

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031125\  
 Data File : VX045236.D  
 Acq On : 11 Mar 2025 19:49  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 12 01:55:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 92547    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 163844   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.049 | 117   | 145456   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 68174    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 66778    | 45.363   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 90.720%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 50703    | 46.280   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 92.560%  |
| 50) Toluene-d8               | 8.647  | 98    | 179940   | 45.304   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 90.600%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 64822    | 49.251   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 98.500%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 53268    | 45.726   | ug/l   | 99       |
| 3) Chloromethane             | 1.307  | 50    | 64615    | 45.323   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 60266    | 42.613   | ug/l   | 97       |
| 5) Bromomethane              | 1.593  | 94    | 25658    | 46.150   | ug/l   | 98       |
| 6) Chloroethane              | 1.666  | 64    | 32802    | 50.284   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.874  | 101   | 87827    | 46.911   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.130  | 74    | 31793    | 43.415   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 53500    | 49.738   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.447  | 142   | 68051    | 50.626   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 2.977  | 59    | 51983    | 186.427  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.306  | 96    | 53108    | 46.700   | ug/l   | 96       |
| 13) Acrolein                 | 2.233  | 56    | 32474    | 100.748  | ug/l   | 99       |
| 14) Allyl chloride           | 2.654  | 41    | 98283    | 48.552   | ug/l   | 98       |
| 15) Acrylonitrile            | 3.062  | 53    | 181756   | 243.211  | ug/l   | 99       |
| 16) Acetone                  | 2.386  | 43    | 156898   | 229.716  | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.501  | 76    | 122680   | 40.503   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703  | 43    | 89742    | 54.618   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 180382   | 47.278   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.782  | 84    | 62985    | 46.554   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 52729    | 46.934   | ug/l   | 100      |
| 22) Diisopropyl ether        | 3.757  | 45    | 200226   | 48.635   | ug/l # | 87       |
| 23) Vinyl Acetate            | 3.721  | 43    | 844079   | 245.688  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 109431   | 47.429   | ug/l   | 100      |
| 25) 2-Butanone               | 4.556  | 43    | 251056   | 244.195  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 65263    | 60.305   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 66395    | 47.873   | ug/l   | 97       |
| 28) Bromochloromethane       | 4.891  | 49    | 52477    | 47.718   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 161329   | 233.669  | ug/l   | 100      |
| 30) Chloroform               | 5.086  | 83    | 109326   | 47.688   | ug/l   | 98       |
| 31) Cyclohexane              | 5.464  | 56    | 93837    | 46.852   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.373  | 97    | 88809    | 47.964   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 72608    | 48.325   | ug/l   | 100      |
| 37) Ethyl Acetate            | 4.715  | 43    | 93428    | 48.257   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 74018    | 48.524   | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.373  | 83    | 89869    | 49.918   | ug/l   | 97       |
| 40) Benzene                  | 6.031  | 78    | 229062   | 48.279   | ug/l   | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 12 01:55:54 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 53206    | 50.825  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 85619    | 50.114  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 144156   | 50.354  | ug/l   | 100      |
| 44) Trichloroethene           | 7.123  | 130  | 54580    | 48.992  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 58369    | 47.849  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 43556    | 50.517  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 83702    | 49.493  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 73223    | 50.982  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 27933    | 921.987 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 509737   | 265.178 | ug/l   | 100      |
| 52) Toluene                   | 8.714  | 92   | 138365   | 49.706  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 73204    | 51.776  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 85519    | 51.871  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 55900    | 48.779  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 91220    | 52.366  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 99262    | 50.051  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 237779   | 279.825 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.427  | 43   | 375289   | 269.459 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 60613    | 50.586  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 57091    | 49.904  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.269  | 164  | 44141    | 47.383  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.073 | 112  | 149536   | 48.585  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 49133    | 47.936  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.189 | 91   | 268680   | 50.100  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 198600   | 101.160 | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 97058    | 49.018  | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 165647   | 51.703  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 39245    | 50.775  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.957 | 105  | 259125   | 48.697  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 125524   | 50.273  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 91044    | 46.625  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 93583    | 58.978  | ug/l   | 86       |
| 77) Bromobenzene              | 11.195 | 156  | 58983    | 46.980  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.299 | 91   | 299014   | 49.745  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 181227   | 47.340  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 212792   | 49.457  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 21898    | 47.228  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 205234   | 49.191  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 213082   | 48.200  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 214250   | 49.489  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 268624   | 50.727  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 217580   | 50.842  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 109308   | 48.804  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 106308   | 46.916  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 194364   | 52.732  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 37102    | 47.931  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 108734   | 48.396  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 18507    | 48.649  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 61986    | 48.452  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 25290    | 48.218  | ug/l   | 100      |
| 95) Naphthalene               | 13.774 | 128  | 240005   | 48.828  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 65162    | 48.282  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Mar 12 01:55:54 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration

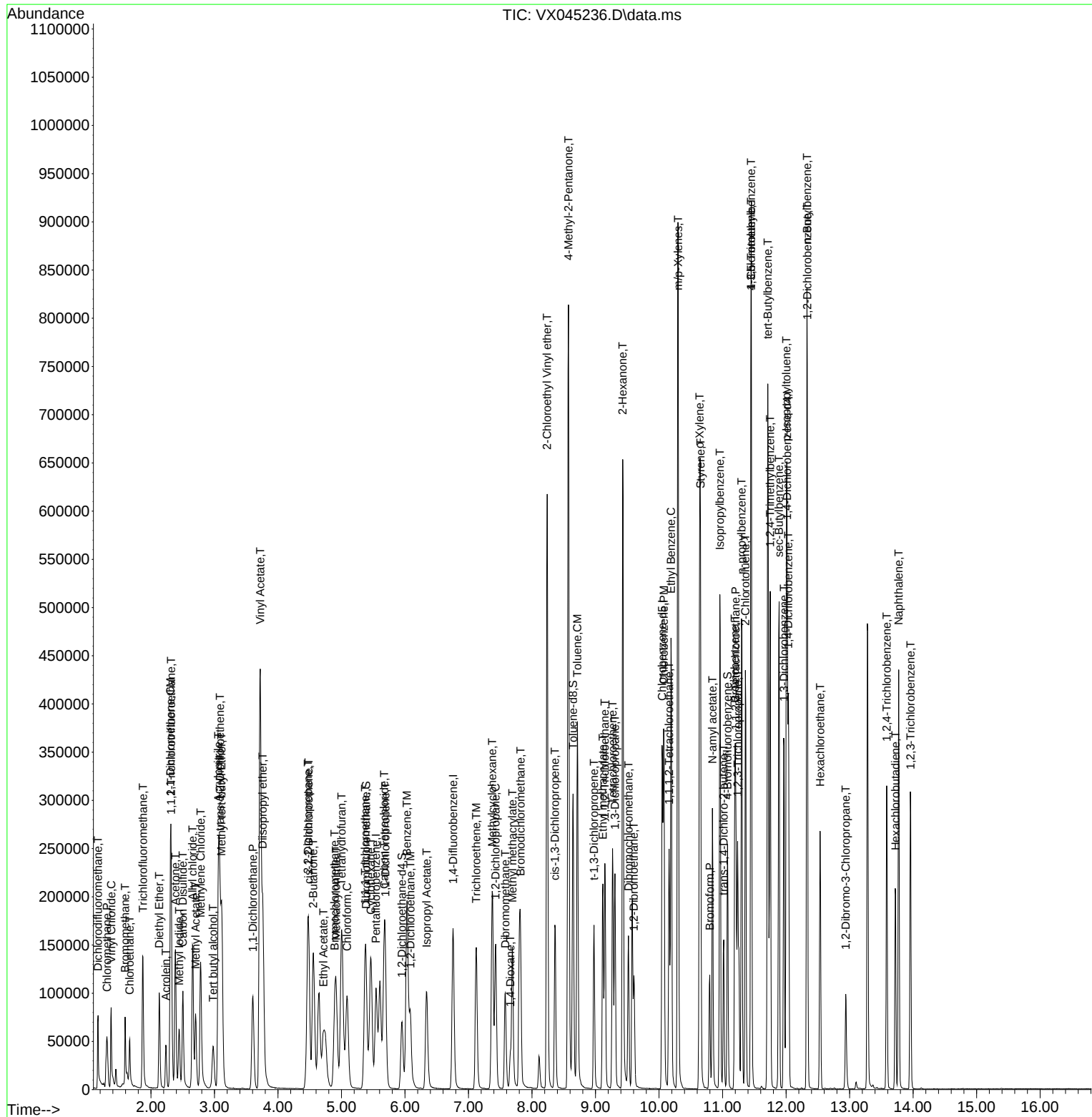
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

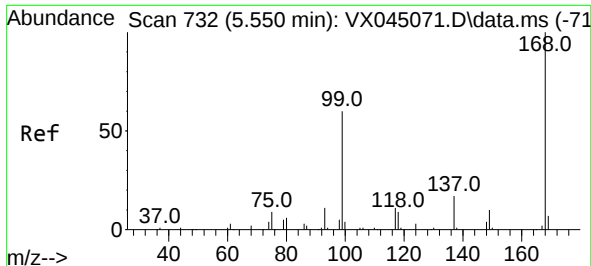
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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
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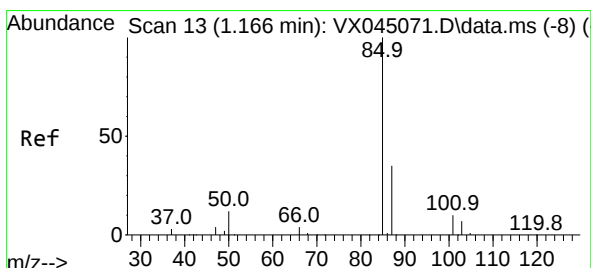
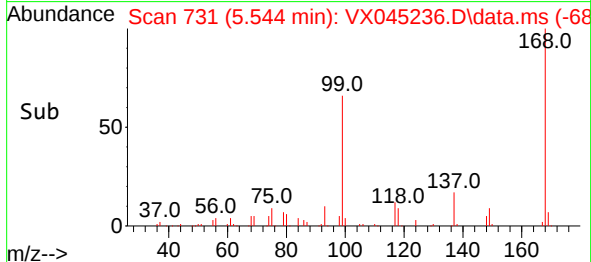
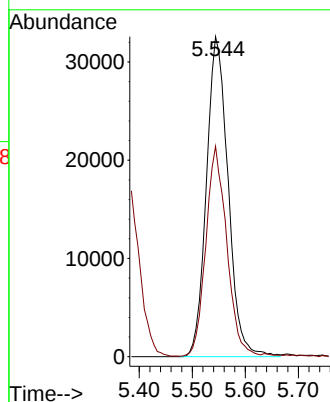
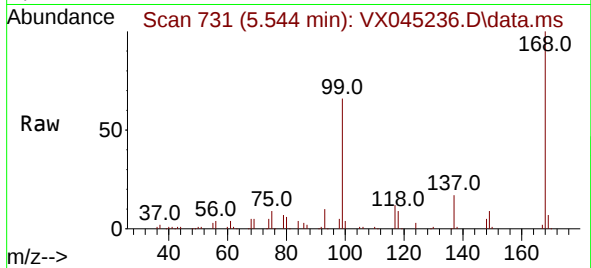




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

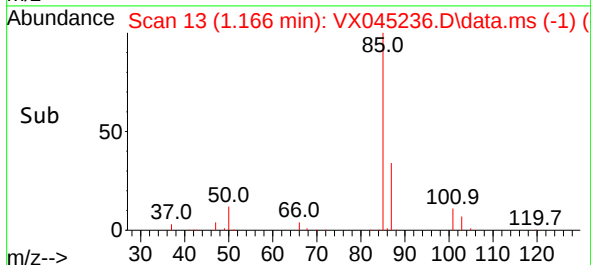
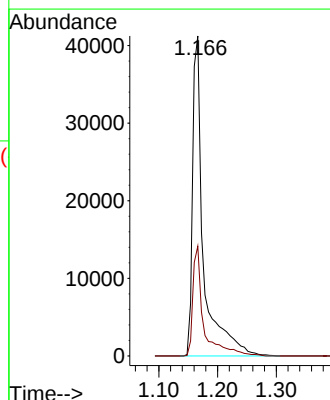
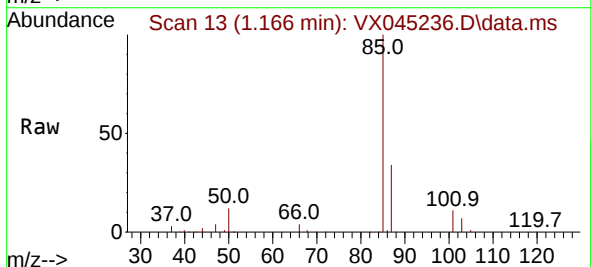
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

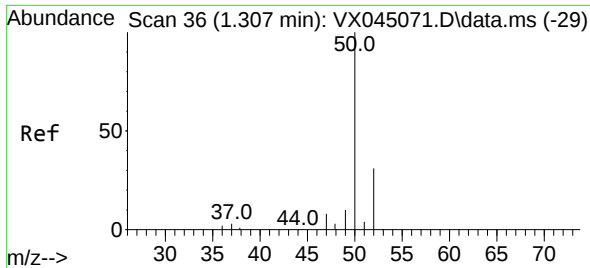
Tgt Ion:168 Resp: 92547  
Ion Ratio Lower Upper  
168 100  
99 65.6 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 45.726 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 85 Resp: 53268  
Ion Ratio Lower Upper  
85 100  
87 34.3 17.4 52.3

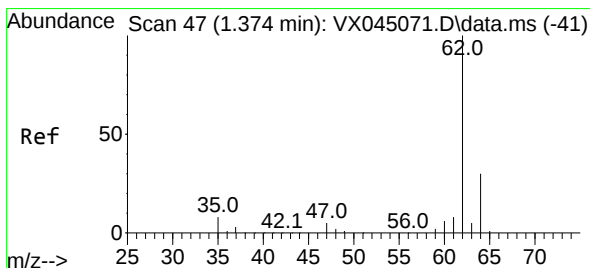
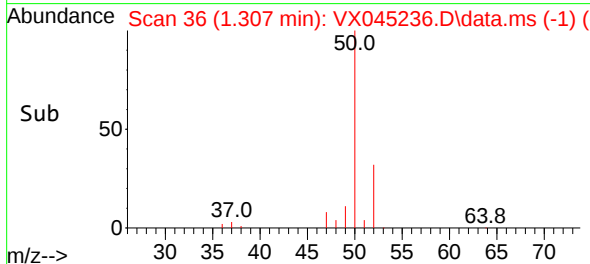
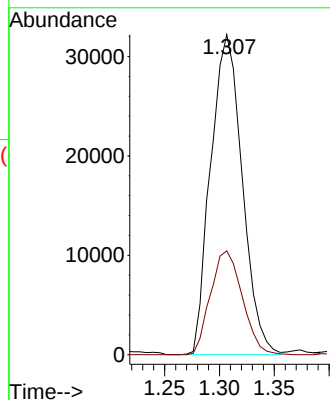
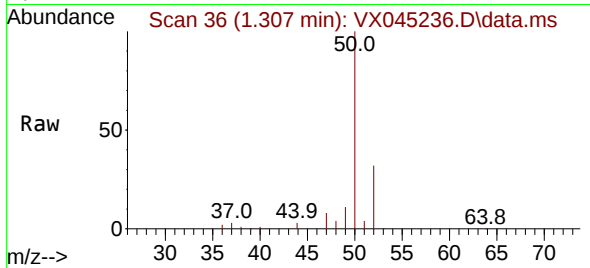




#3  
Chloromethane  
Concen: 45.323 ug/l  
RT: 1.307 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

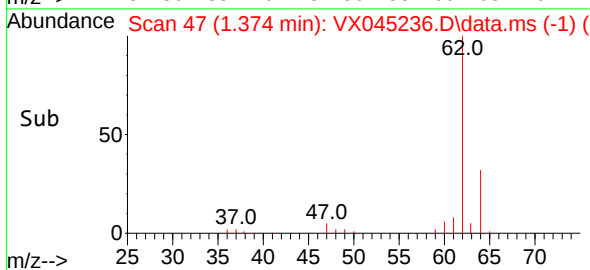
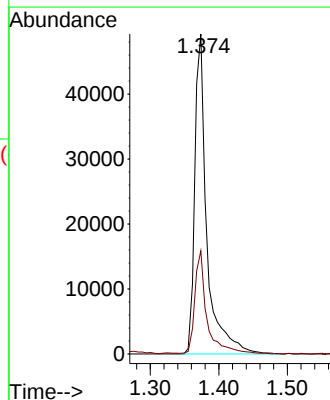
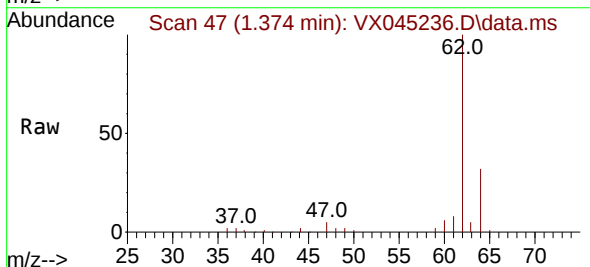
Instrument :  
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ClientSampleId :  
VSTDCCC050EC

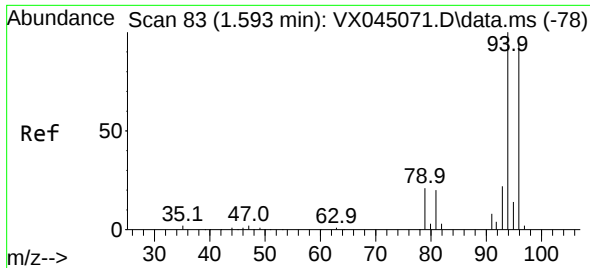
Tgt Ion: 50 Resp: 64615  
Ion Ratio Lower Upper  
50 100  
52 32.5 25.0 37.4



#4  
Vinyl Chloride  
Concen: 42.613 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 62 Resp: 60266  
Ion Ratio Lower Upper  
62 100  
64 32.1 24.3 36.5

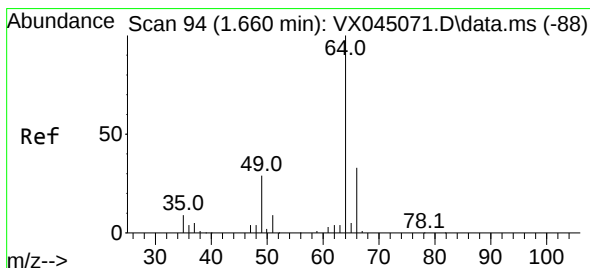
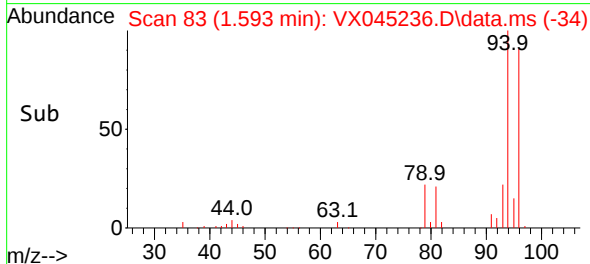
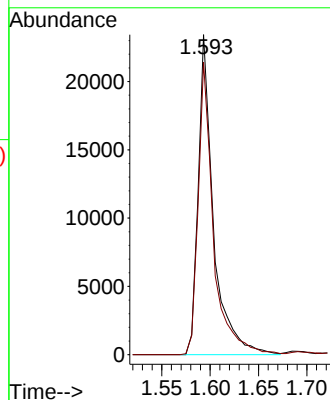
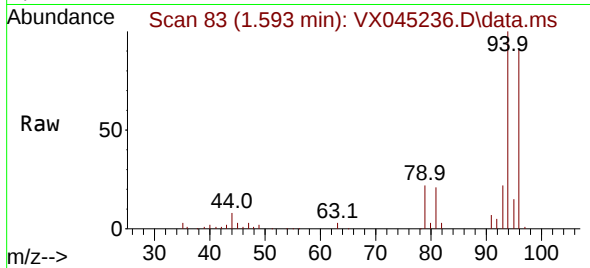




#5  
Bromomethane  
Concen: 46.150 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

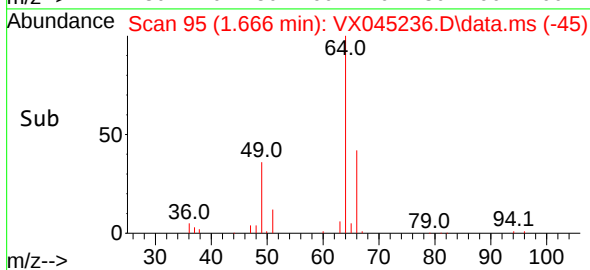
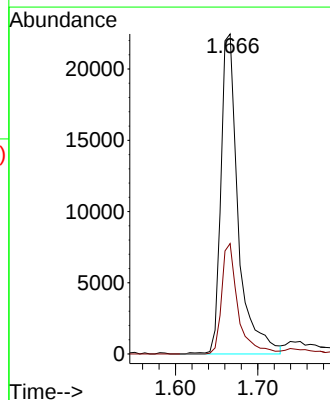
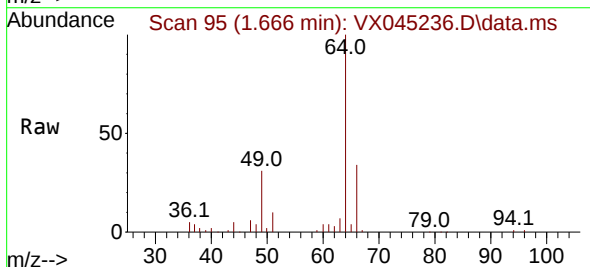
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

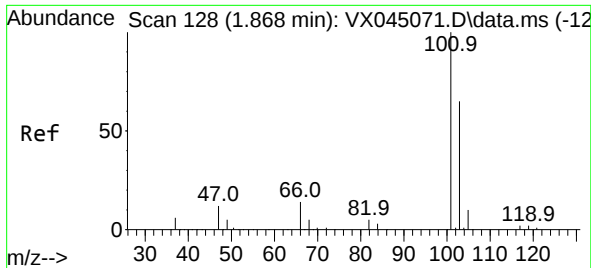
Tgt Ion: 94 Resp: 25658  
Ion Ratio Lower Upper  
94 100  
96 91.3 75.0 112.4



#6  
Chloroethane  
Concen: 50.284 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 64 Resp: 32802  
Ion Ratio Lower Upper  
64 100  
66 34.5 26.7 40.1

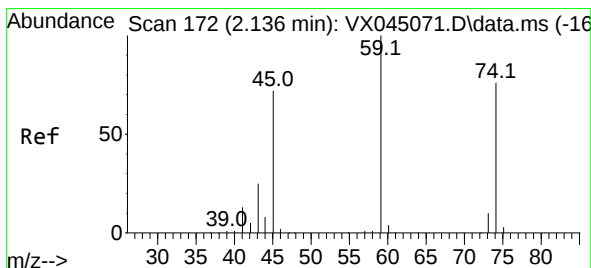
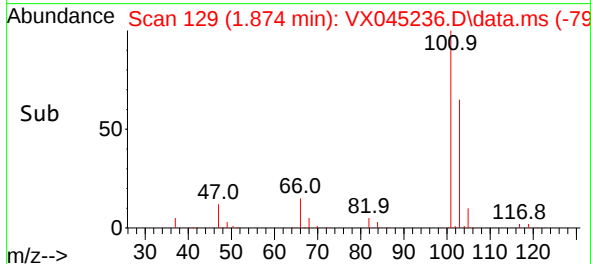
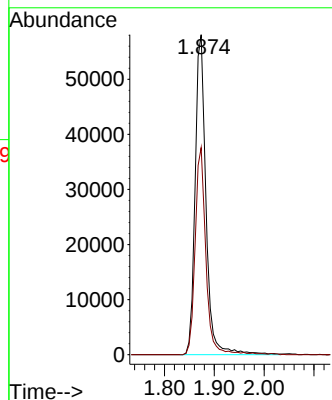
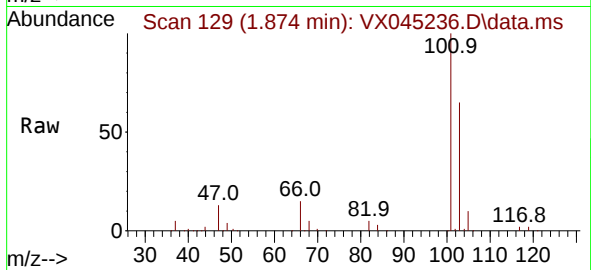




#7  
Trichlorofluoromethane  
Concen: 46.911 ug/l  
RT: 1.874 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

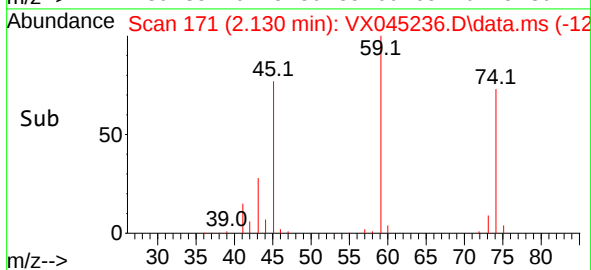
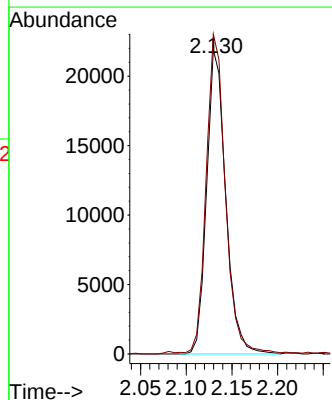
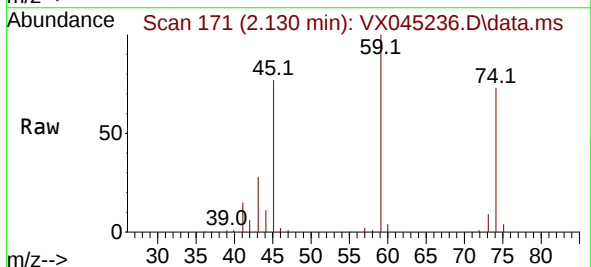
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

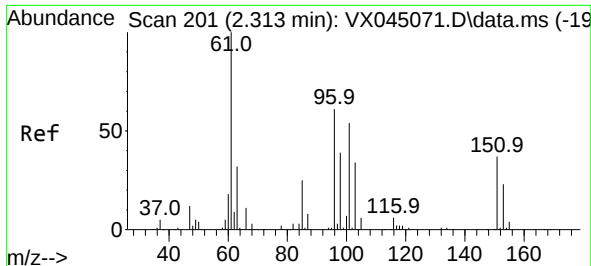
Tgt Ion:101 Resp: 87827  
Ion Ratio Lower Upper  
101 100  
103 64.7 52.1 78.1



#8  
Diethyl Ether  
Concen: 43.415 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 74 Resp: 31793  
Ion Ratio Lower Upper  
74 100  
45 104.5 51.5 154.5

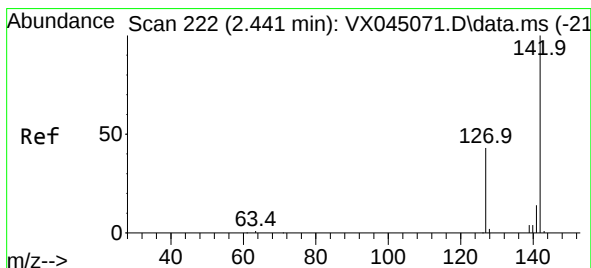
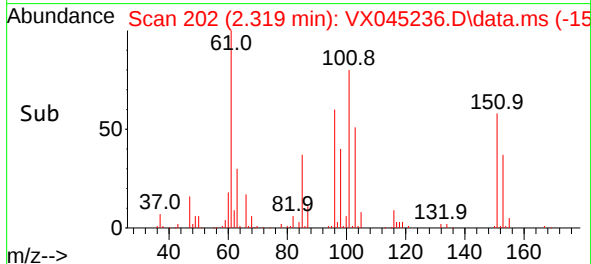
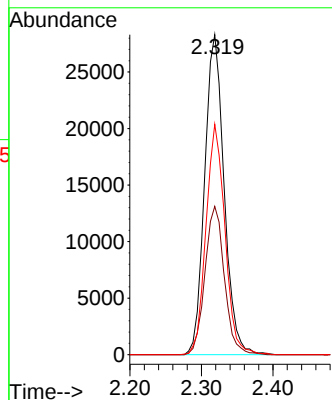
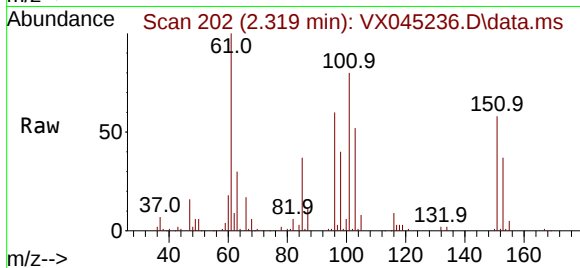




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.738 ug/l  
RT: 2.319 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

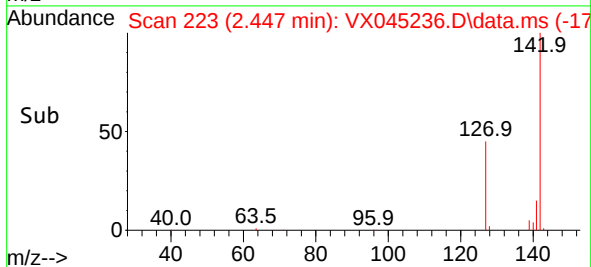
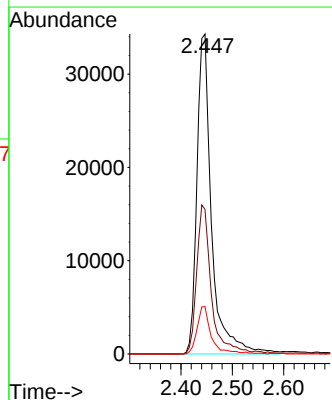
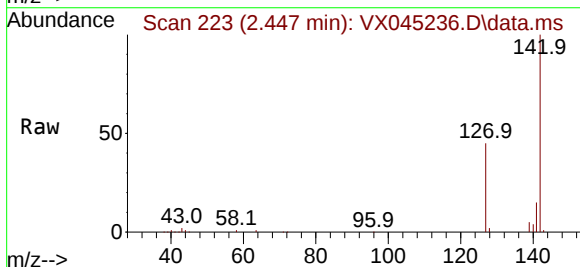
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

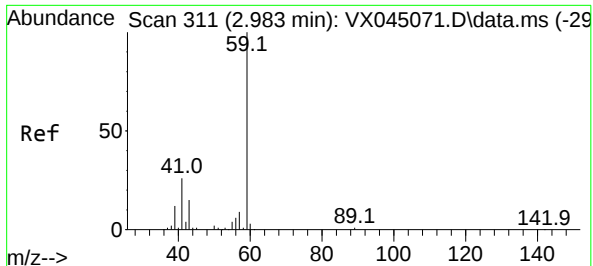
Tgt Ion:101 Resp: 53500  
Ion Ratio Lower Upper  
101 100  
85 46.3 36.2 54.4  
151 70.3 56.4 84.6



#10  
Methyl Iodide  
Concen: 50.626 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion:142 Resp: 68051  
Ion Ratio Lower Upper  
142 100  
127 46.3 35.4 53.2  
141 14.4 11.6 17.4

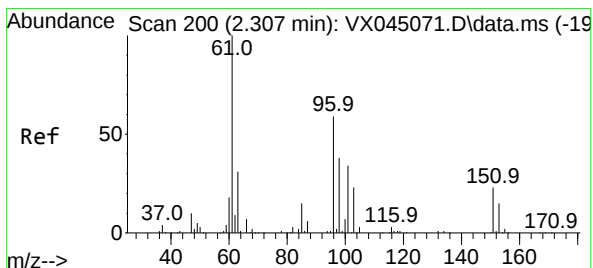
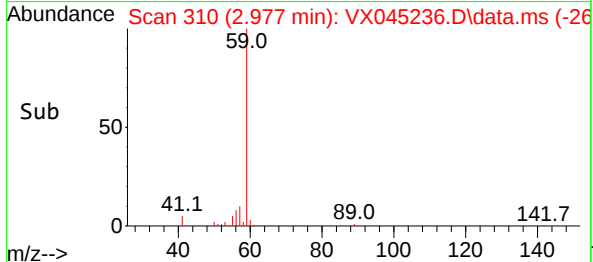
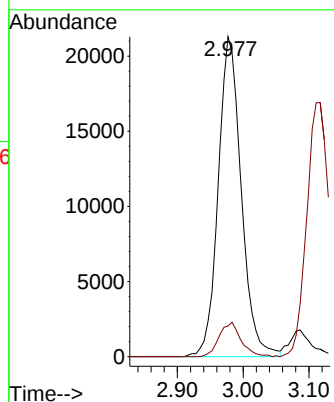
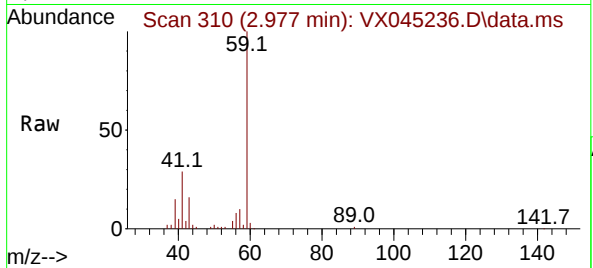




#11  
Tert butyl alcohol  
Concen: 186.427 ug/l  
RT: 2.977 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

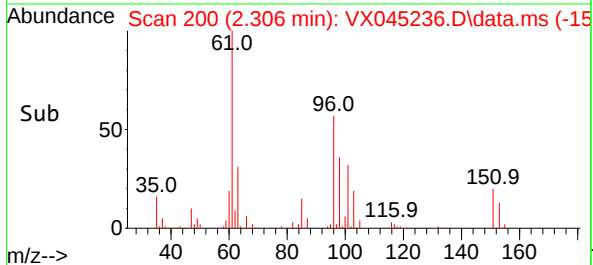
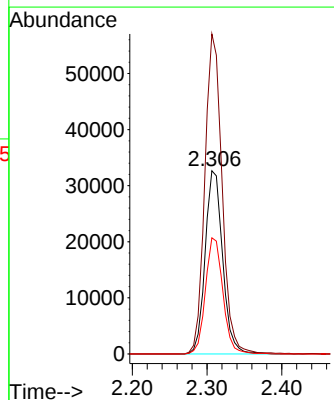
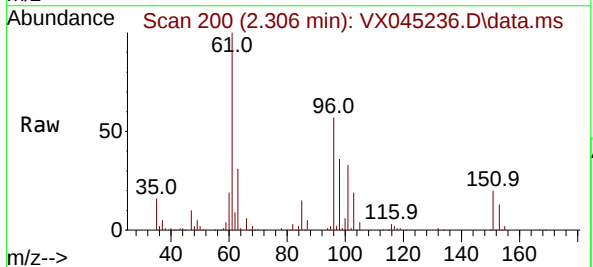
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

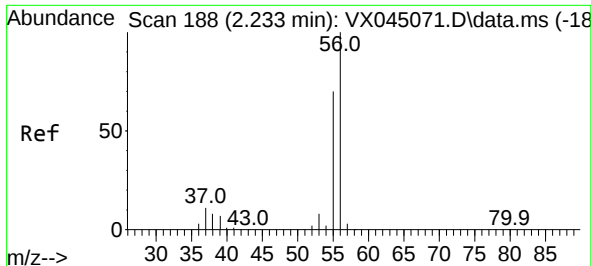
Tgt Ion: 59 Resp: 51983  
Ion Ratio Lower Upper  
59 100  
57 10.2 7.8 11.8



#12  
1,1-Dichloroethene  
Concen: 46.700 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 96 Resp: 53108  
Ion Ratio Lower Upper  
96 100  
61 174.6 134.6 202.0  
98 63.4 51.0 76.6

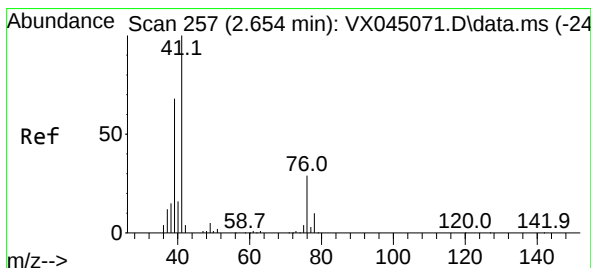
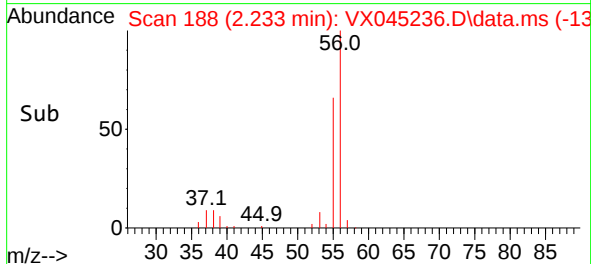
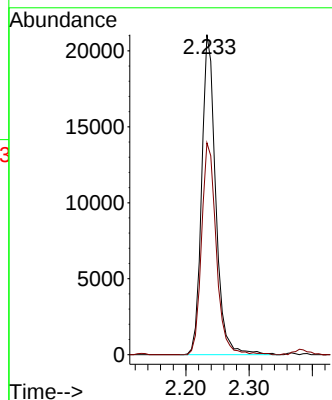
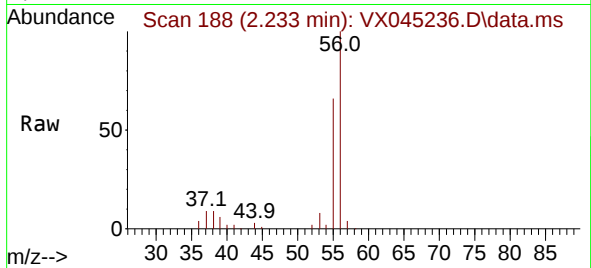




#13  
Acrolein  
Concen: 100.748 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

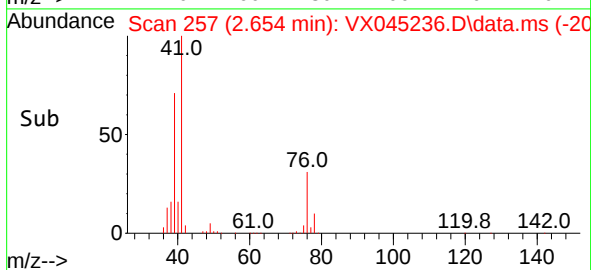
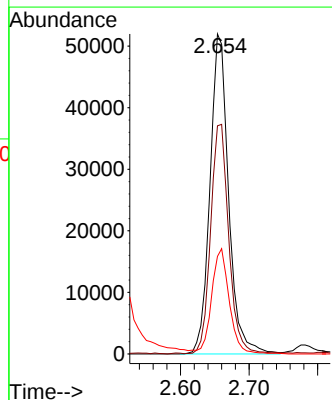
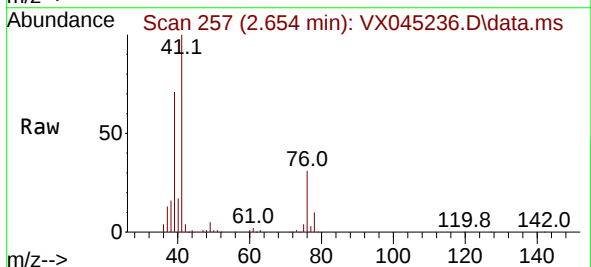
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

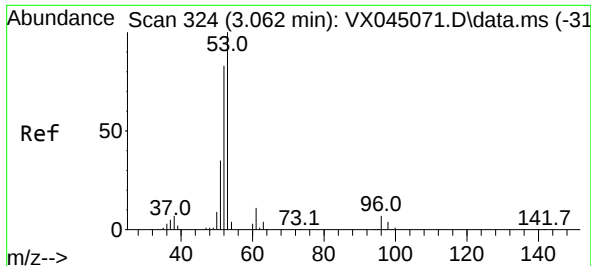
Tgt Ion: 56 Resp: 32474  
Ion Ratio Lower Upper  
56 100  
55 69.6 56.2 84.4



#14  
Allyl chloride  
Concen: 48.552 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 41 Resp: 98283  
Ion Ratio Lower Upper  
41 100  
39 69.6 53.8 80.8  
76 31.1 25.2 37.8

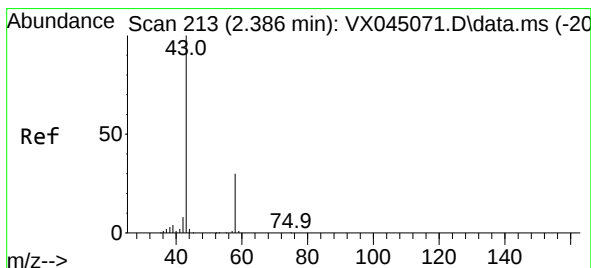
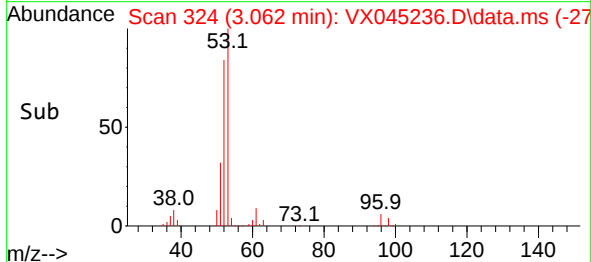
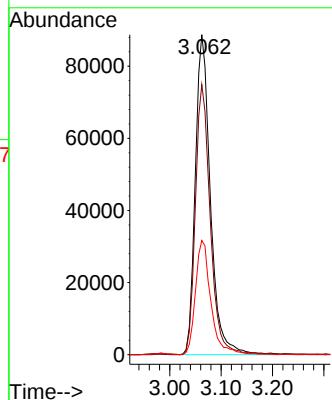
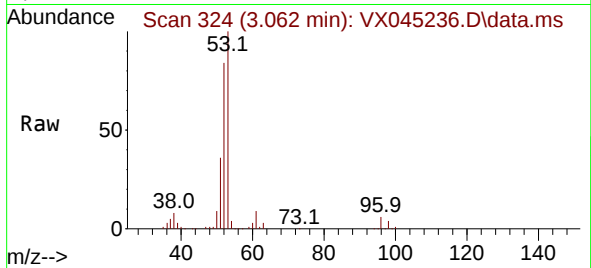




#15  
Acrylonitrile  
Concen: 243.211 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

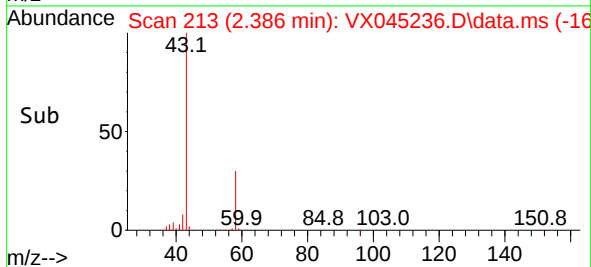
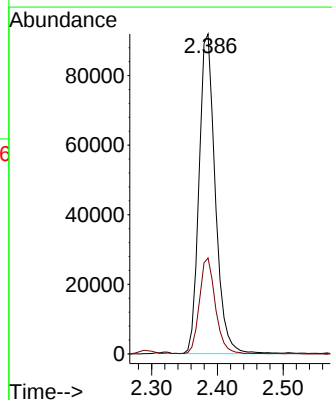
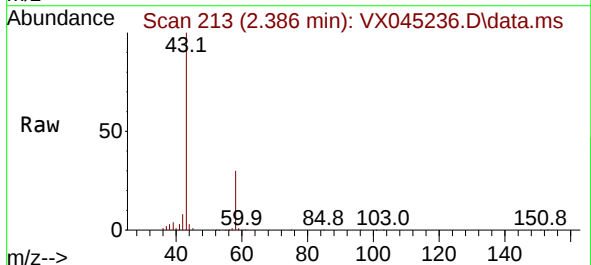
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

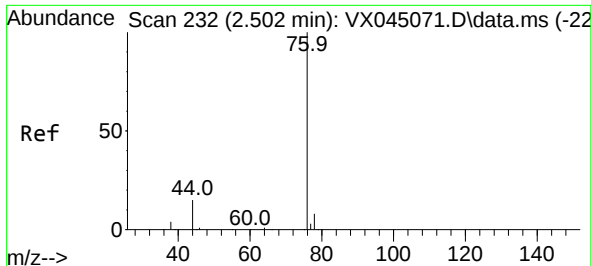
Tgt Ion: 53 Resp: 181756  
Ion Ratio Lower Upper  
53 100  
52 83.2 66.2 99.2  
51 36.5 29.0 43.4



#16  
Acetone  
Concen: 229.716 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 43 Resp: 156898  
Ion Ratio Lower Upper  
43 100  
58 29.9 24.2 36.4





#17

Carbon Disulfide

Concen: 40.503 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

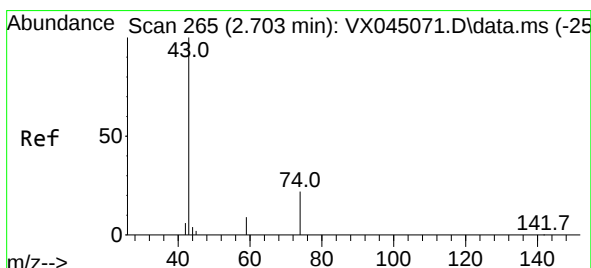
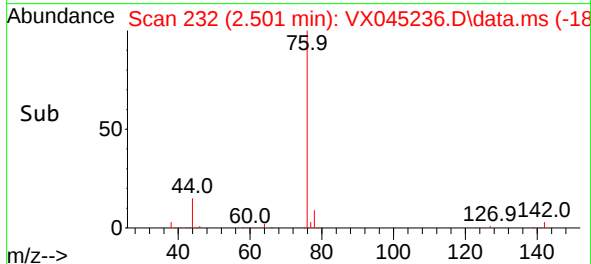
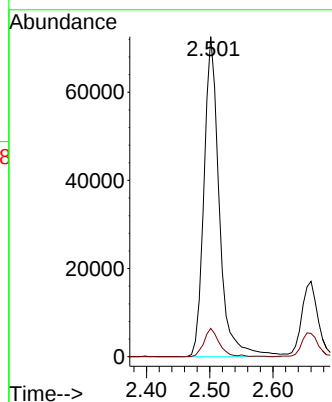
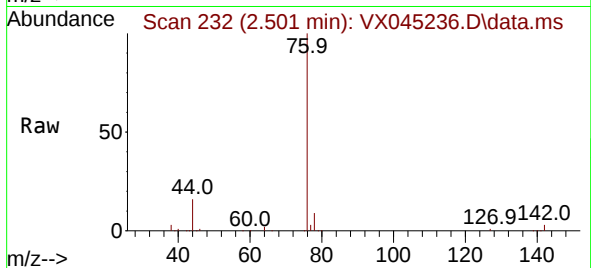
VSTDCCC050EC

Tgt Ion: 76 Resp: 122680

Ion Ratio Lower Upper

76 100

78 8.8 6.6 9.8



#18

Methyl Acetate

Concen: 54.618 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045236.D

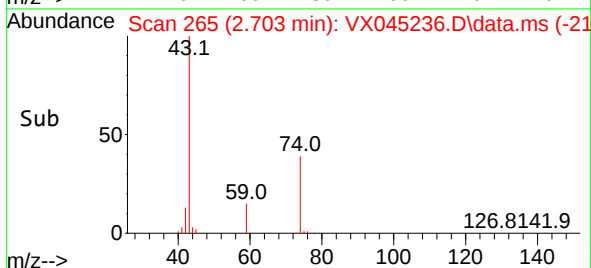
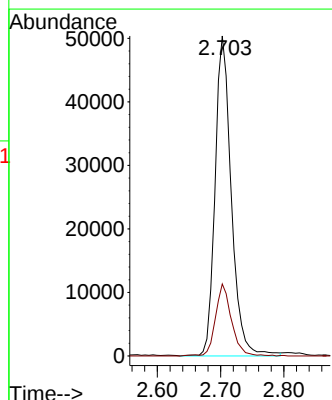
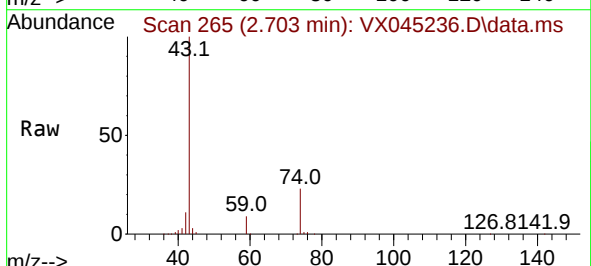
Acq: 11 Mar 2025 19:49

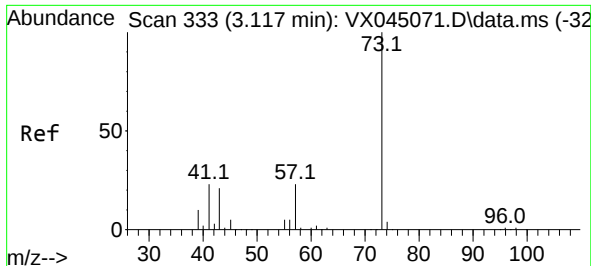
Tgt Ion: 43 Resp: 89742

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.2

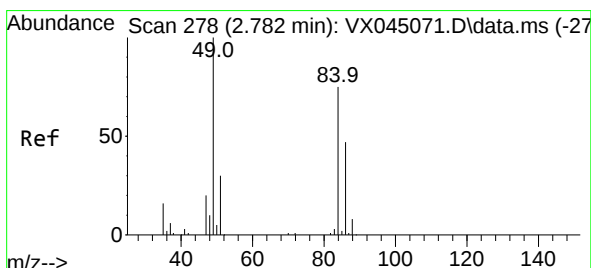
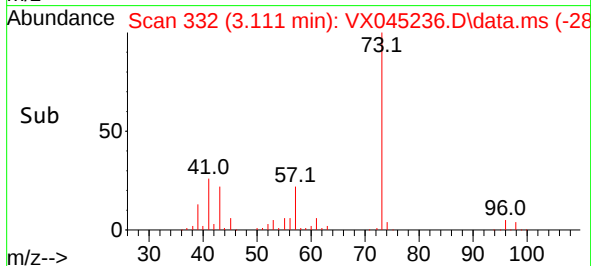
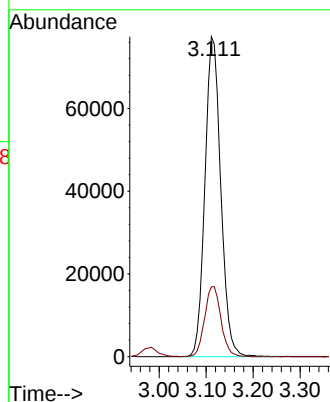
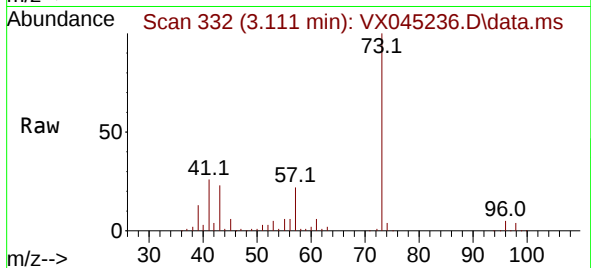




#19  
Methyl tert-butyl Ether  
Concen: 47.278 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

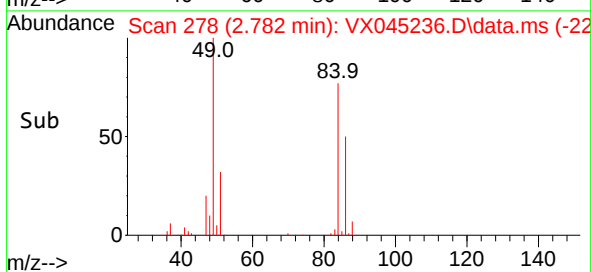
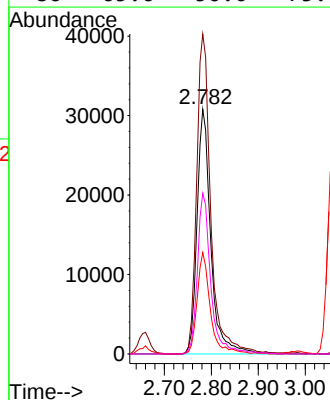
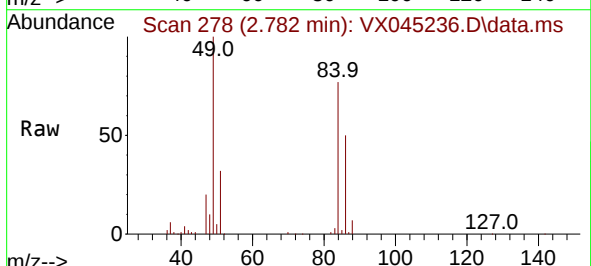
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

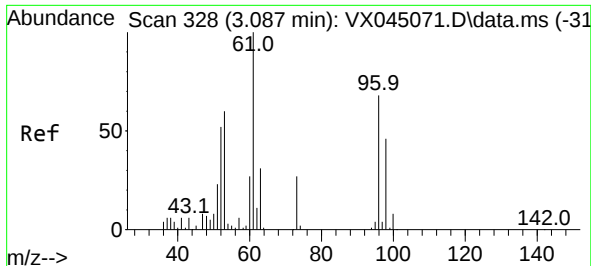
Tgt Ion: 73 Resp: 180382  
Ion Ratio Lower Upper  
73 100  
57 21.9 18.5 27.7



#20  
Methylene Chloride  
Concen: 46.554 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 84 Resp: 62985  
Ion Ratio Lower Upper  
84 100  
49 130.7 106.5 159.7  
51 41.4 32.1 48.1  
86 65.6 50.0 75.0

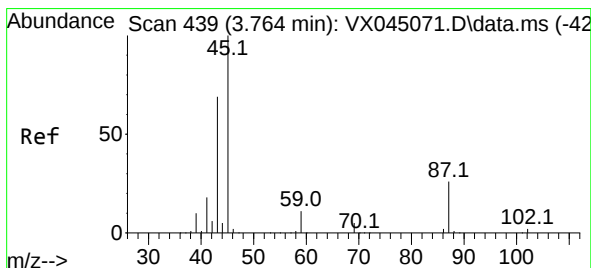
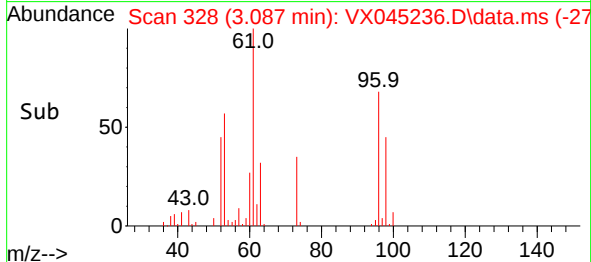
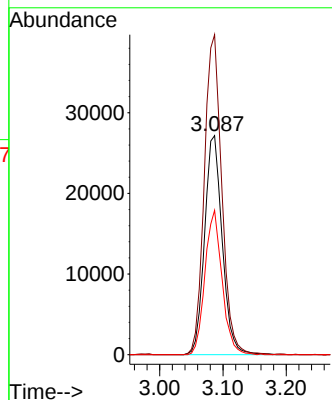
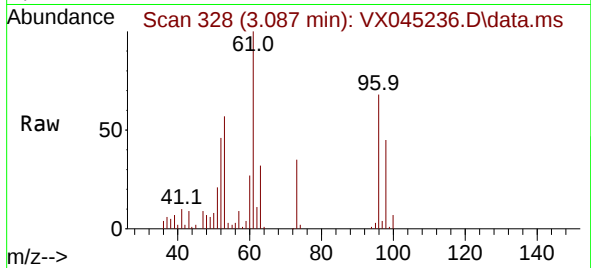




#21  
trans-1,2-Dichloroethene  
Concen: 46.934 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

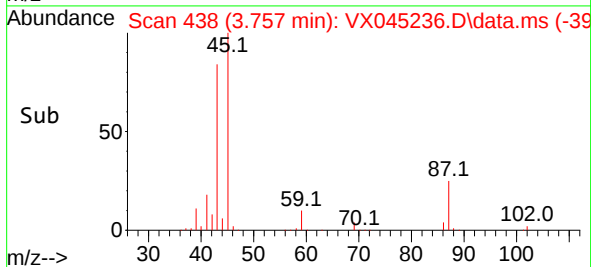
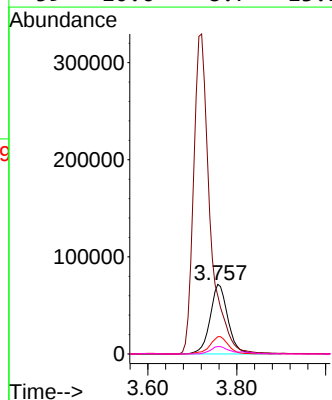
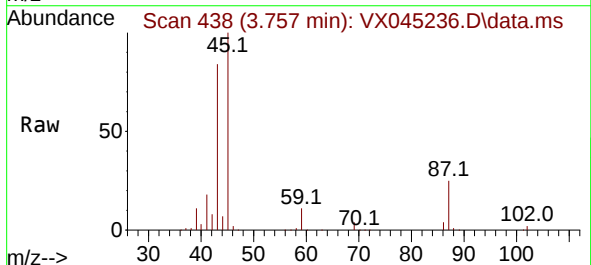
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

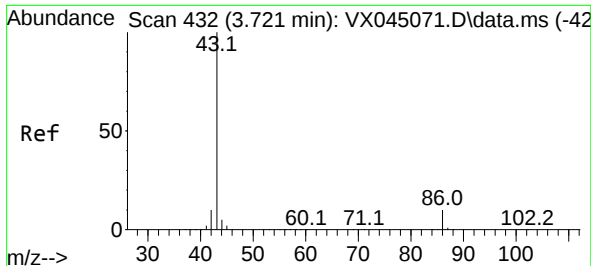
Tgt Ion: 96 Resp: 52729  
Ion Ratio Lower Upper  
96 100  
61 146.1 117.0 175.4  
98 65.9 53.4 80.2



#22  
Diisopropyl ether  
Concen: 48.635 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 45 Resp: 200226  
Ion Ratio Lower Upper  
45 100  
43 83.5 54.9 82.3#  
87 24.9 21.0 31.4  
59 10.6 8.7 13.1

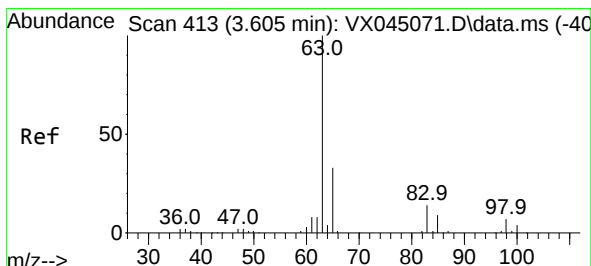
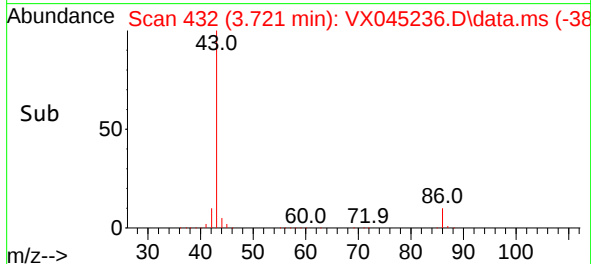
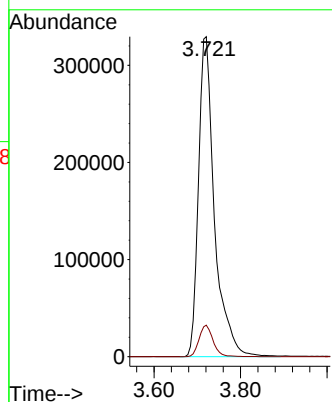
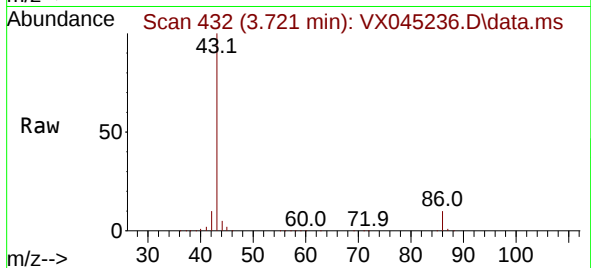




#23  
 Vinyl Acetate  
 Concen: 245.688 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX045236.D  
 Acq: 11 Mar 2025 19:49

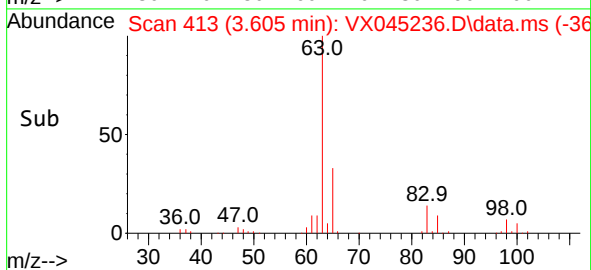
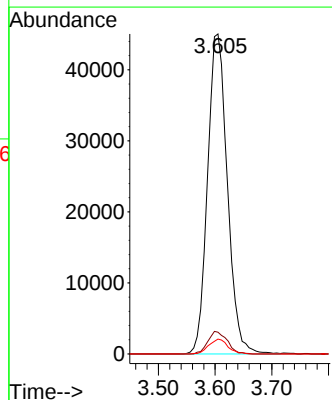
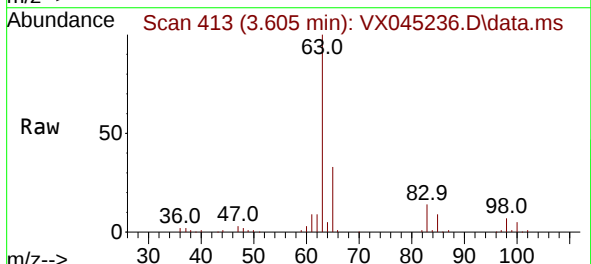
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

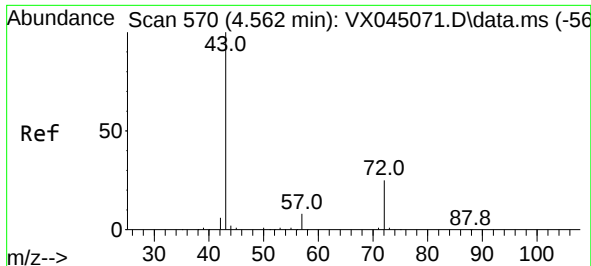
Tgt Ion: 43 Resp: 844079  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.1 12.1



#24  
 1,1-Dichloroethane  
 Concen: 47.429 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX045236.D  
 Acq: 11 Mar 2025 19:49

Tgt Ion: 63 Resp: 109431  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.4 10.2  
 100 4.7 2.1 6.5

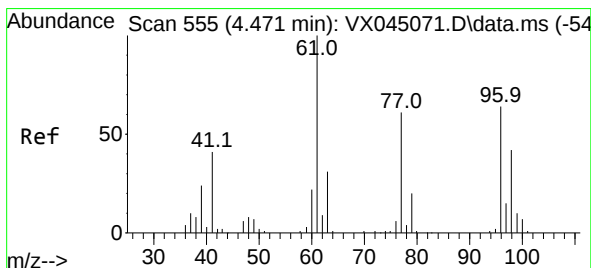
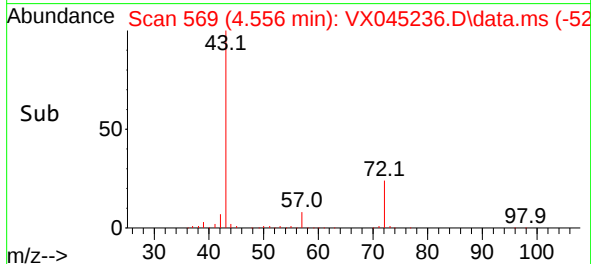
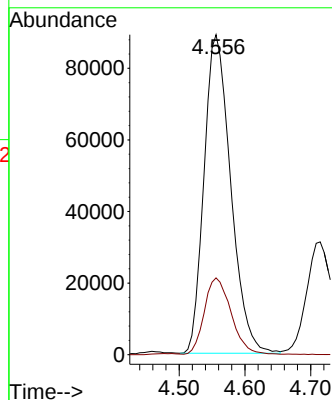
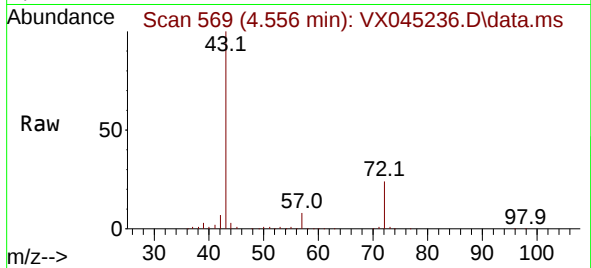




#25  
2-Butanone  
Concen: 244.195 ug/l  
RT: 4.556 min Scan# 570  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

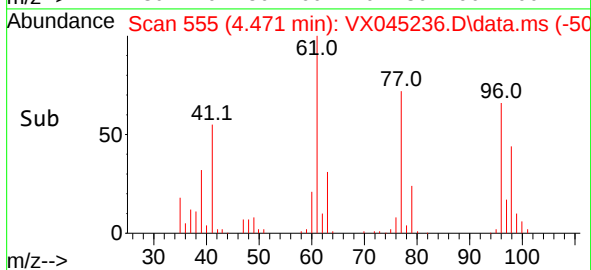
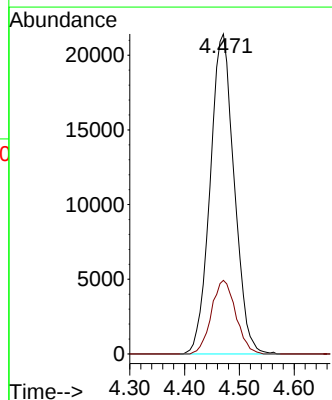
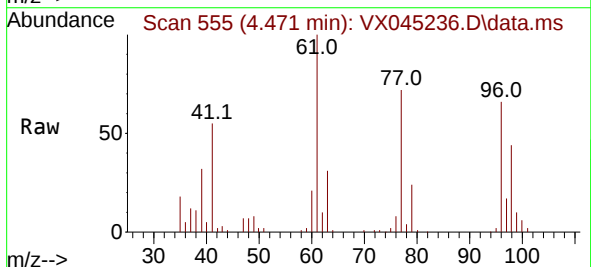
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

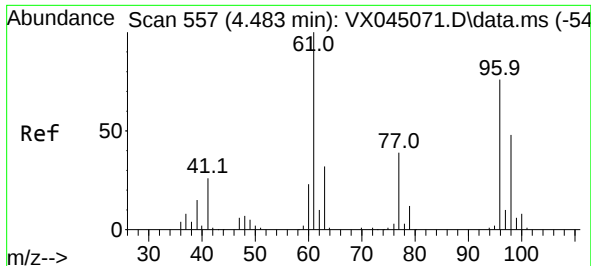
Tgt Ion: 43 Resp: 251056  
Ion Ratio Lower Upper  
43 100  
72 23.9 20.0 30.0



#26  
2,2-Dichloropropane  
Concen: 60.305 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 77 Resp: 65263  
Ion Ratio Lower Upper  
77 100  
97 23.3 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 47.873 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

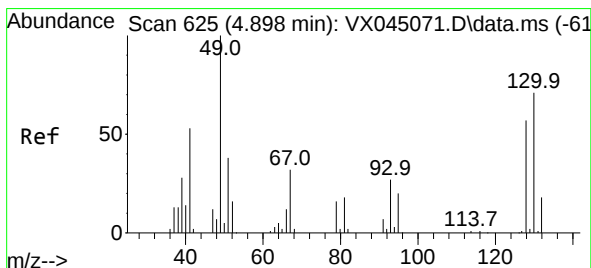
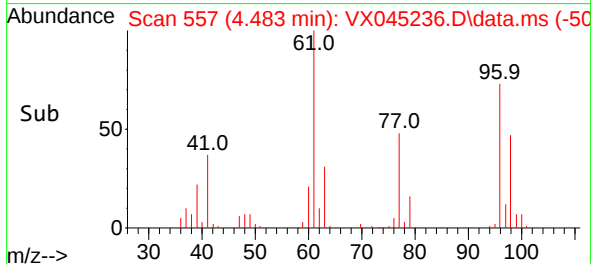
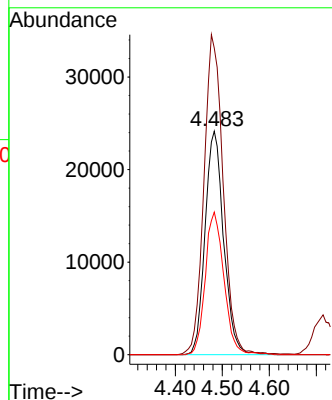
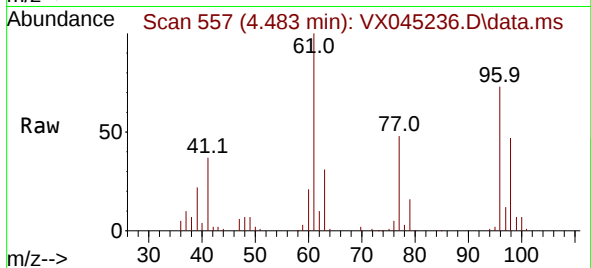
Tgt Ion: 96 Resp: 66395

Ion Ratio Lower Upper

96 100

61 147.7 0.0 283.2

98 64.0 0.0 128.0



#28

Bromochloromethane

Concen: 47.718 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

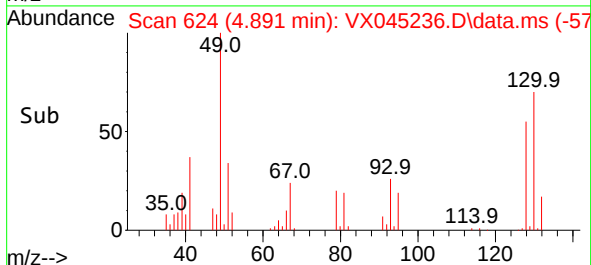
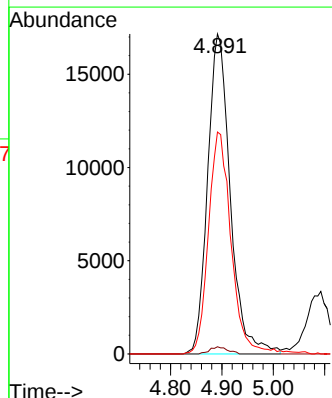
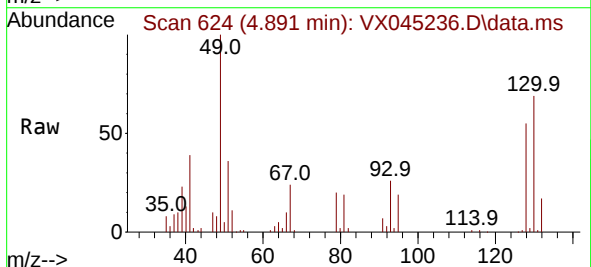
Tgt Ion: 49 Resp: 52477

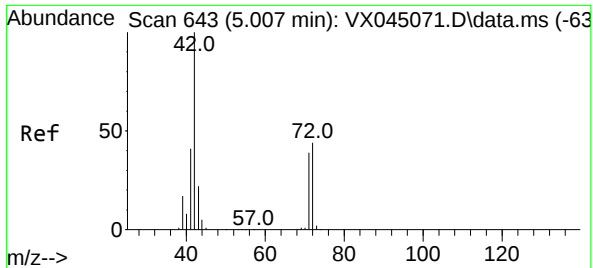
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.4

130 69.6 56.1 84.1





#29

Tetrahydrofuran

Concen: 233.669 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

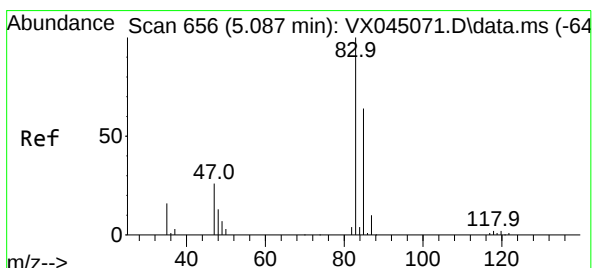
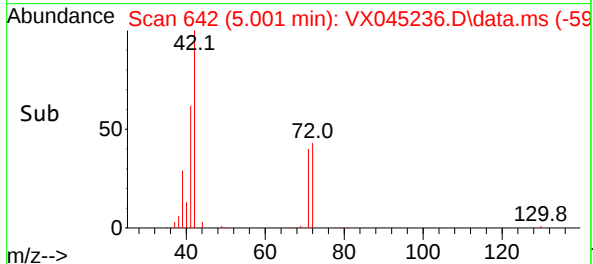
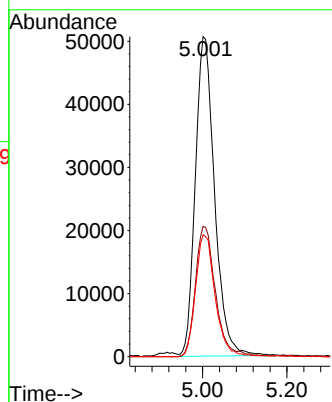
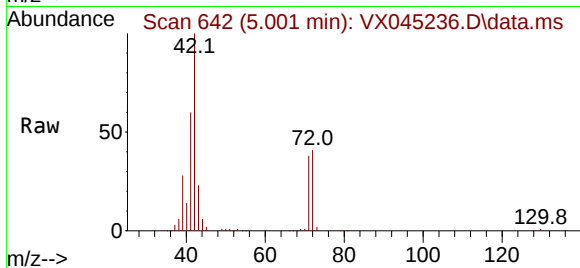
Tgt Ion: 42 Resp: 161329

Ion Ratio Lower Upper

42 100

72 42.4 34.1 51.1

71 38.8 31.4 47.0



#30

Chloroform

Concen: 47.688 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045236.D

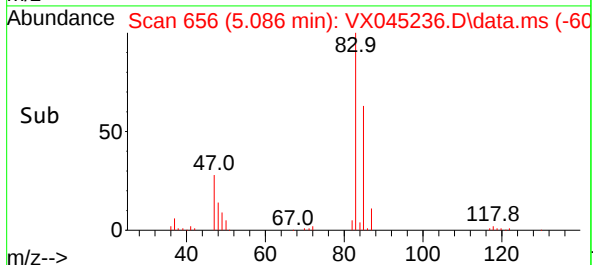
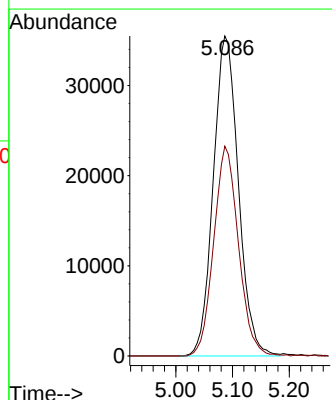
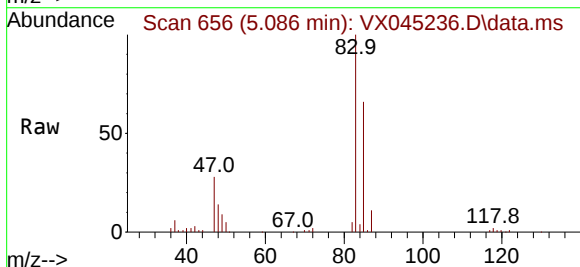
Acq: 11 Mar 2025 19:49

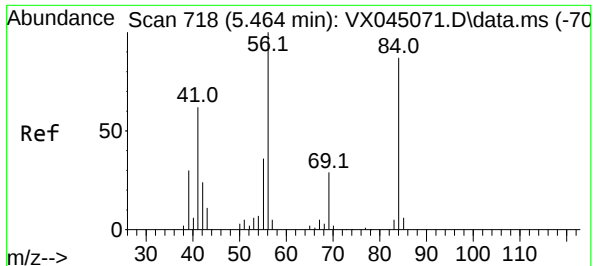
Tgt Ion: 83 Resp: 109326

Ion Ratio Lower Upper

83 100

85 65.5 51.4 77.2

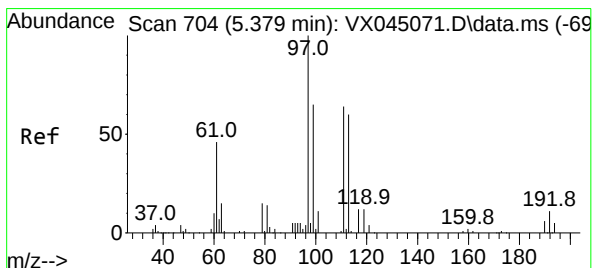
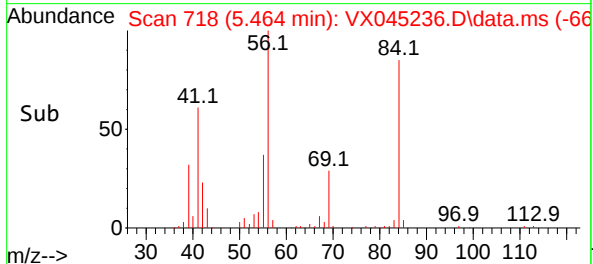
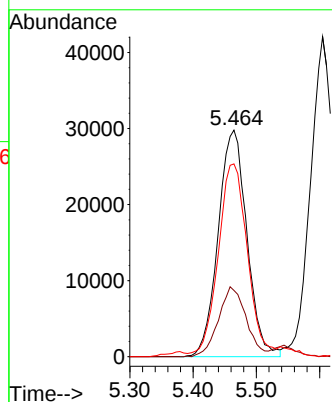
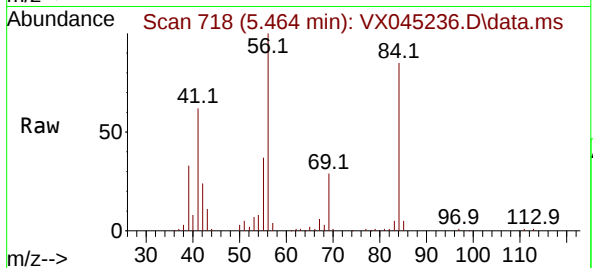




#31  
Cyclohexane  
Concen: 46.852 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

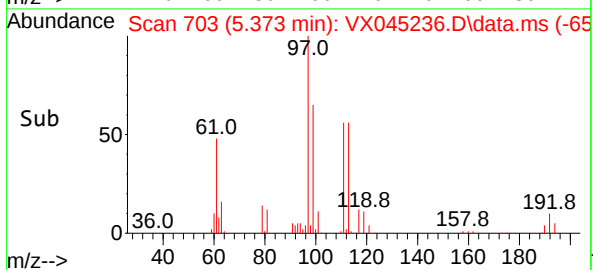
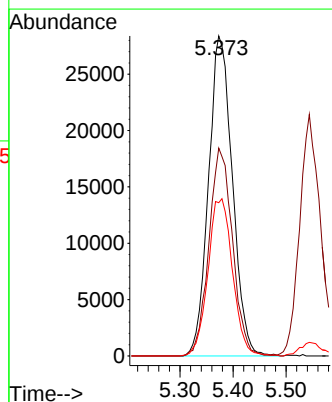
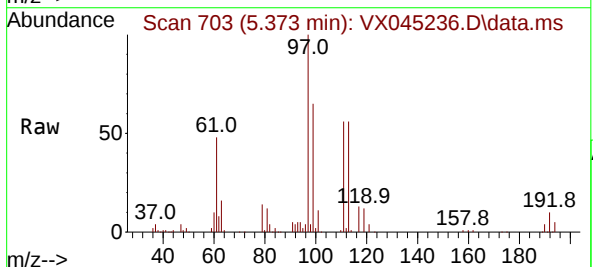
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

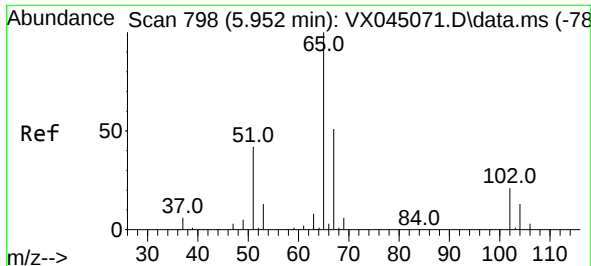
Tgt Ion: 56 Resp: 93837  
Ion Ratio Lower Upper  
56 100  
69 29.3 23.4 35.2  
84 82.9 69.4 104.2



#32  
1,1,1-Trichloroethane  
Concen: 47.964 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 97 Resp: 88809  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.6 77.4  
61 50.7 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 45.363 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

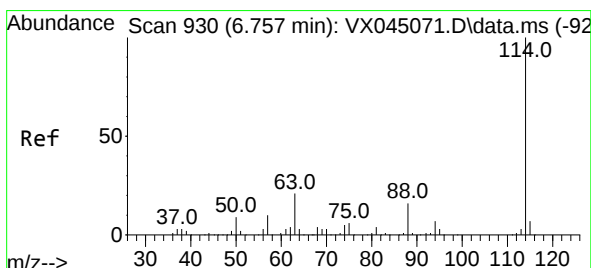
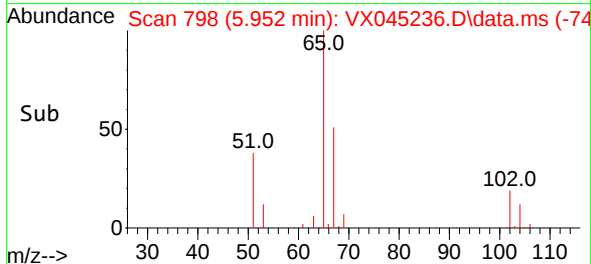
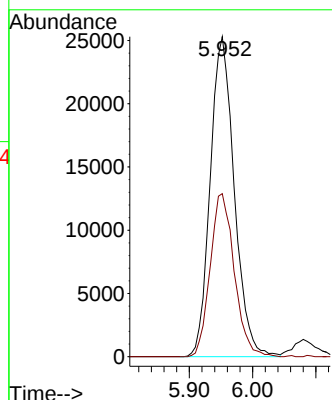
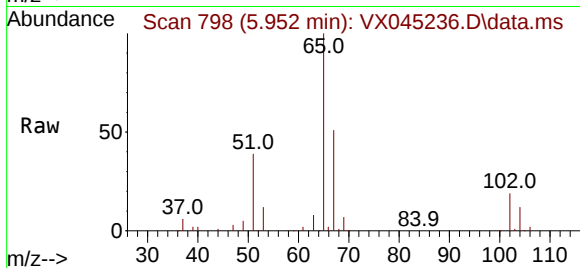
VSTDCCC050EC

Tgt Ion: 65 Resp: 66778

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

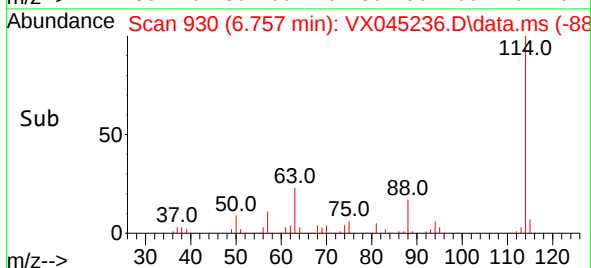
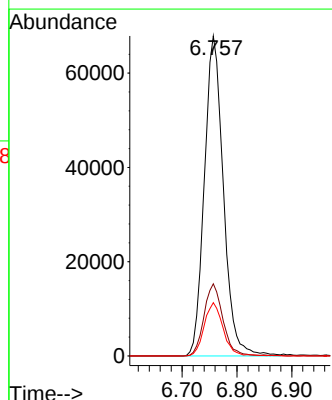
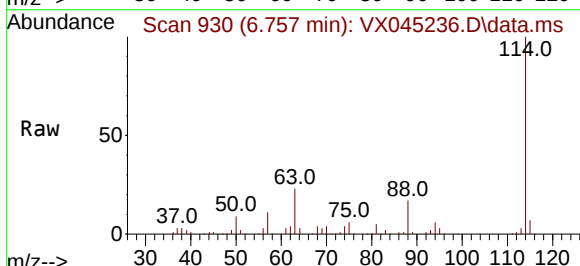
Tgt Ion: 114 Resp: 163844

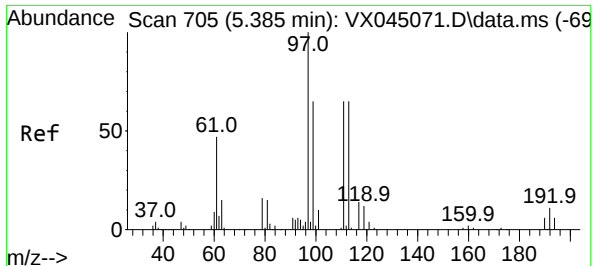
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 16.7 0.0 32.8

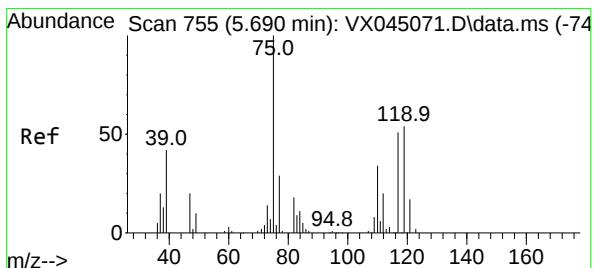
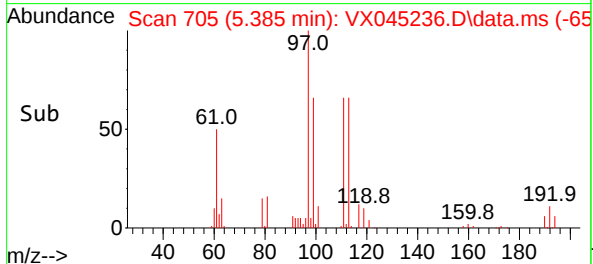
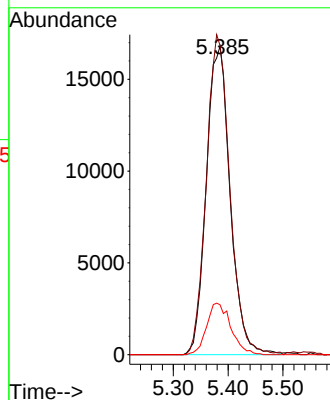
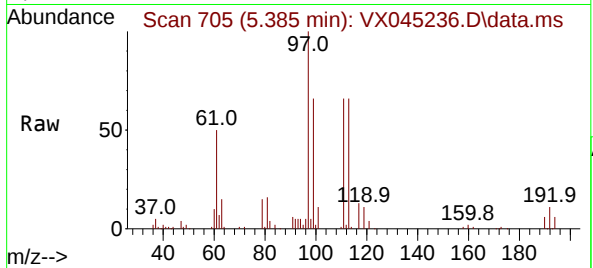




#35  
Dibromofluoromethane  
Concen: 46.280 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

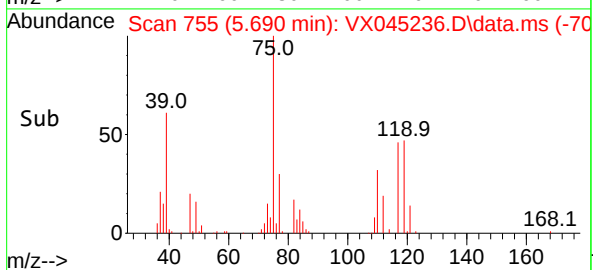
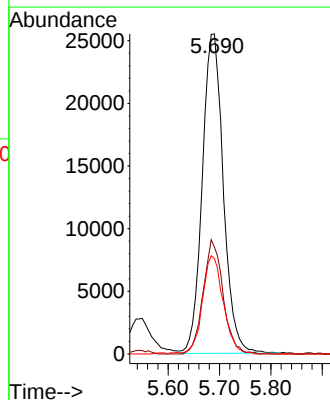
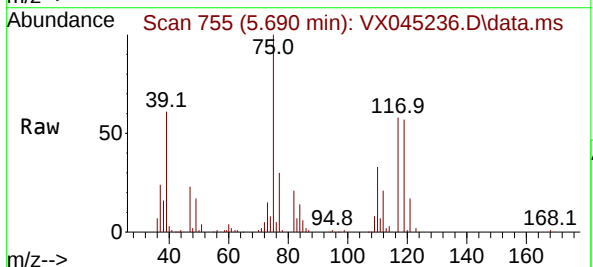
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

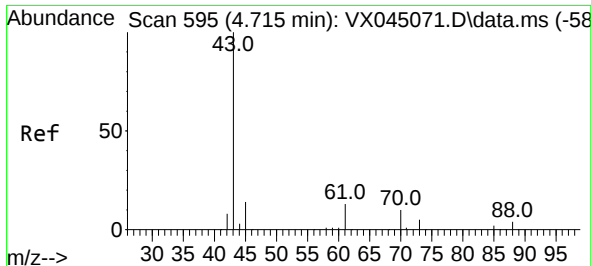
Tgt Ion:113 Resp: 50703  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.8 122.6  
192 17.0 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 48.325 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 75 Resp: 72608  
Ion Ratio Lower Upper  
75 100  
110 33.7 16.9 50.6  
77 30.5 24.5 36.7

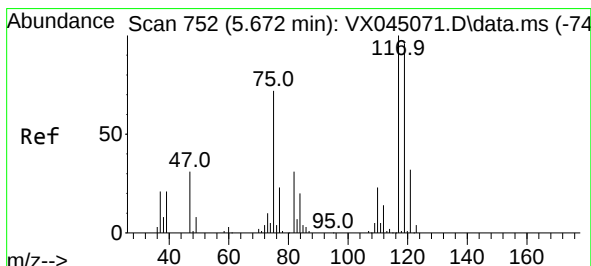
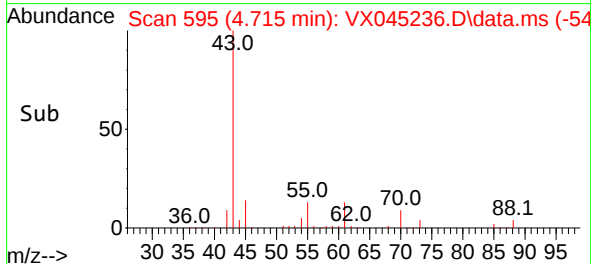
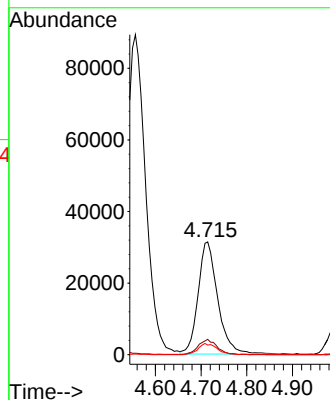
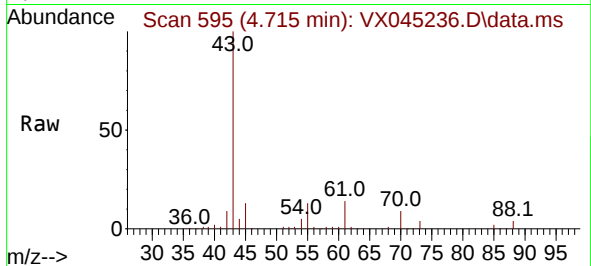




#37  
Ethyl Acetate  
Concen: 48.257 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

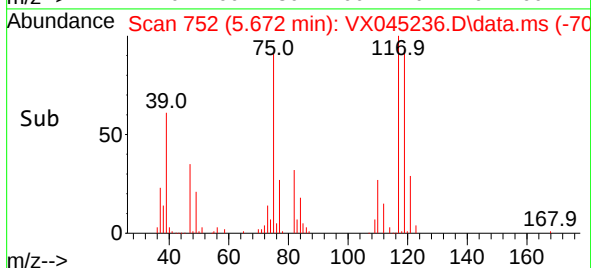
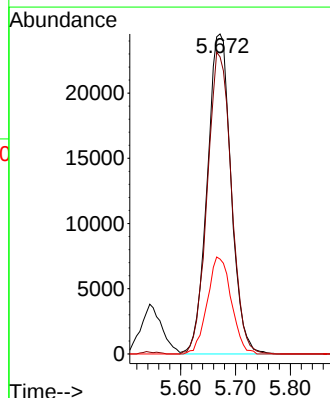
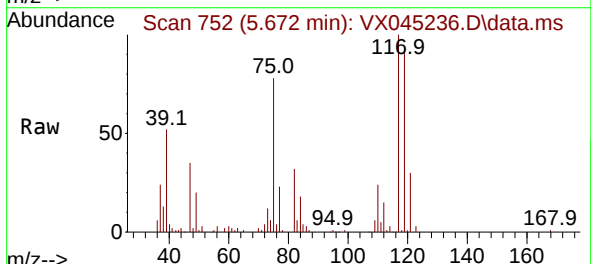
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

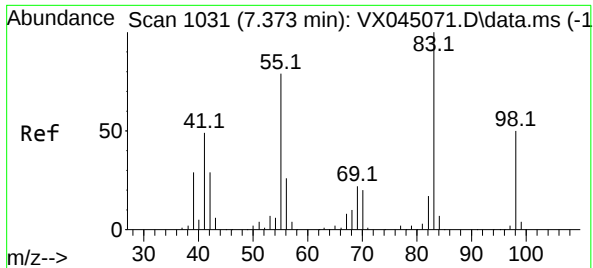
Tgt Ion: 43 Resp: 93428  
Ion Ratio Lower Upper  
43 100  
61 13.1 10.8 16.2  
70 9.7 7.7 11.5



#38  
Carbon Tetrachloride  
Concen: 48.524 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 117 Resp: 74018  
Ion Ratio Lower Upper  
117 100  
119 92.8 76.7 115.1  
121 29.6 25.5 38.3

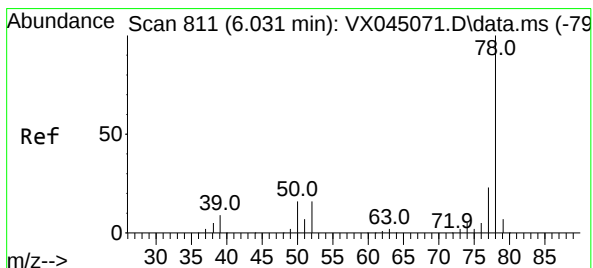
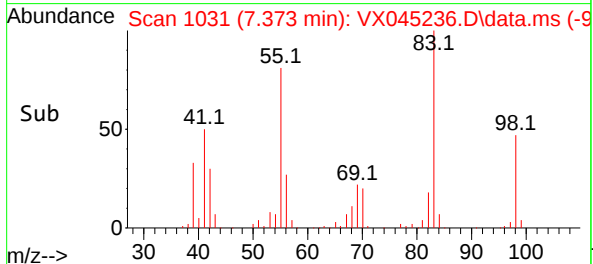
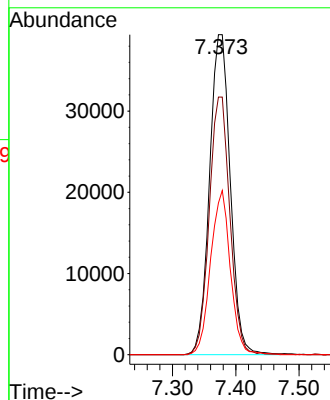
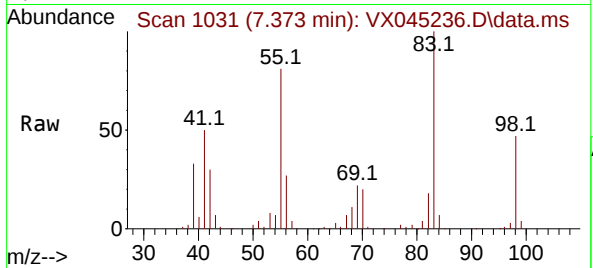




#39  
Methylcyclohexane  
Concen: 49.918 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

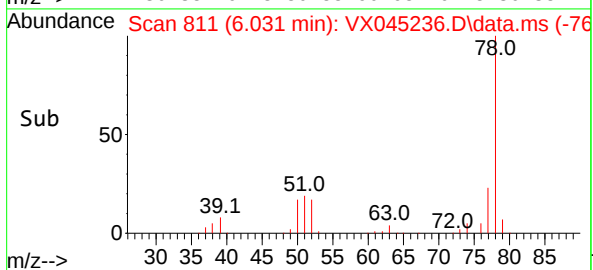
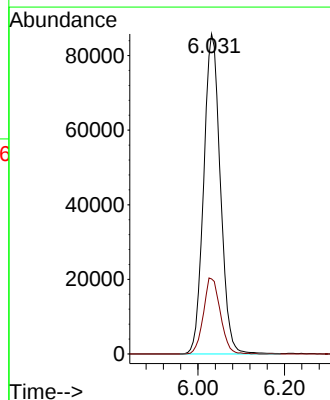
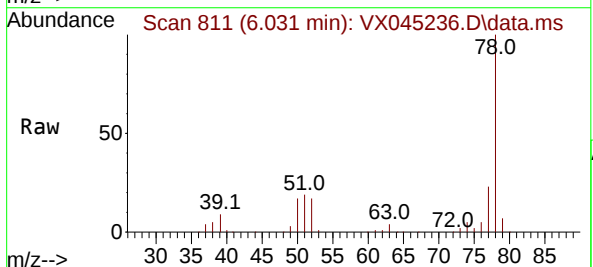
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

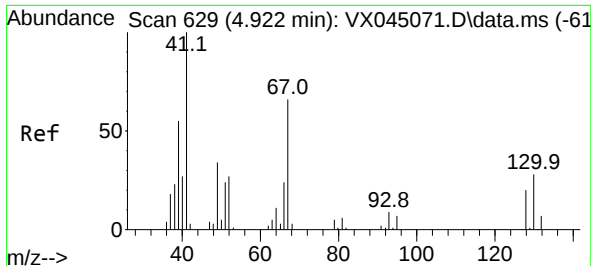
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 89869 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 80.5     | 63.0 94.4   |
| 98 47.4     | 39.7 59.5   |



#40  
Benzene  
Concen: 48.279 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

|             |              |
|-------------|--------------|
| Tgt Ion: 78 | Resp: 229062 |
| Ion Ratio   | Lower Upper  |
| 78 100      |              |
| 77 23.5     | 18.8 28.2    |

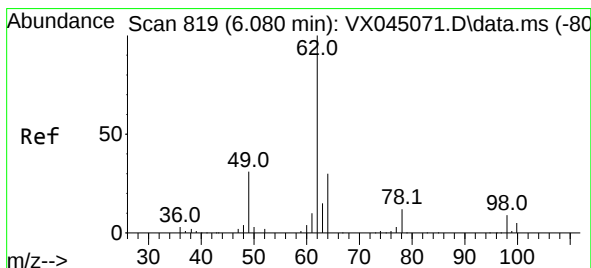
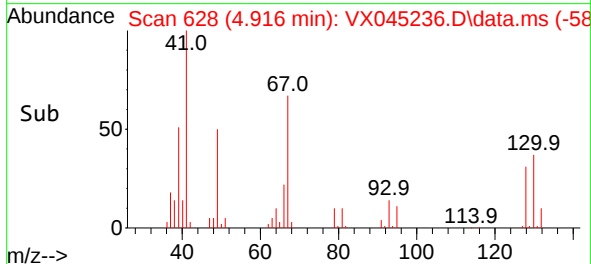
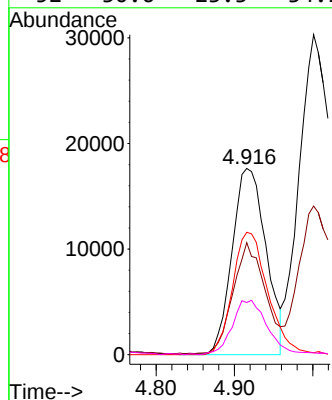
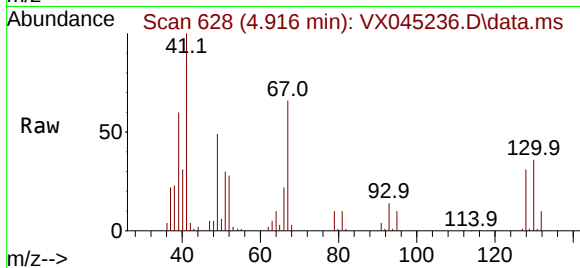




#41  
Methacrylonitrile  
Concen: 50.825 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

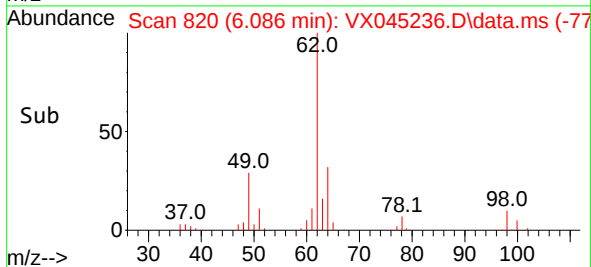
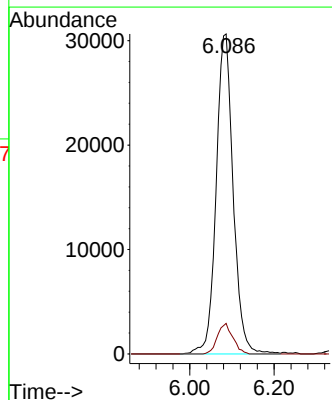
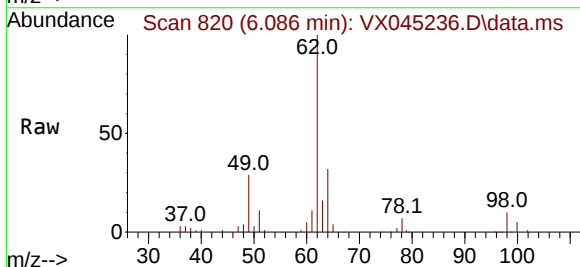
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

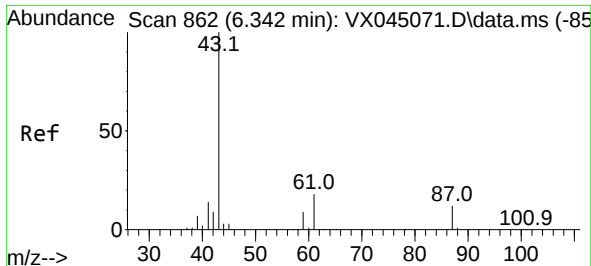
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 53206 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.0  | 44.6  | 67.0  |
| 67       | 68.5  | 53.9  | 80.9  |
| 52       | 30.6  | 23.3  | 34.9  |



#42  
1,2-Dichloroethane  
Concen: 50.114 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 85619 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.7   | 0.0   | 18.2  |

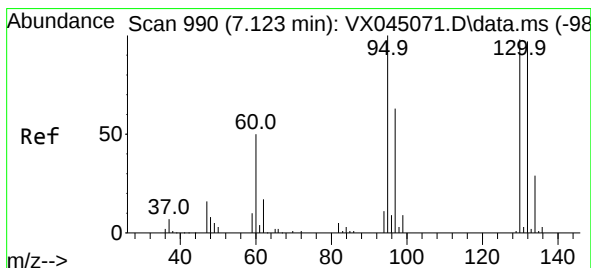
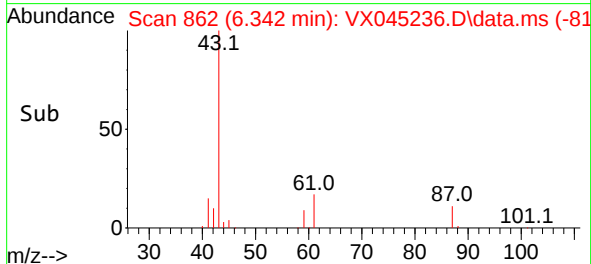
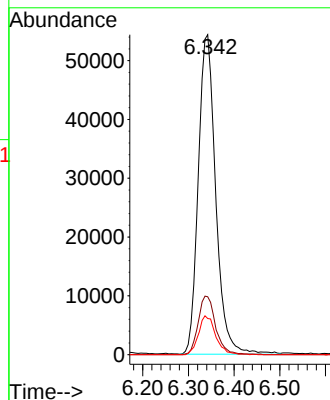
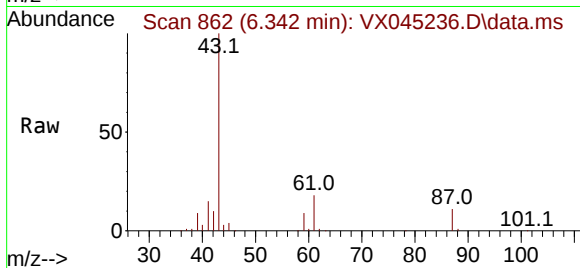




#43  
Isopropyl Acetate  
Concen: 50.354 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

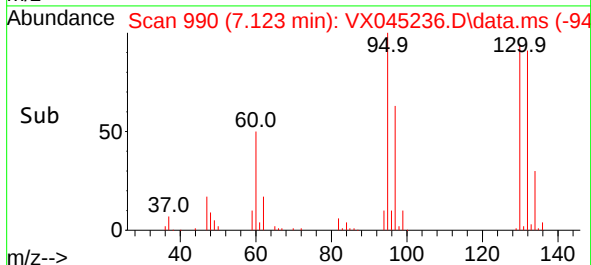
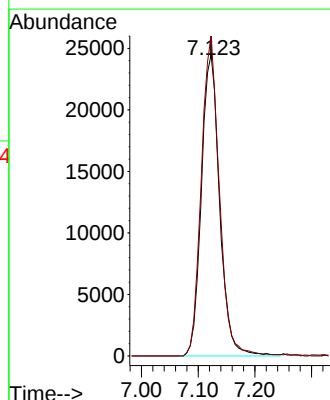
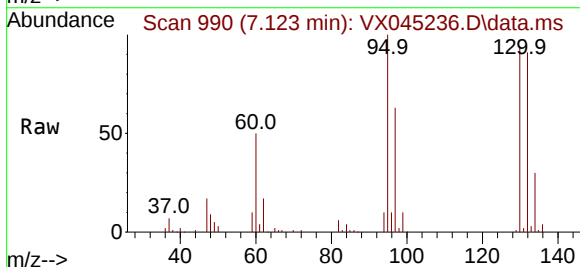
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

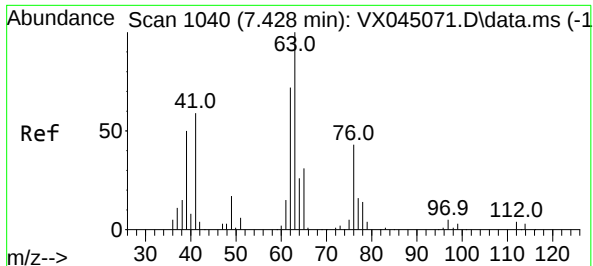
Tgt Ion: 43 Resp: 144156  
Ion Ratio Lower Upper  
43 100  
61 18.3 14.9 22.3  
87 11.9 9.4 14.2



#44  
Trichloroethene  
Concen: 48.992 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion:130 Resp: 54580  
Ion Ratio Lower Upper  
130 100  
95 106.2 0.0 205.0





#45

1,2-Dichloropropane

Concen: 47.849 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

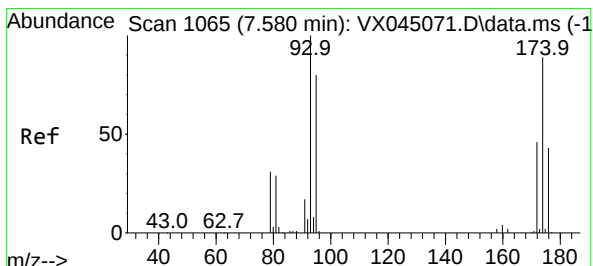
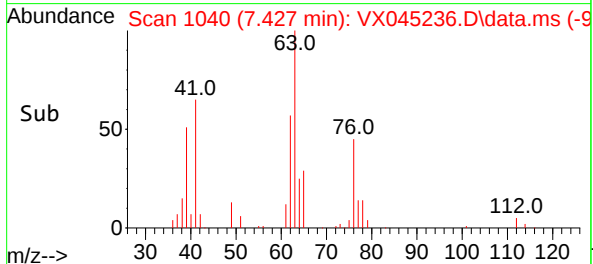
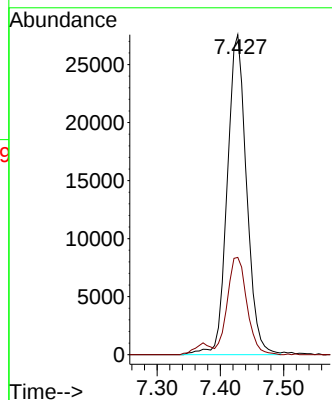
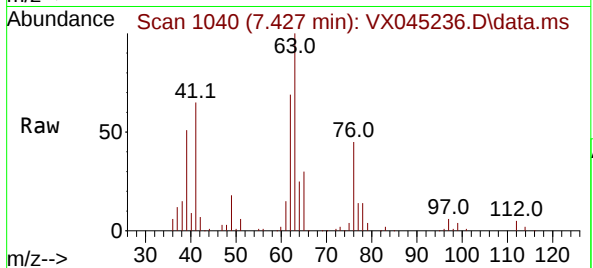
VSTDCCC050EC

Tgt Ion: 63 Resp: 58369

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



#46

Dibromomethane

Concen: 50.517 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

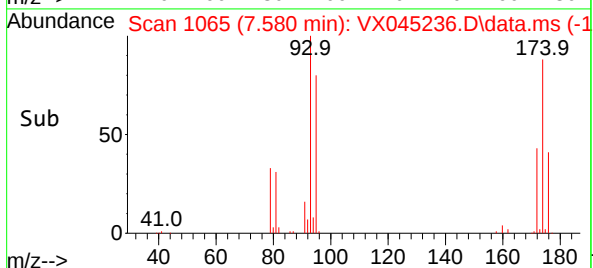
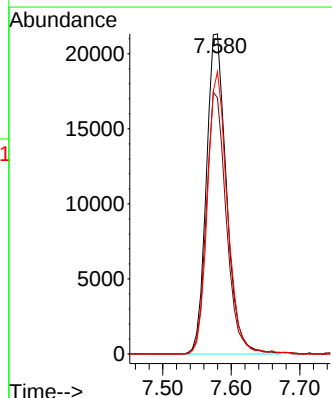
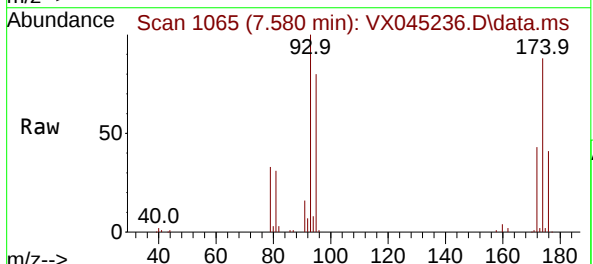
Tgt Ion: 93 Resp: 43556

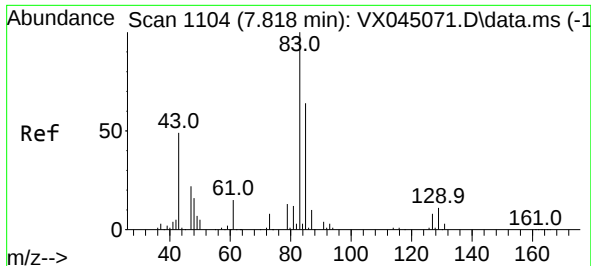
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.8

174 86.9 72.2 108.2

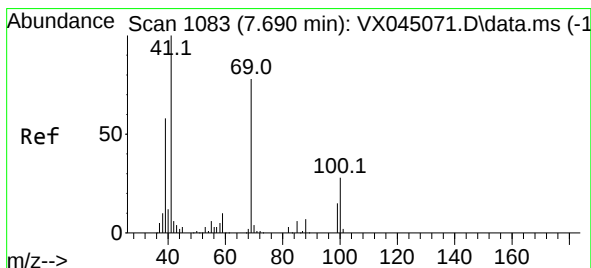
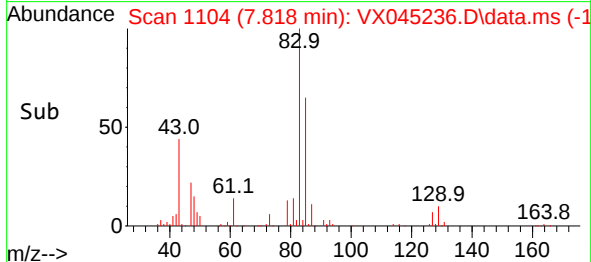
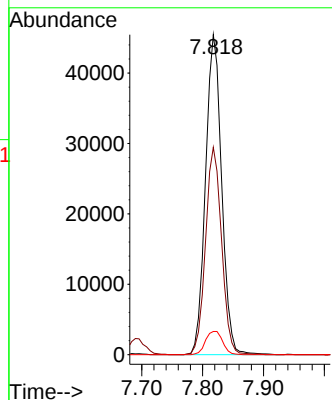
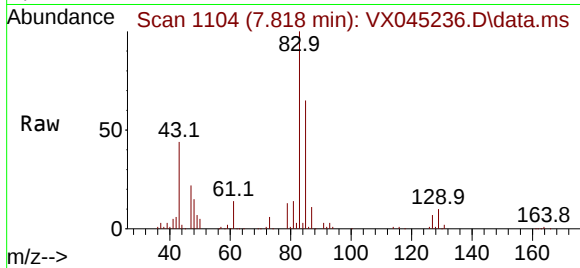




#47  
Bromodichloromethane  
Concen: 49.493 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

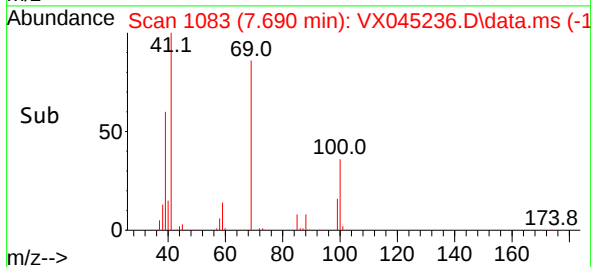
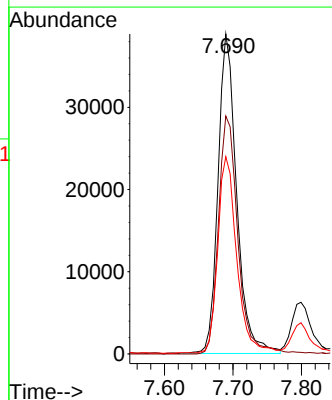
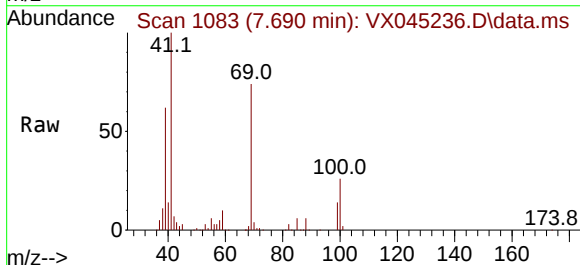
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

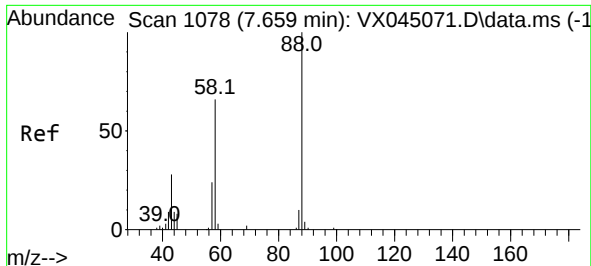
Tgt Ion: 83 Resp: 83702  
Ion Ratio Lower Upper  
83 100  
85 64.8 51.1 76.7  
127 7.2 6.4 9.6



#48  
Methyl methacrylate  
Concen: 50.982 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 41 Resp: 73223  
Ion Ratio Lower Upper  
41 100  
69 78.4 63.0 94.6  
39 62.1 47.5 71.3





#49

1,4-Dioxane

Concen: 921.987 ug/l

RT: 7.659 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

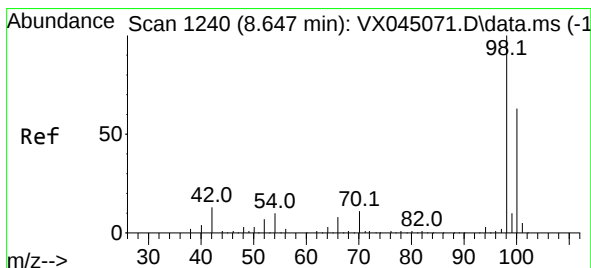
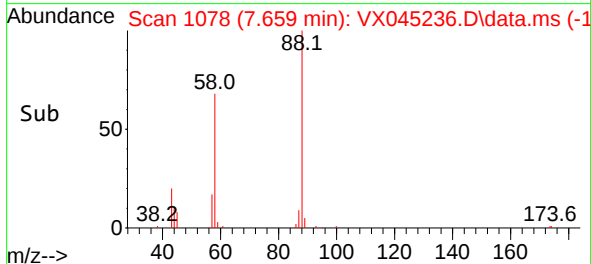
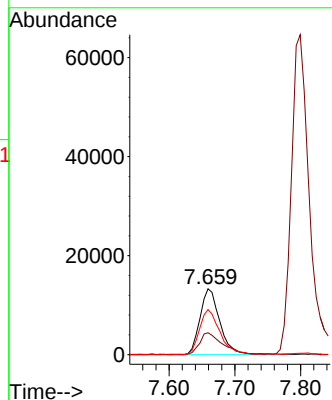
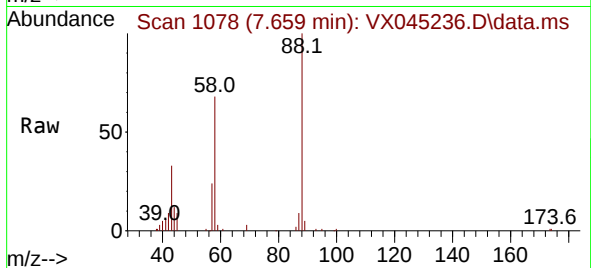
Tgt Ion: 88 Resp: 27933

Ion Ratio Lower Upper

88 100

43 37.4 28.7 43.1

58 70.6 55.8 83.8



#50

Toluene-d8

Concen: 45.304 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045236.D

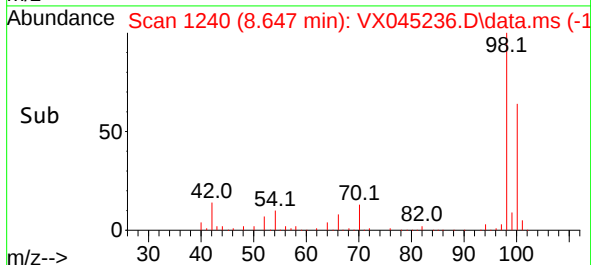
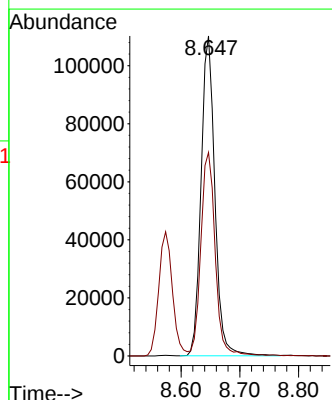
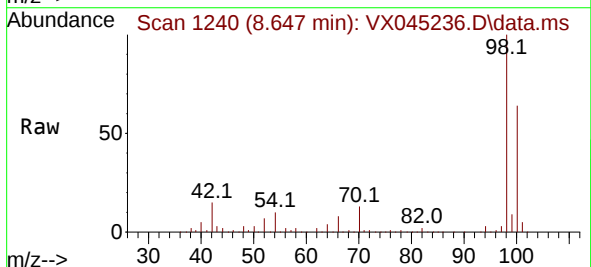
Acq: 11 Mar 2025 19:49

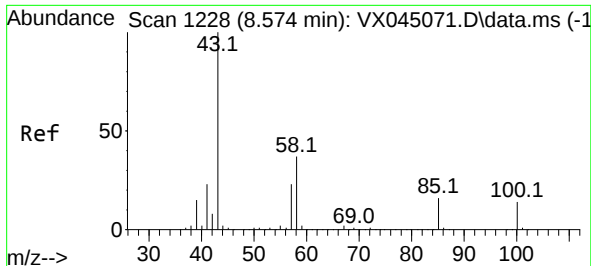
Tgt Ion: 98 Resp: 179940

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

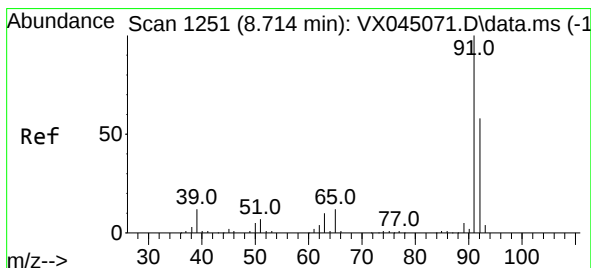
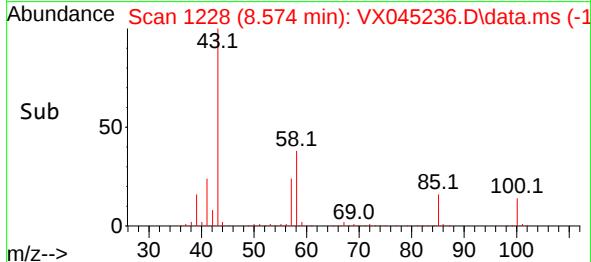
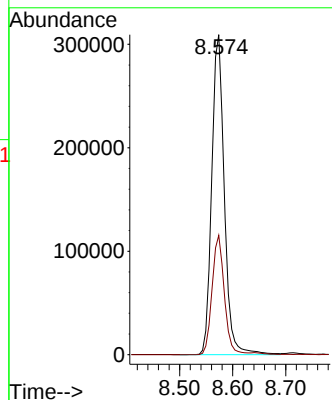
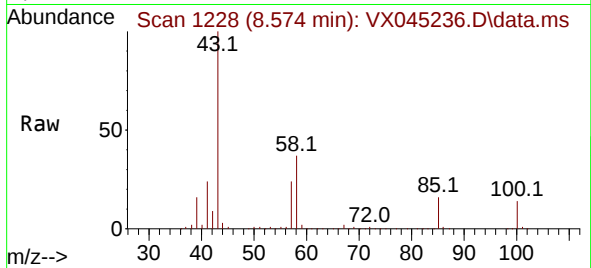




#51  
4-Methyl-2-Pentanone  
Concen: 265.178 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

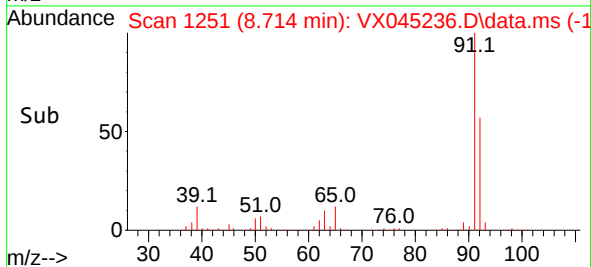
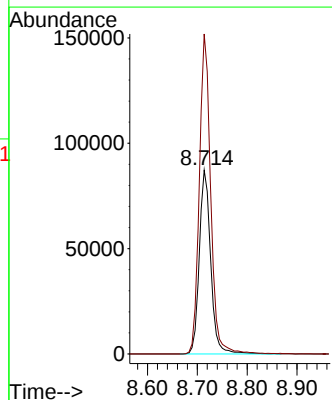
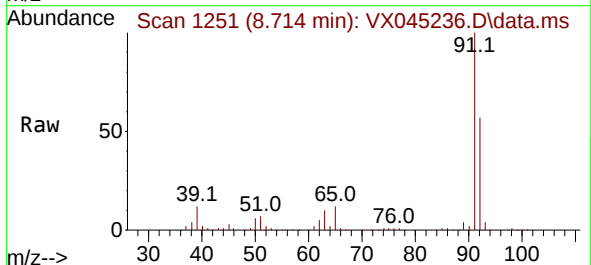
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

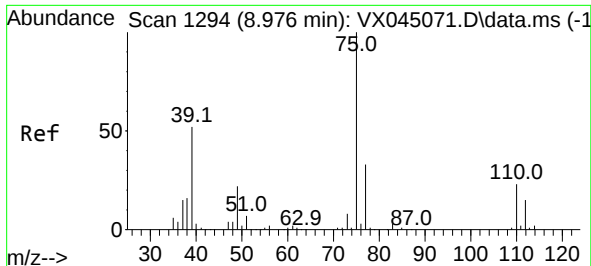
Tgt Ion: 43 Resp: 509737  
Ion Ratio Lower Upper  
43 100  
58 36.3 29.2 43.8



#52  
Toluene  
Concen: 49.706 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 92 Resp: 138365  
Ion Ratio Lower Upper  
92 100  
91 173.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 51.776 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

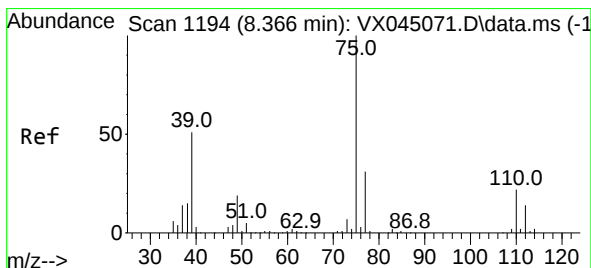
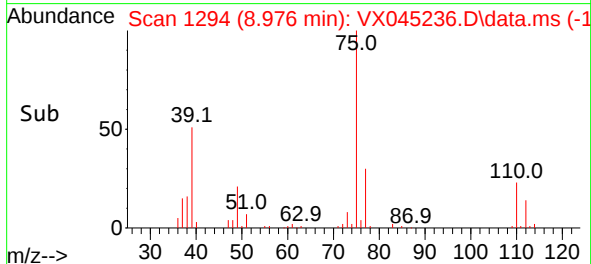
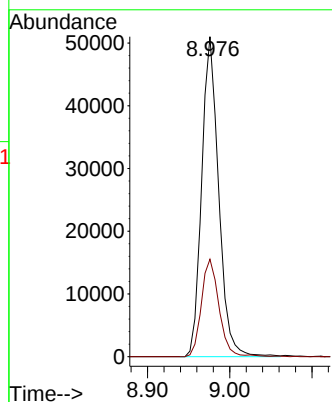
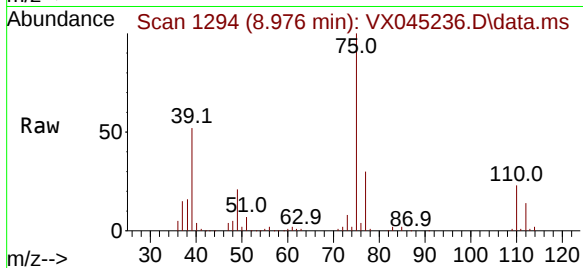
VSTDCCC050EC

Tgt Ion: 75 Resp: 73204

Ion Ratio Lower Upper

75 100

77 30.4 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 51.871 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

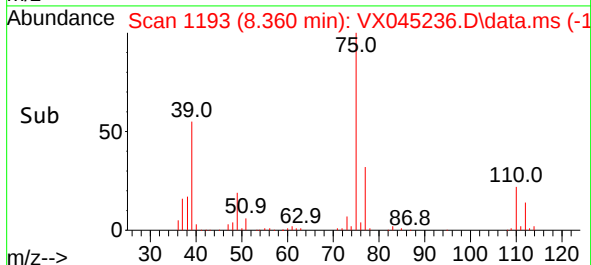
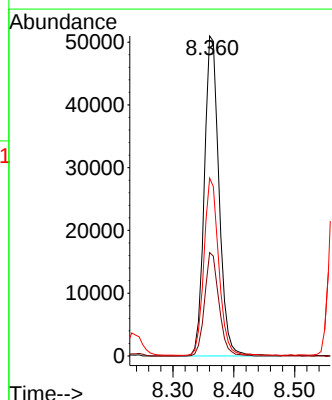
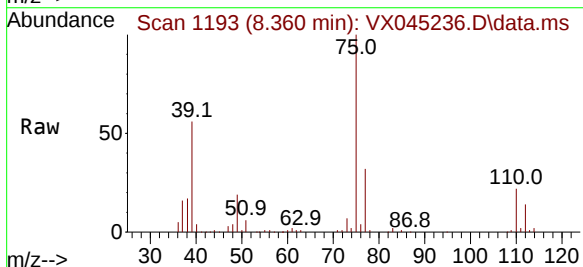
Tgt Ion: 75 Resp: 85519

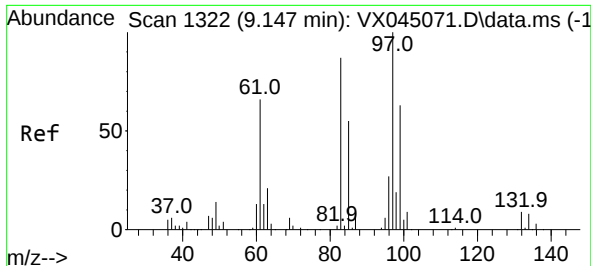
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 55.3 40.7 61.1

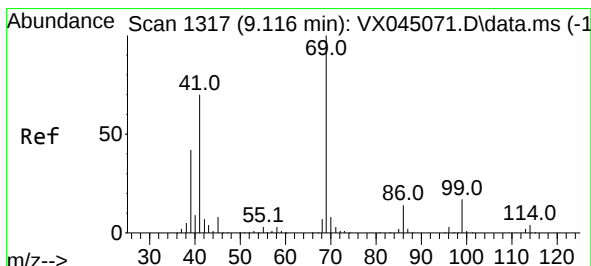
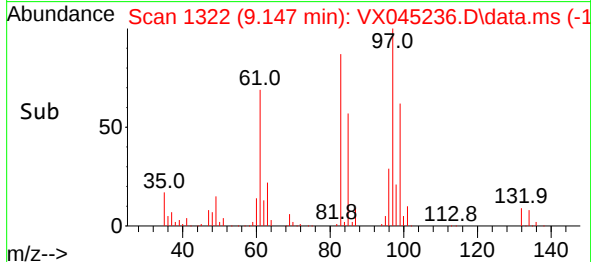
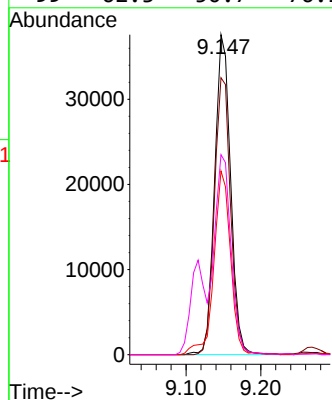
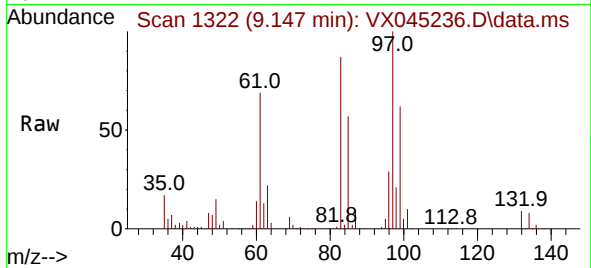




#55  
1,1,2-Trichloroethane  
Concen: 48.779 ug/l  
RT: 9.147 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

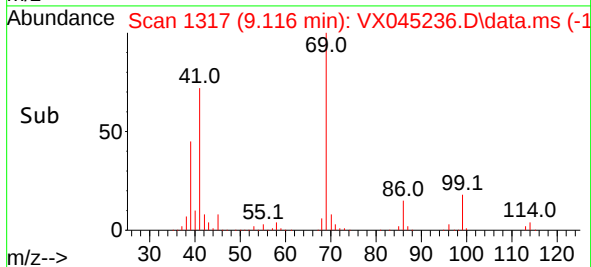
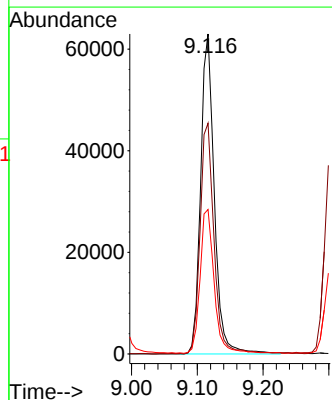
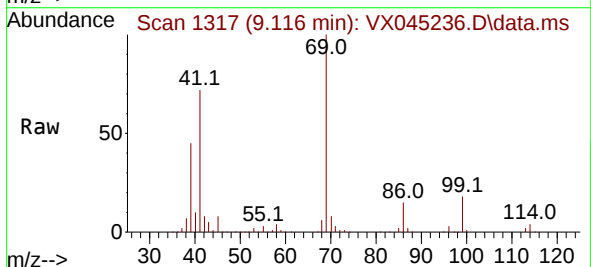
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

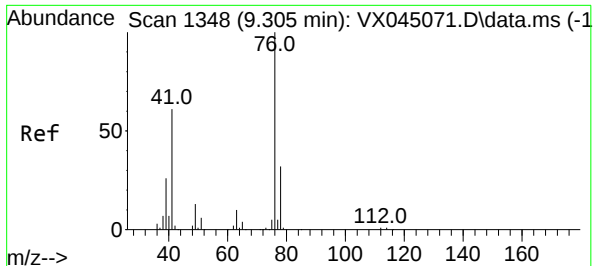
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 55900 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.6  | 69.4  | 104.2 |
| 85       | 57.4  | 44.1  | 66.1  |
| 99       | 62.3  | 50.7  | 76.1  |



#56  
Ethyl methacrylate  
Concen: 52.366 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 91220 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 73.8  | 57.0  | 85.4  |
| 39       | 46.4  | 34.2  | 51.4  |





#57

1,3-Dichloropropane

Concen: 50.051 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

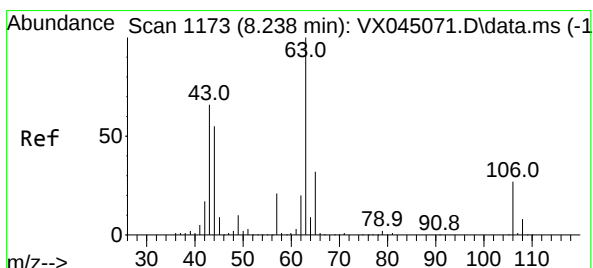
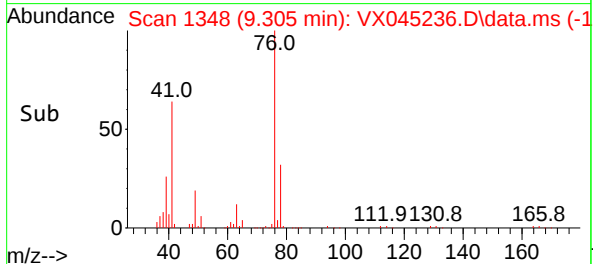
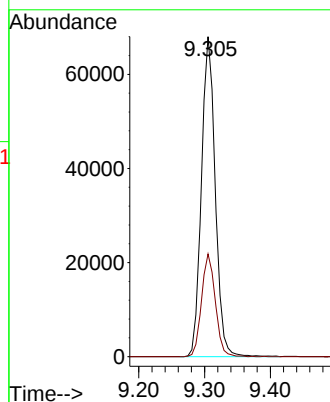
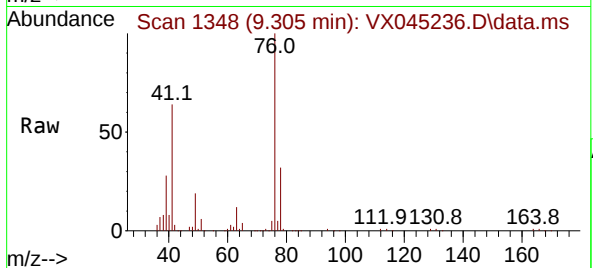
VSTDCCC050EC

Tgt Ion: 76 Resp: 99262

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 279.825 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045236.D

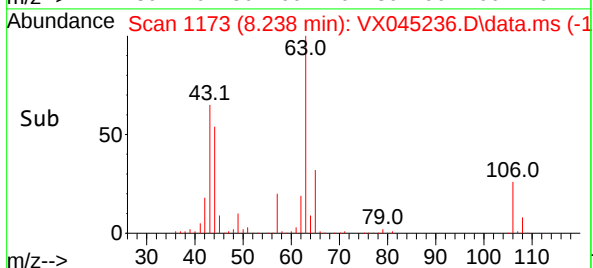
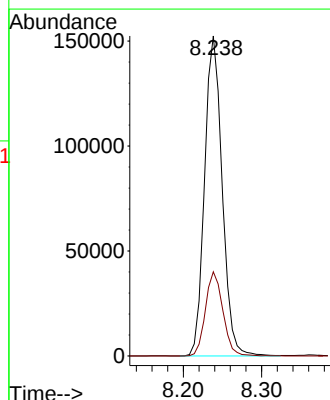
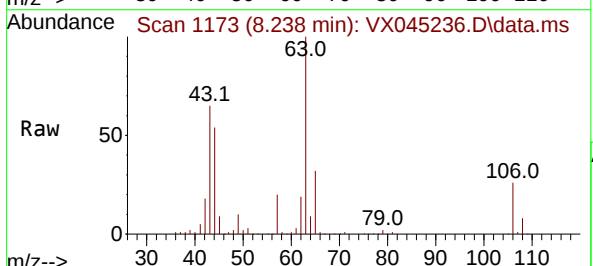
Acq: 11 Mar 2025 19:49

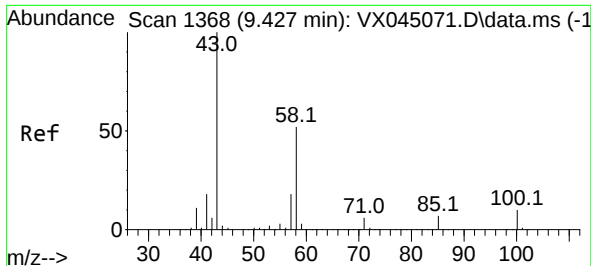
Tgt Ion: 63 Resp: 237779

Ion Ratio Lower Upper

63 100

106 26.1 21.5 32.3

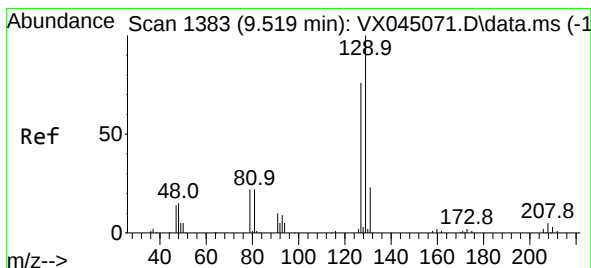
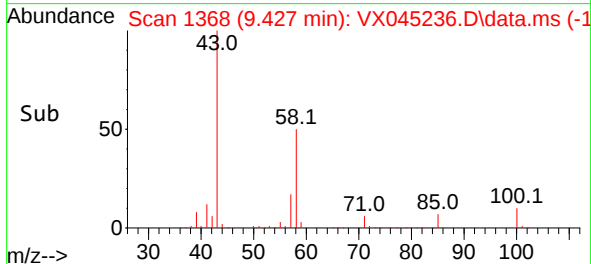
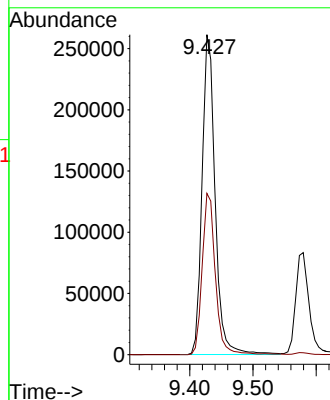
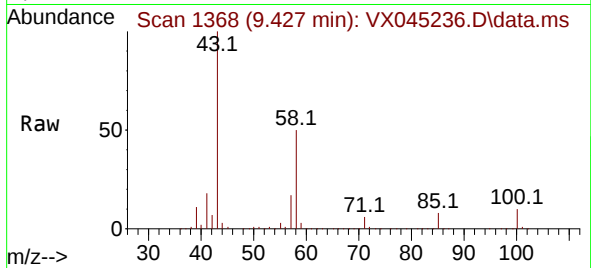




#59  
2-Hexanone  
Concen: 269.459 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

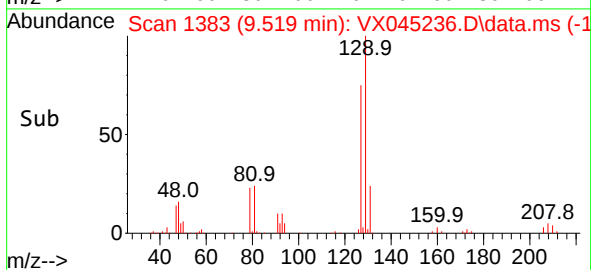
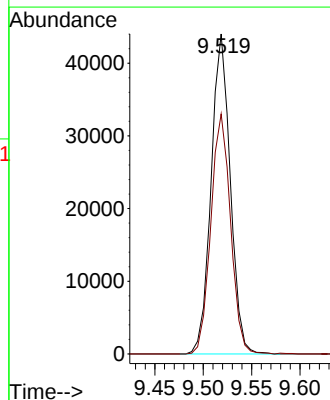
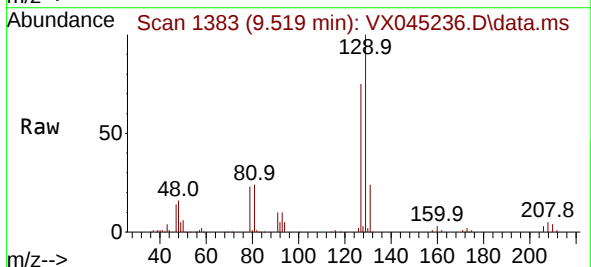
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

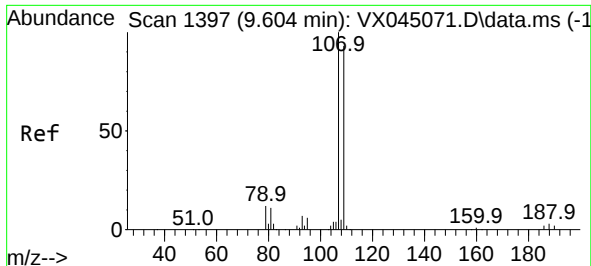
Tgt Ion: 43 Resp: 375289  
Ion Ratio Lower Upper  
43 100  
58 50.8 25.9 77.6



#60  
Dibromochloromethane  
Concen: 50.586 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 129 Resp: 60613  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.5 115.5

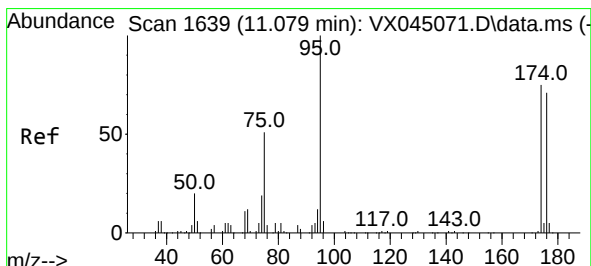
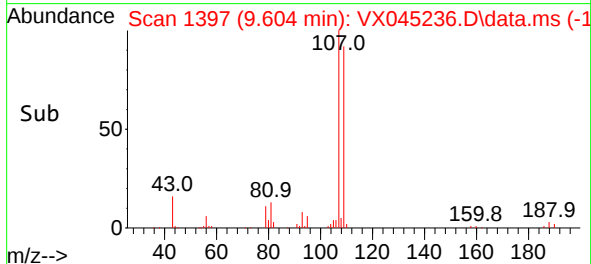
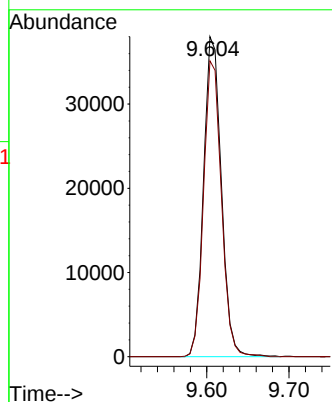
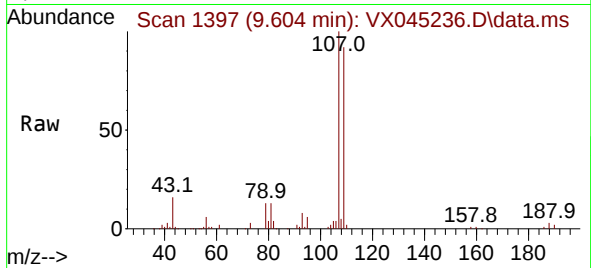




#61  
1,2-Dibromoethane  
Concen: 49.904 ug/l  
RT: 9.604 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

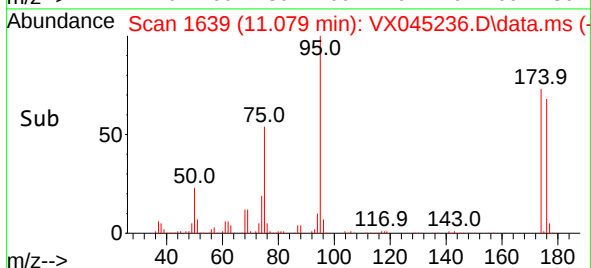
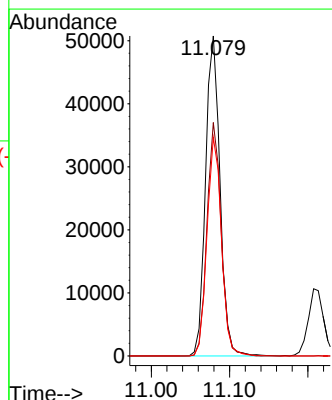
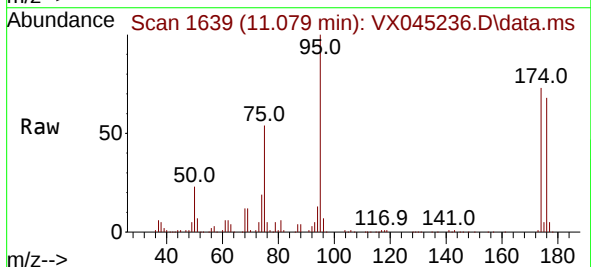
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

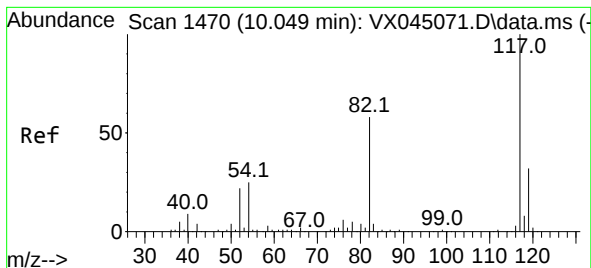
Tgt Ion:107 Resp: 57091  
Ion Ratio Lower Upper  
107 100  
109 92.8 76.1 114.1



#62  
4-Bromofluorobenzene  
Concen: 49.251 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 95 Resp: 64822  
Ion Ratio Lower Upper  
95 100  
174 72.1 0.0 148.2  
176 68.2 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

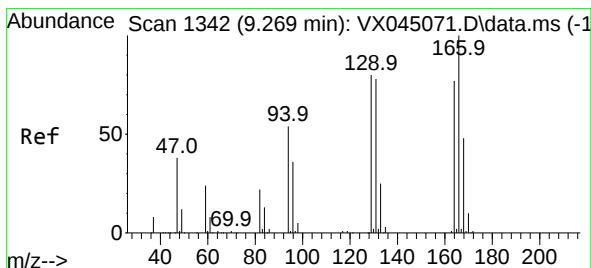
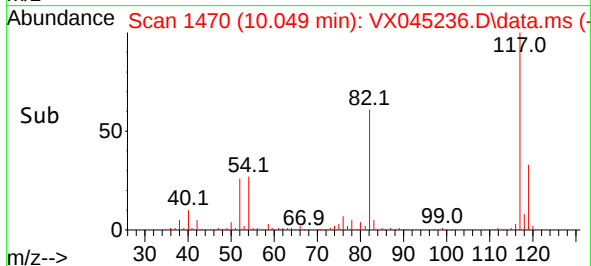
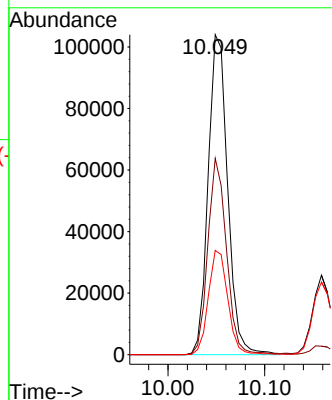
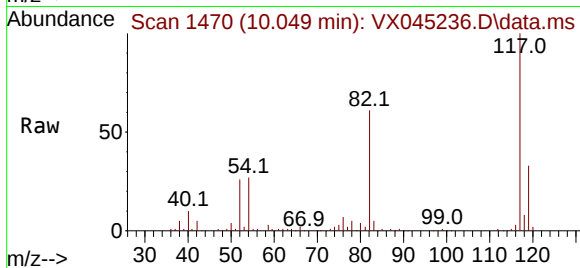
Tgt Ion:117 Resp: 145456

Ion Ratio Lower Upper

117 100

82 61.4 46.3 69.5

119 32.6 25.7 38.5



#64

Tetrachloroethene

Concen: 47.383 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Tgt Ion:164 Resp: 44141

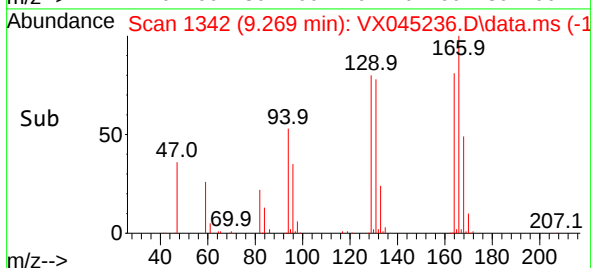
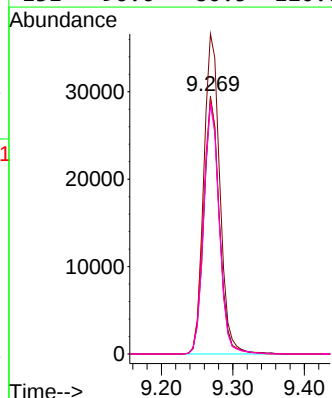
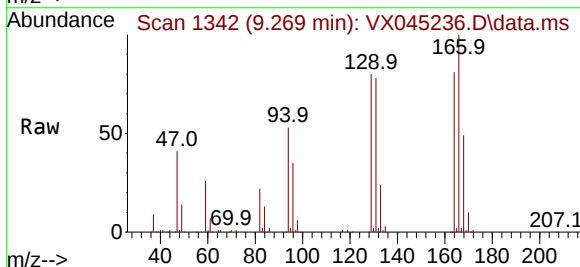
Ion Ratio Lower Upper

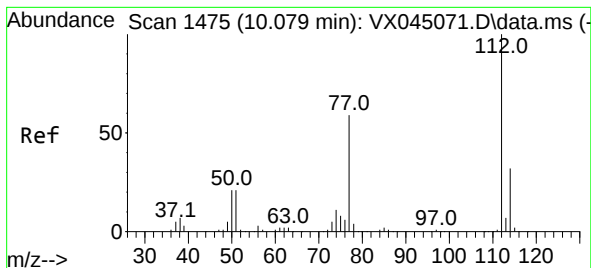
164 100

166 124.2 103.6 155.4

129 99.0 82.7 124.1

131 96.6 80.5 120.7

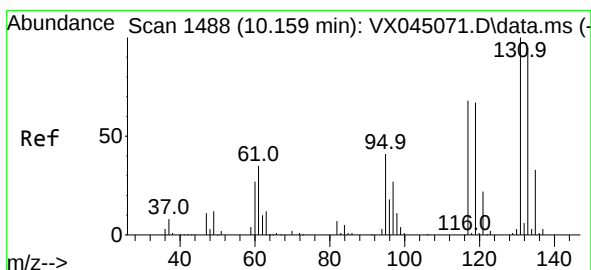
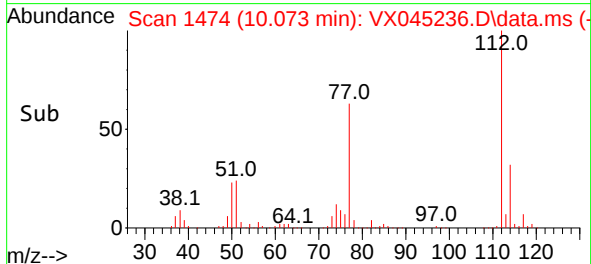
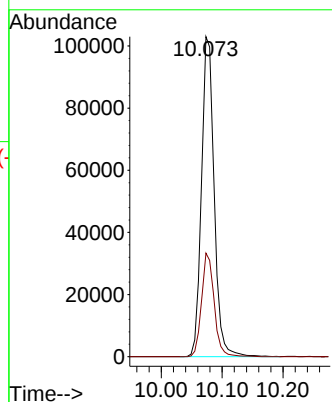
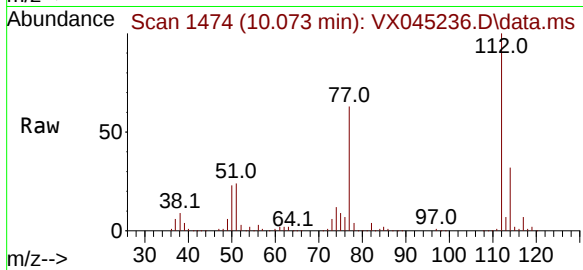




#65  
Chlorobenzene  
Concen: 48.585 ug/l  
RT: 10.073 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

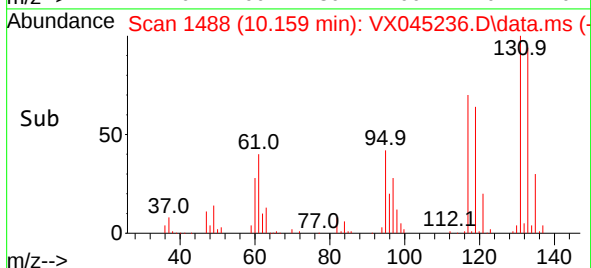
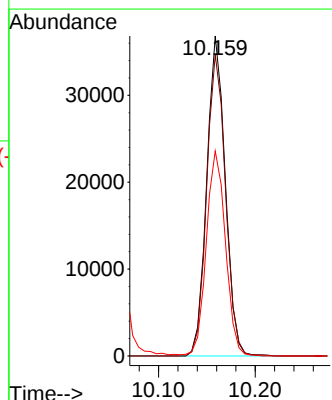
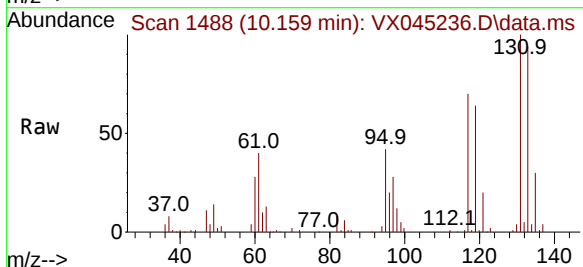
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

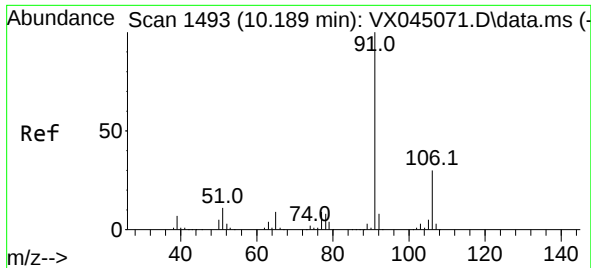
Tgt Ion:112 Resp: 149536  
Ion Ratio Lower Upper  
112 100  
114 32.4 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.936 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion:131 Resp: 49133  
Ion Ratio Lower Upper  
131 100  
133 95.8 48.6 145.9  
119 66.2 33.9 101.7





#67

Ethyl Benzene

Concen: 50.100 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

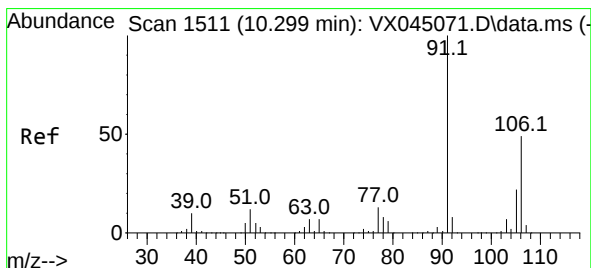
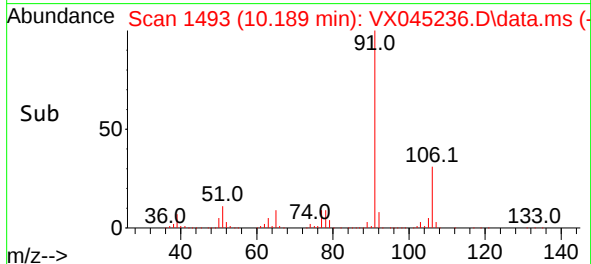
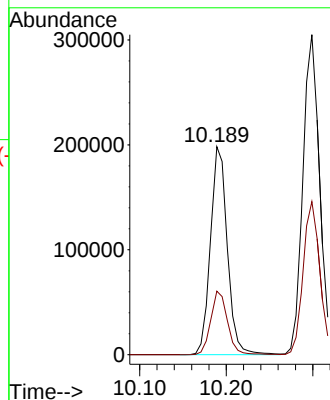
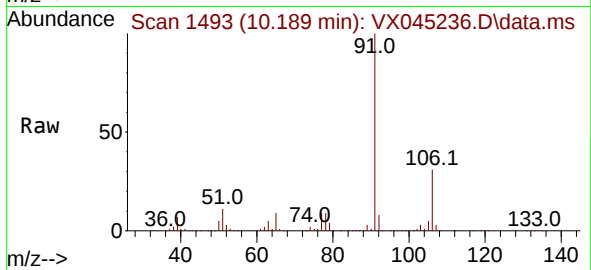
VSTDCCC050EC

Tgt Ion: 91 Resp: 268680

Ion Ratio Lower Upper

91 100

106 30.5 23.9 35.9



#68

m/p-Xylenes

Concen: 101.160 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045236.D

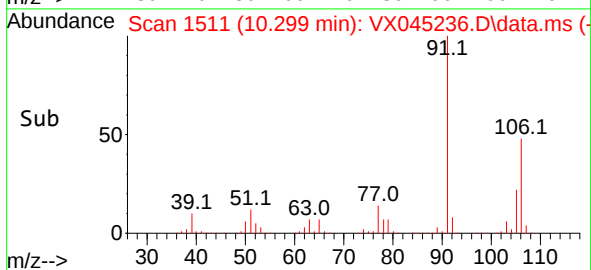
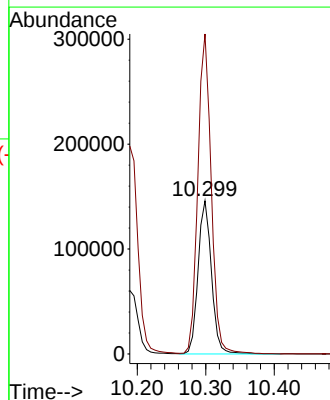
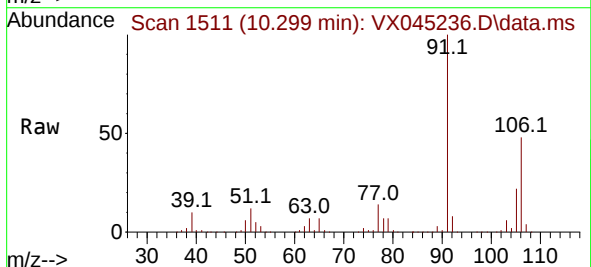
Acq: 11 Mar 2025 19:49

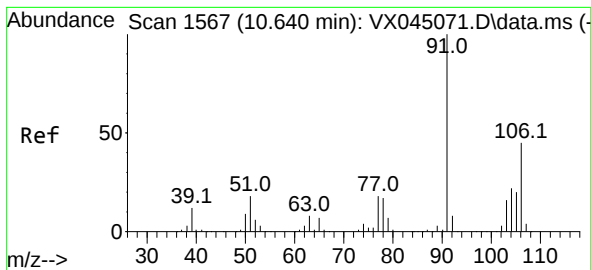
Tgt Ion:106 Resp: 198600

Ion Ratio Lower Upper

106 100

91 209.1 165.4 248.0





#69

o-Xylene

Concen: 49.018 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

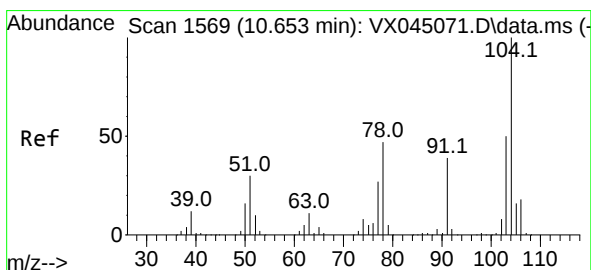
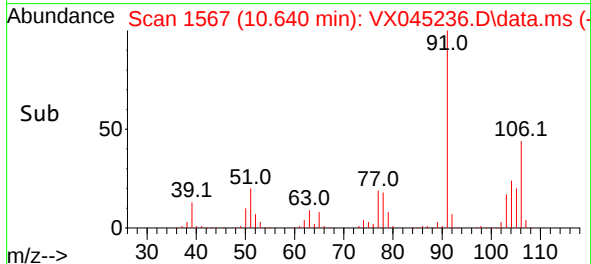
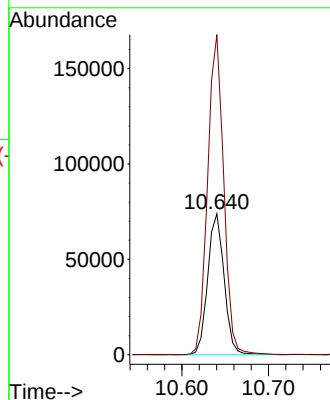
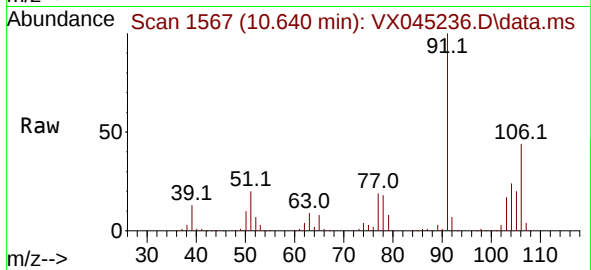
VSTDCCC050EC

Tgt Ion:106 Resp: 97058

Ion Ratio Lower Upper

106 100

91 222.9 109.9 329.6



#70

Styrene

Concen: 51.703 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

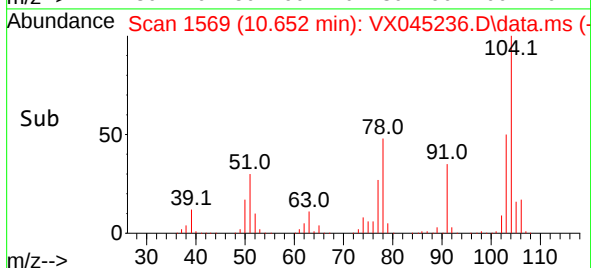
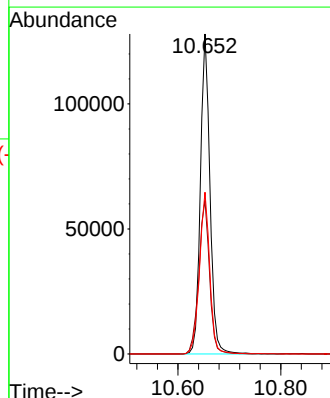
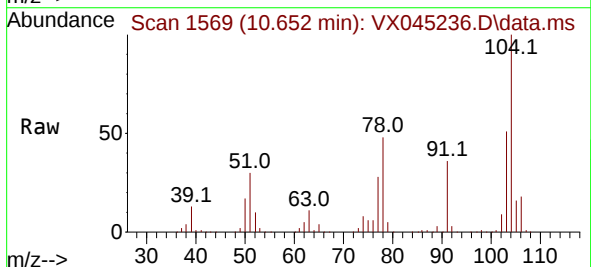
Tgt Ion:104 Resp: 165647

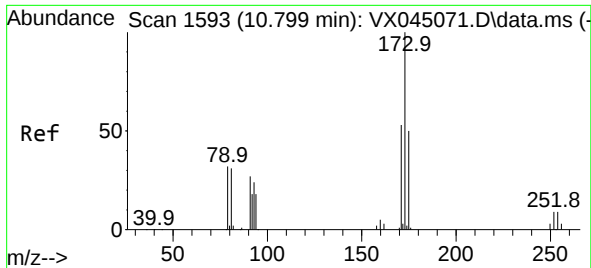
Ion Ratio Lower Upper

104 100

78 53.8 42.2 63.4

103 54.6 43.8 65.8

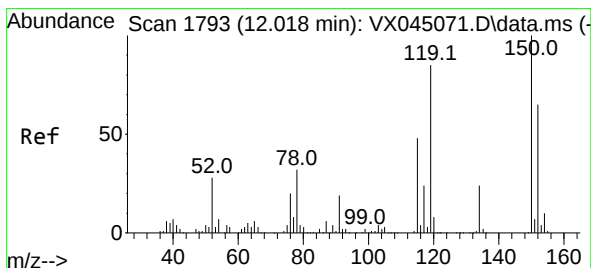
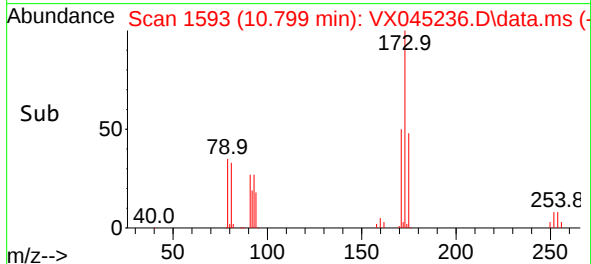
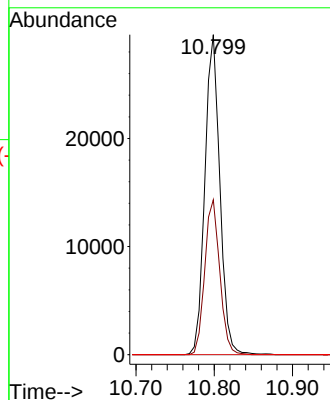
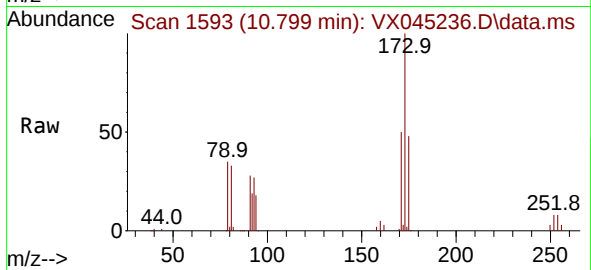




#71  
Bromoform  
Concen: 50.775 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

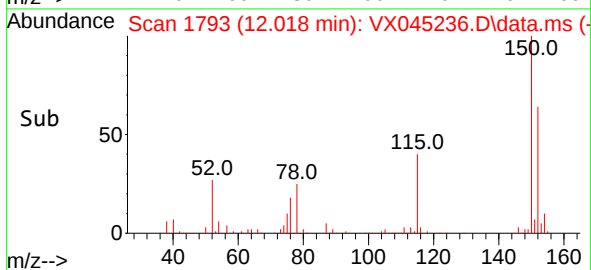
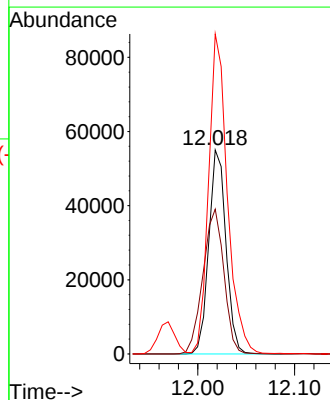
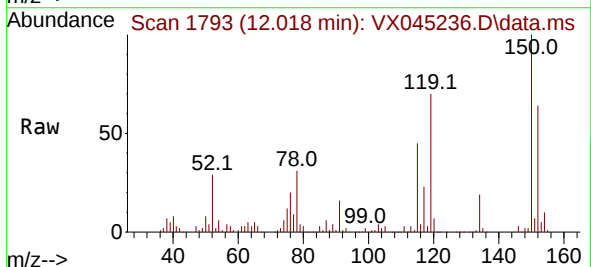
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

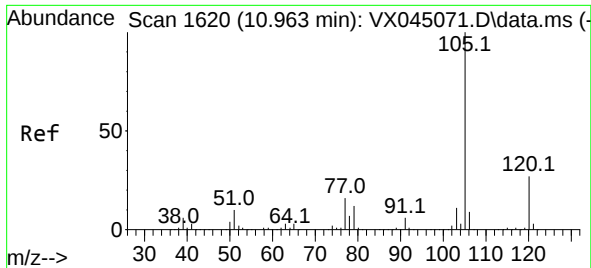
Tgt Ion:173 Resp: 39245  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.6 73.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion:152 Resp: 68174  
Ion Ratio Lower Upper  
152 100  
115 86.3 44.2 132.6  
150 171.5 0.0 349.0

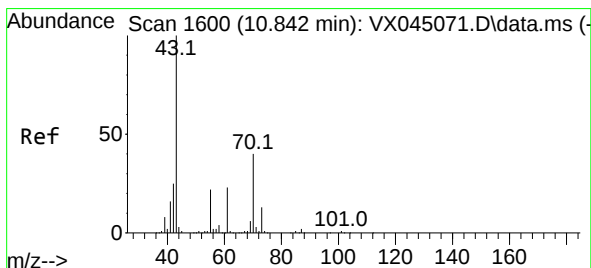
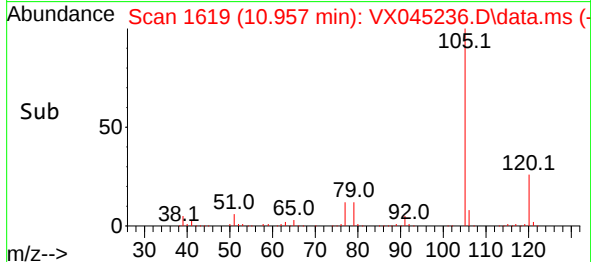
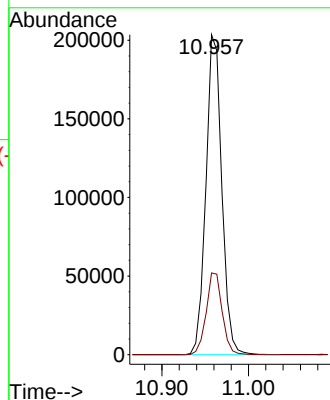
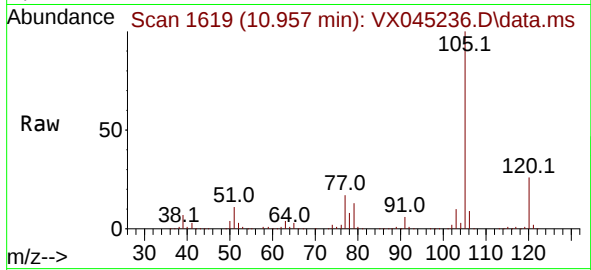




#73  
Isopropylbenzene  
Concen: 48.697 ug/l  
RT: 10.957 min Scan# 1619  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

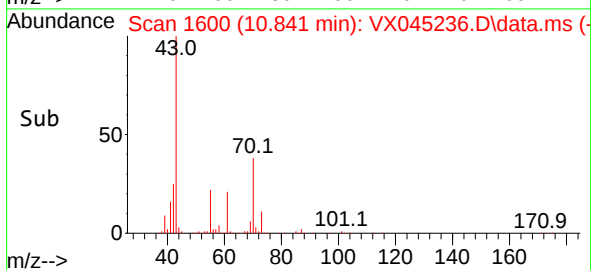
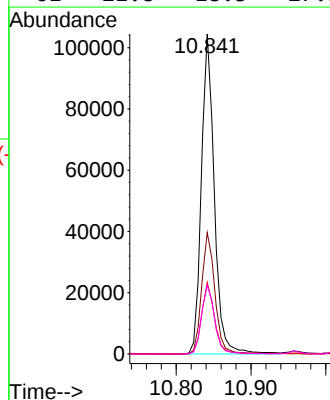
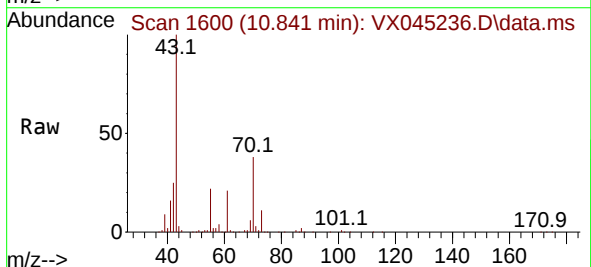
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

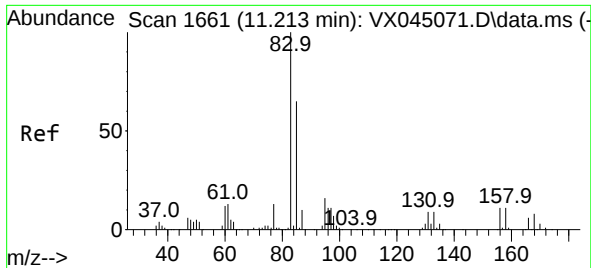
Tgt Ion:105 Resp: 259125  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.2 39.5



#74  
N-ethyl acetate  
Concen: 50.273 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 43 Resp: 125524  
Ion Ratio Lower Upper  
43 100  
70 38.8 31.8 47.6  
55 22.5 18.3 27.5  
61 21.8 18.3 27.5

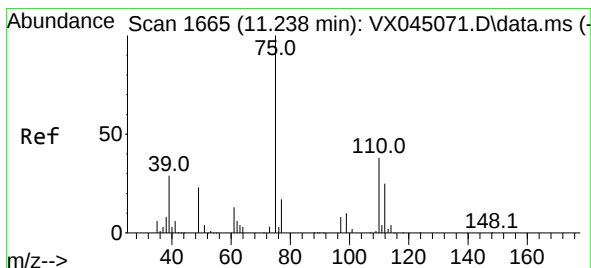
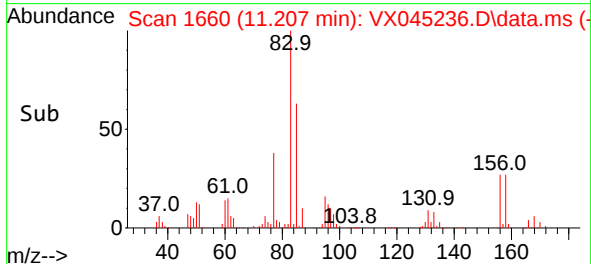
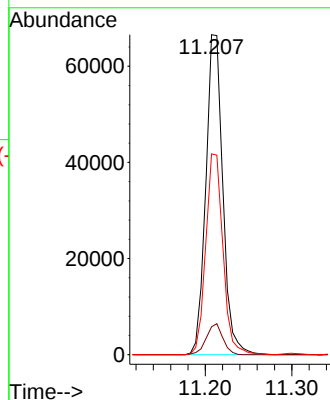
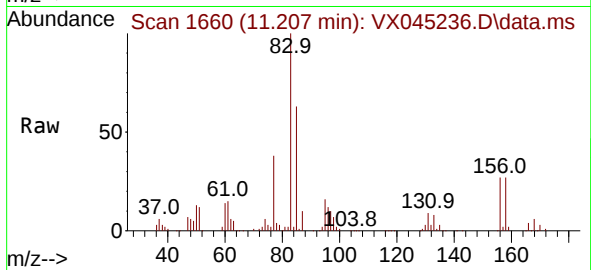




#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.625 ug/l  
RT: 11.207 min Scan# 1660  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

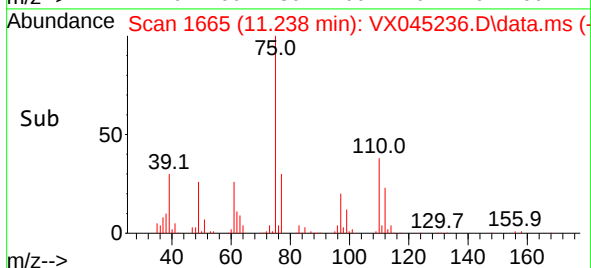
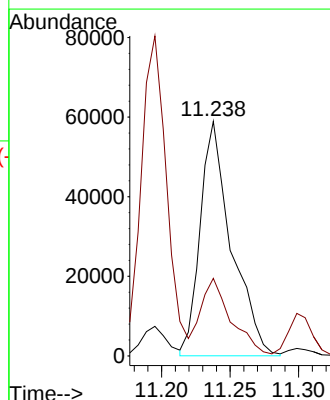
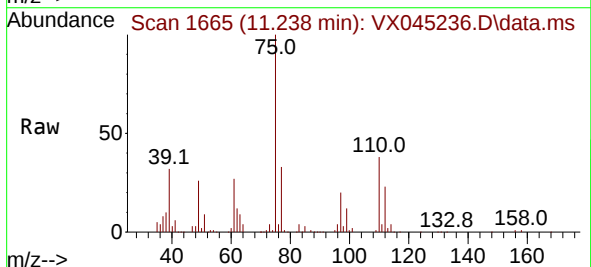
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

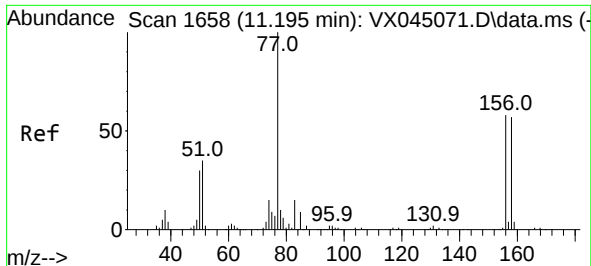
Tgt Ion: 83 Resp: 91044  
Ion Ratio Lower Upper  
83 100  
131 9.4 4.5 13.4  
85 63.3 31.7 95.1



#76  
1,2,3-Trichloropropane  
Concen: 58.978 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 75 Resp: 93583  
Ion Ratio Lower Upper  
75 100  
77 32.4 20.7 62.1

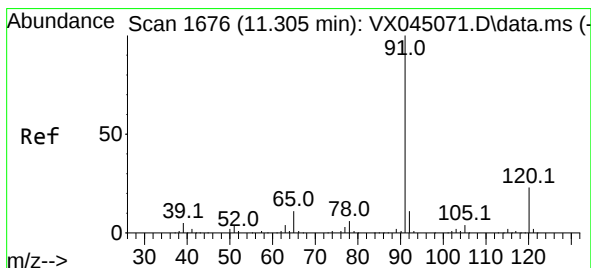
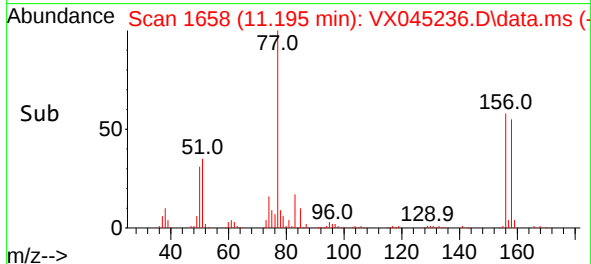
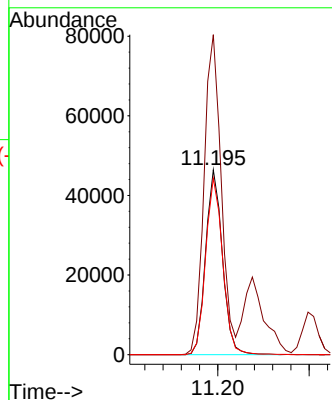
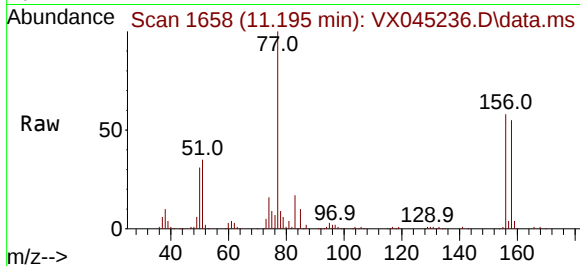




#77  
Bromobenzene  
Concen: 46.980 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

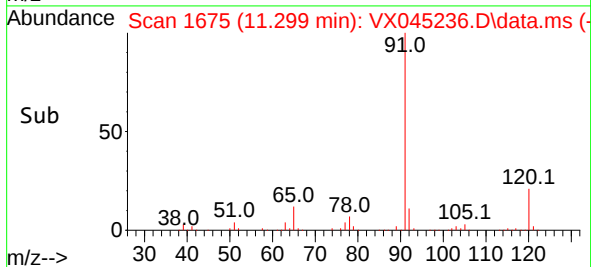
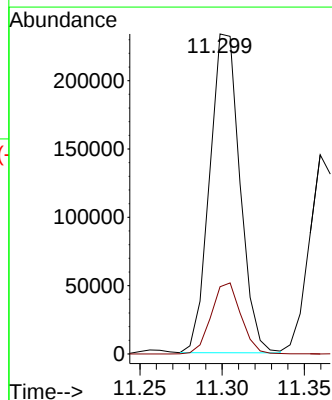
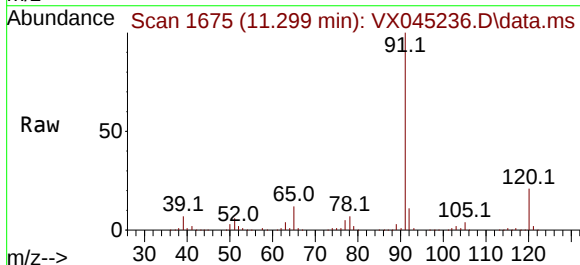
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

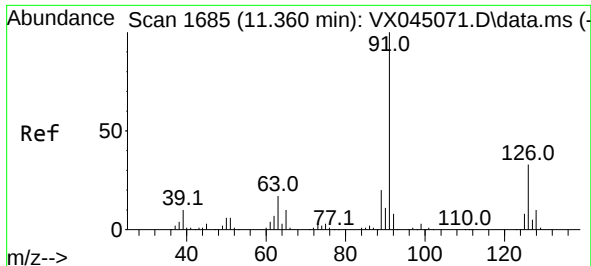
Tgt Ion:156 Resp: 58983  
Ion Ratio Lower Upper  
156 100  
77 177.0 85.8 257.4  
158 97.4 48.4 145.2



#78  
n-propylbenzene  
Concen: 49.745 ug/l  
RT: 11.299 min Scan# 1675  
Delta R.T. -0.006 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 91 Resp: 299014  
Ion Ratio Lower Upper  
91 100  
120 21.9 11.2 33.6

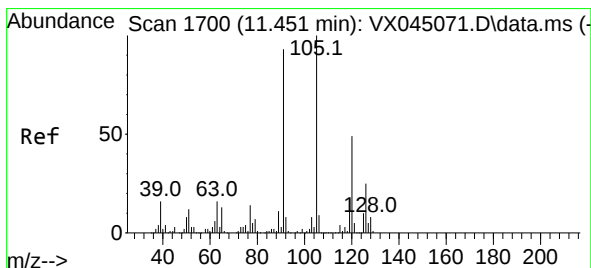
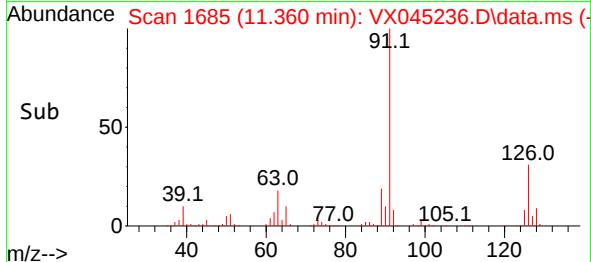
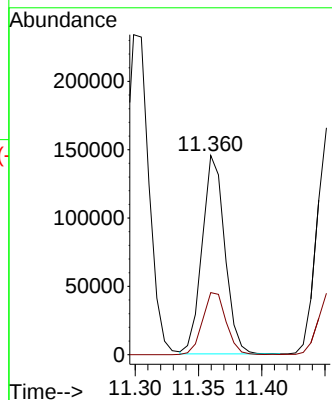
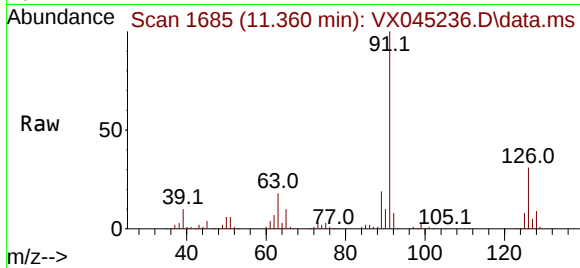




#79  
2-Chlorotoluene  
Concen: 47.340 ug/l  
RT: 11.360 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

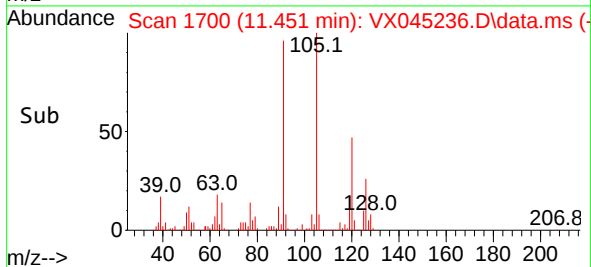
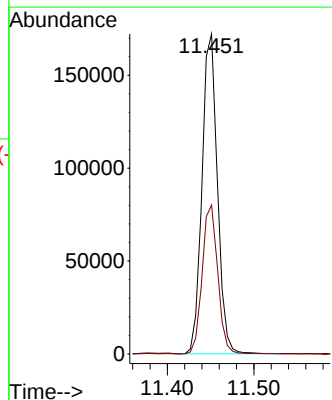
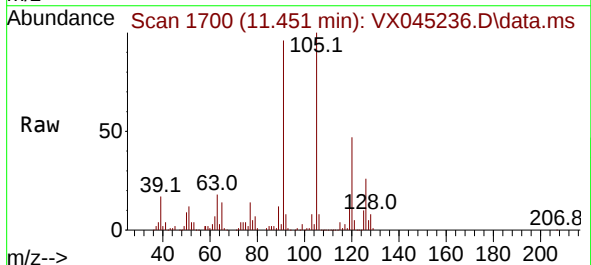
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

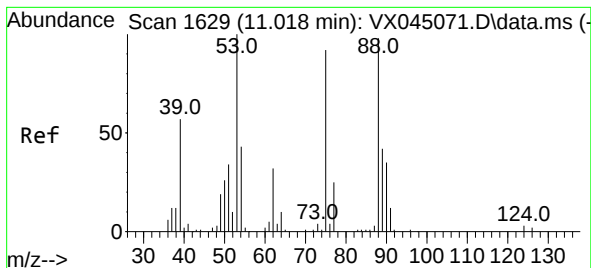
Tgt Ion: 91 Resp: 181227  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.4 49.4



#80  
1,3,5-Trimethylbenzene  
Concen: 49.457 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion:105 Resp: 212792  
Ion Ratio Lower Upper  
105 100  
120 47.2 24.1 72.2

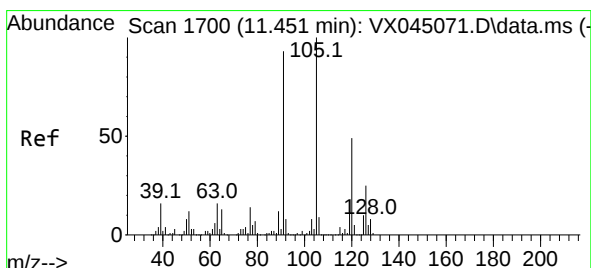
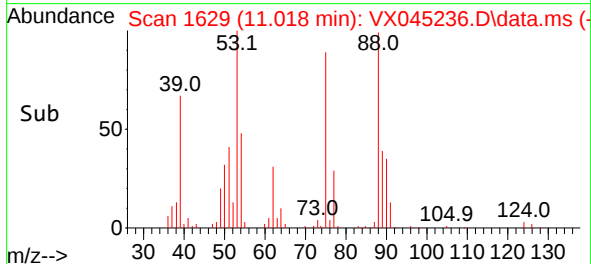
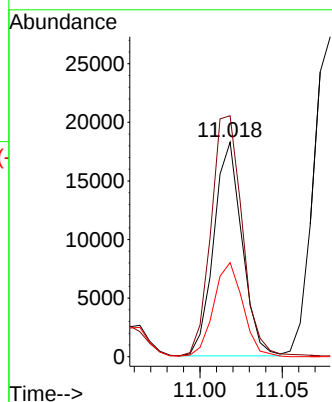
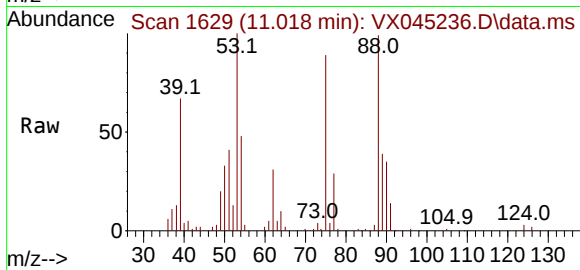




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.228 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

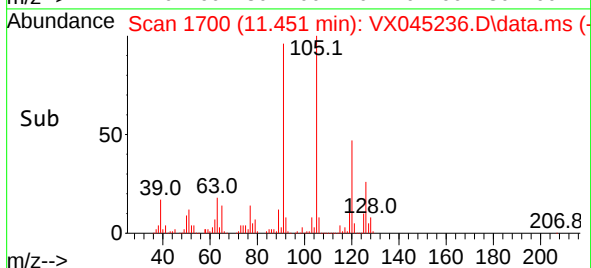
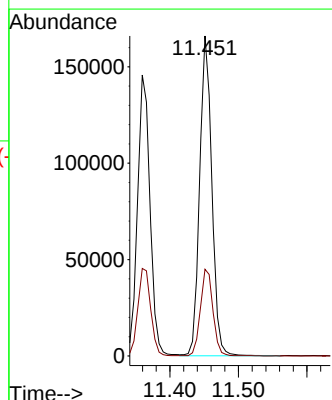
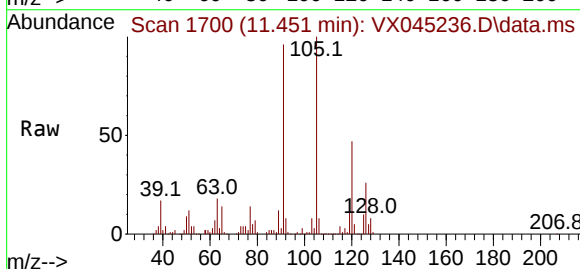
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

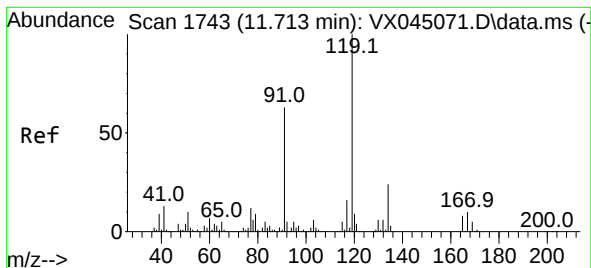
Tgt Ion: 75 Resp: 21898  
Ion Ratio Lower Upper  
75 100  
53 125.0 88.5 132.7  
89 45.5 36.2 54.4



#82  
4-Chlorotoluene  
Concen: 49.191 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX045236.D  
Acq: 11 Mar 2025 19:49

Tgt Ion: 91 Resp: 205234  
Ion Ratio Lower Upper  
91 100  
126 28.1 14.1 42.4

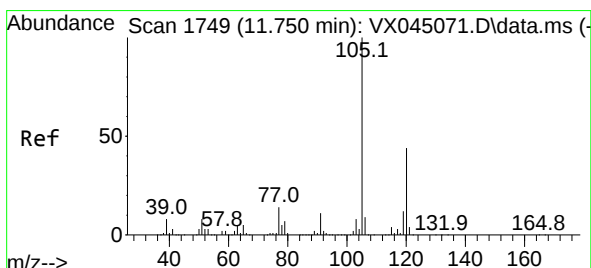
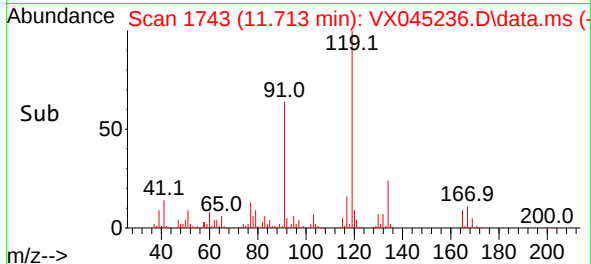
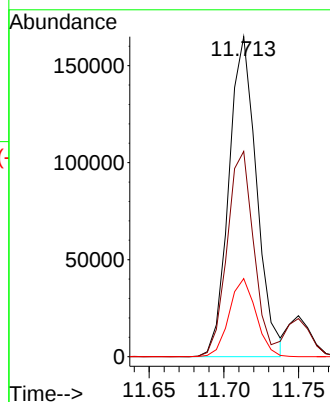
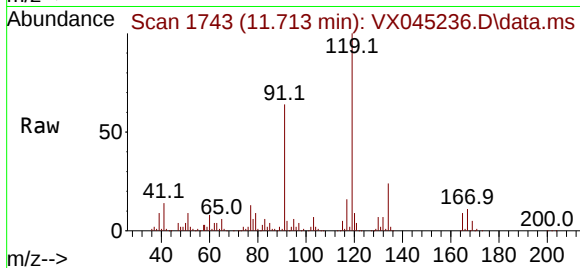




#83  
 tert-Butylbenzene  
 Concen: 48.200 ug/l  
 RT: 11.713 min Scan# 1743  
 Delta R.T. -0.000 min  
 Lab File: VX045236.D  
 Acq: 11 Mar 2025 19:49

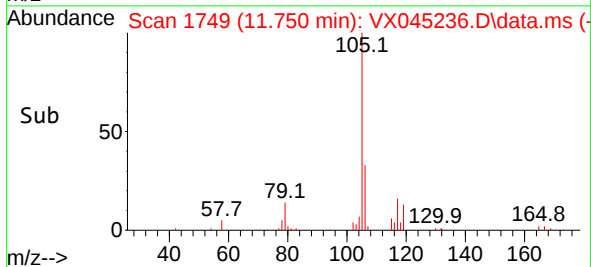
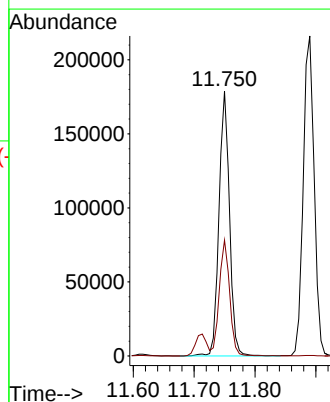
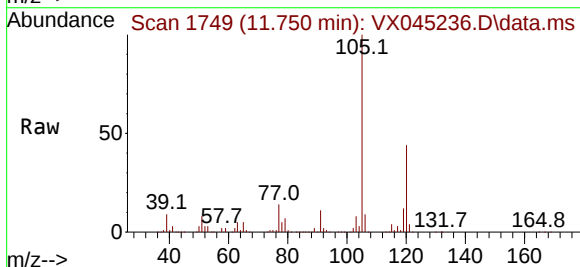
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

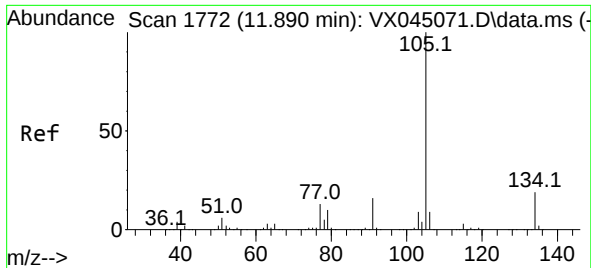
Tgt Ion:119 Resp: 213082  
 Ion Ratio Lower Upper  
 119 100  
 91 61.3 30.7 92.1  
 134 23.5 11.7 35.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.489 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. -0.000 min  
 Lab File: VX045236.D  
 Acq: 11 Mar 2025 19:49

Tgt Ion:105 Resp: 214250  
 Ion Ratio Lower Upper  
 105 100  
 120 43.3 22.1 66.1

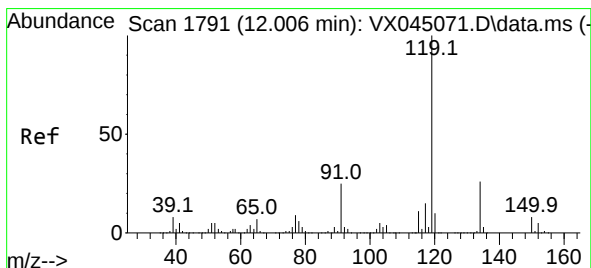
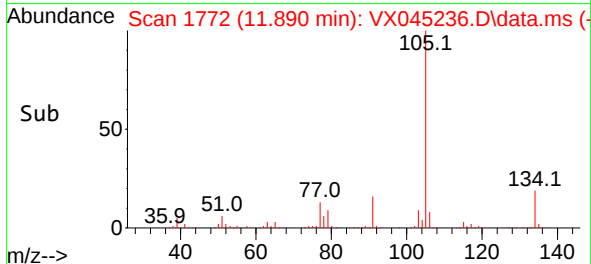
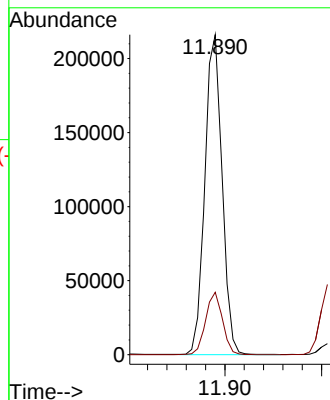
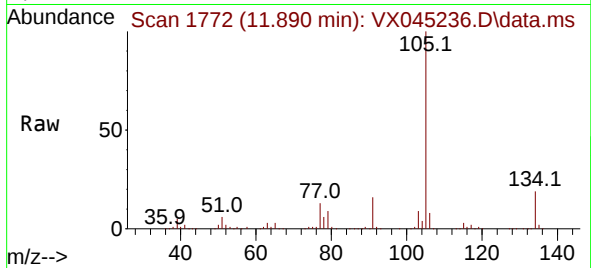




#85  
 sec-Butylbenzene  
 Concen: 50.727 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX045236.D  
 Acq: 11 Mar 2025 19:49

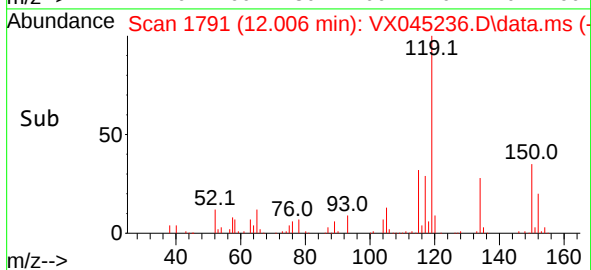
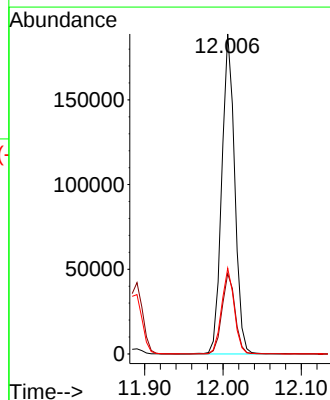
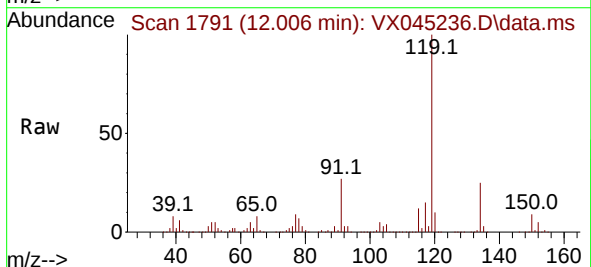
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

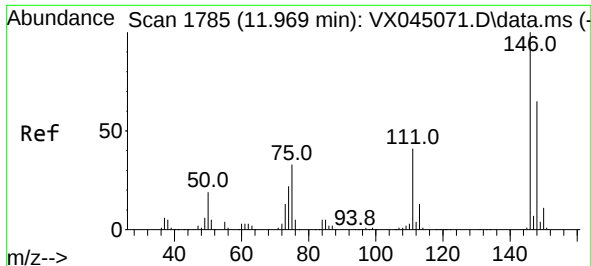
Tgt Ion:105 Resp: 268624  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 50.842 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX045236.D  
 Acq: 11 Mar 2025 19:49

Tgt Ion:119 Resp: 217580  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.9 38.6  
 91 26.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 48.804 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

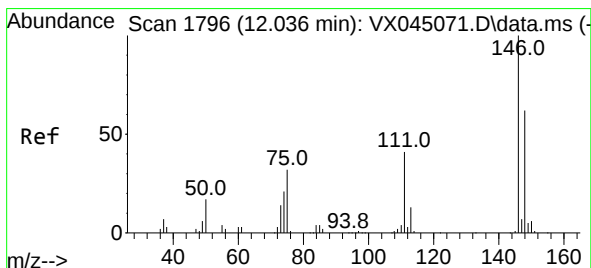
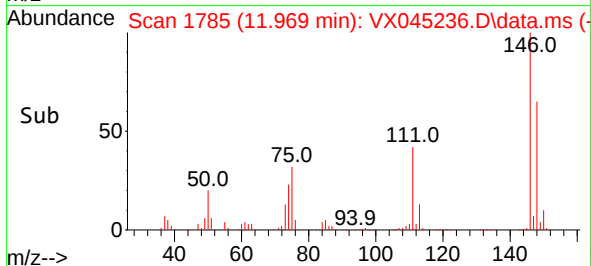
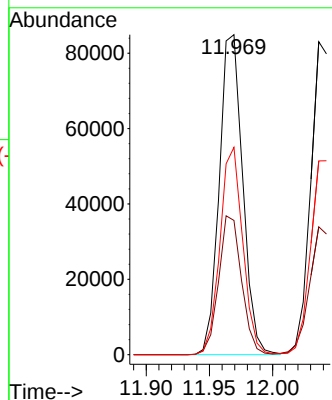
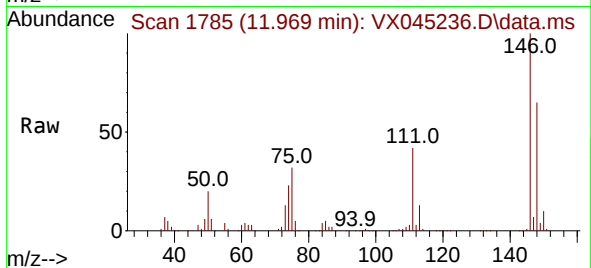
Tgt Ion:146 Resp: 109308

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.4

148 63.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 46.916 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

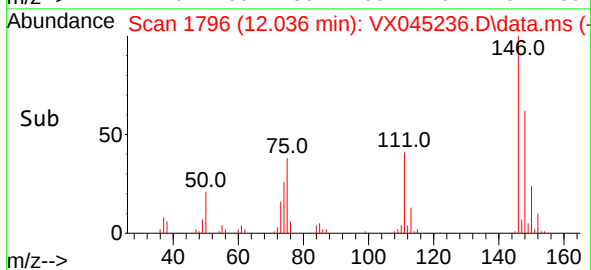
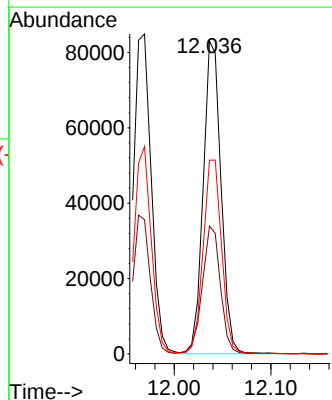
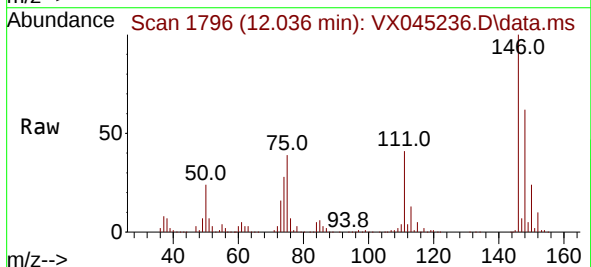
Tgt Ion:146 Resp: 106308

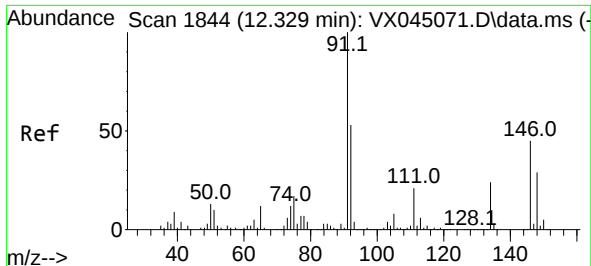
Ion Ratio Lower Upper

146 100

111 41.5 20.2 60.5

148 64.1 31.9 95.9





#89

n-Butylbenzene

Concen: 52.732 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

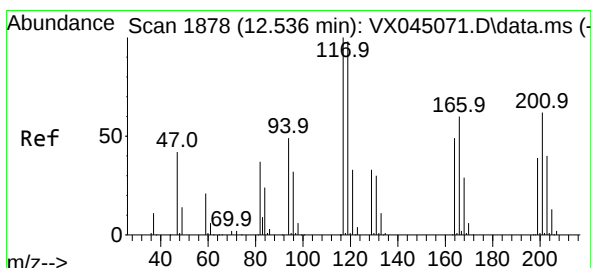
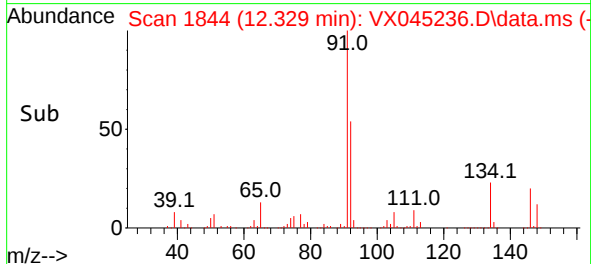
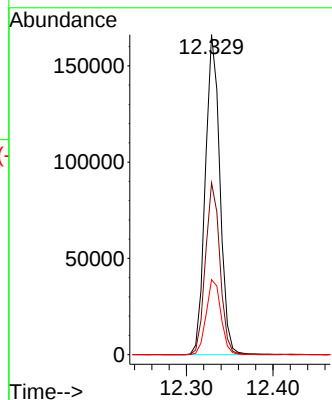
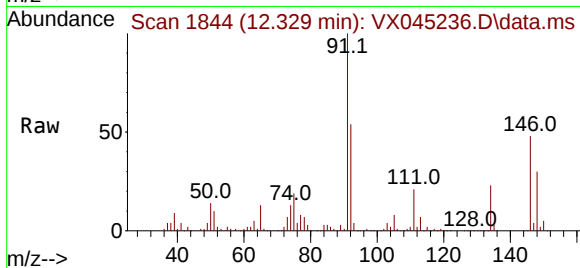
Tgt Ion: 91 Resp: 194364

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

134 23.8 12.2 36.6



#90

Hexachloroethane

Concen: 47.931 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045236.D

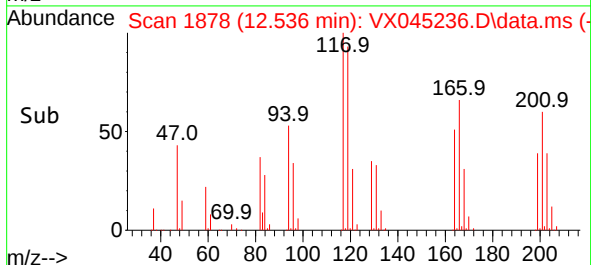
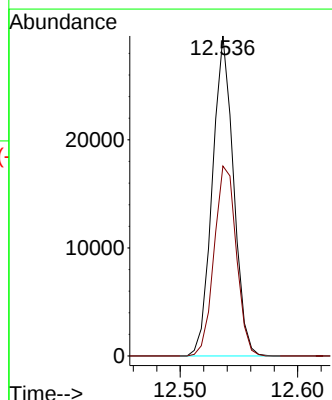
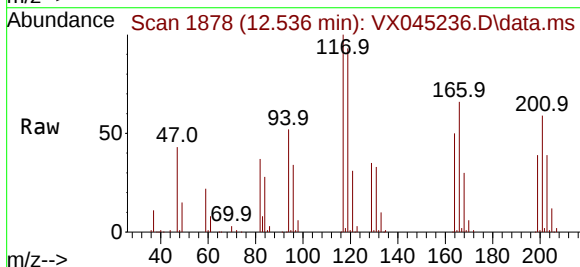
Acq: 11 Mar 2025 19:49

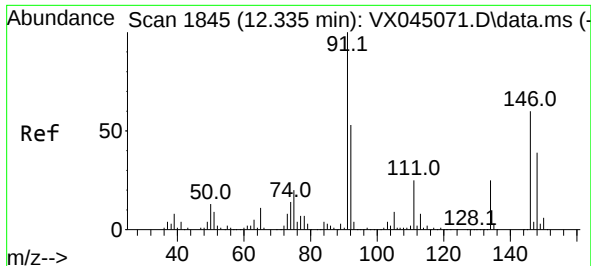
Tgt Ion: 117 Resp: 37102

Ion Ratio Lower Upper

117 100

201 62.3 31.9 95.9

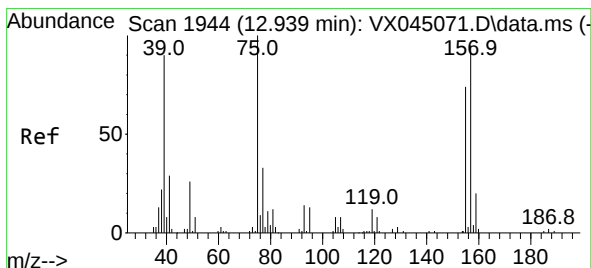
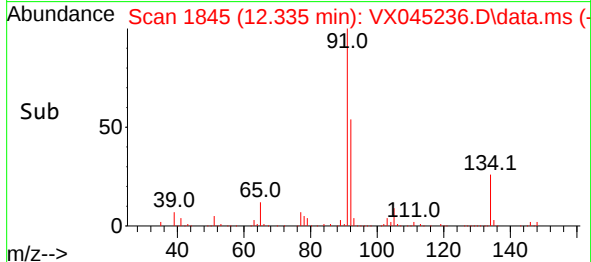
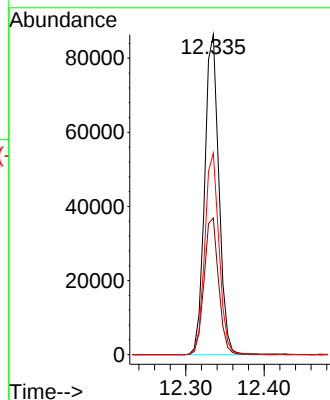
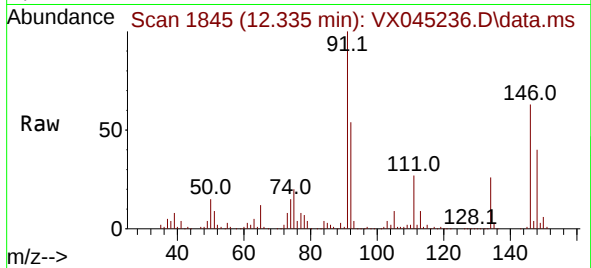




#91  
 1,2-Dichlorobenzene  
 Concen: 48.396 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX045236.D  
 Acq: 11 Mar 2025 19:49

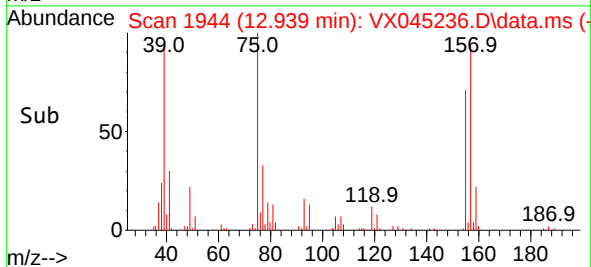
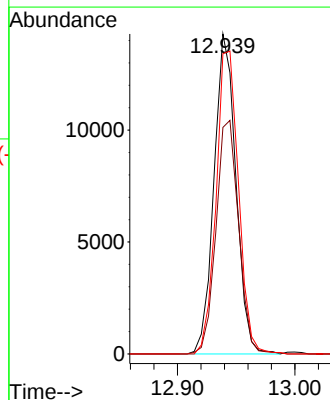
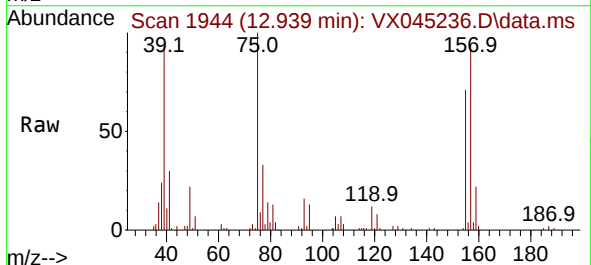
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

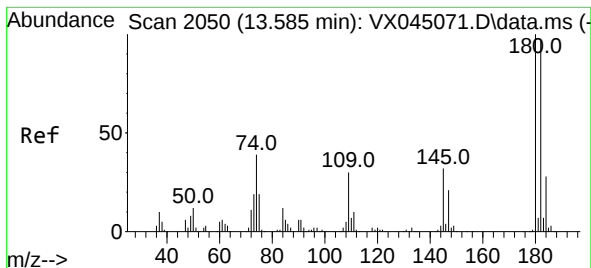
Tgt Ion:146 Resp: 108734  
 Ion Ratio Lower Upper  
 146 100  
 111 43.8 21.6 65.0  
 148 63.2 31.9 95.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.649 ug/l  
 RT: 12.939 min Scan# 1944  
 Delta R.T. -0.000 min  
 Lab File: VX045236.D  
 Acq: 11 Mar 2025 19:49

Tgt Ion: 75 Resp: 18507  
 Ion Ratio Lower Upper  
 75 100  
 155 75.5 39.6 118.7  
 157 97.1 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 48.452 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

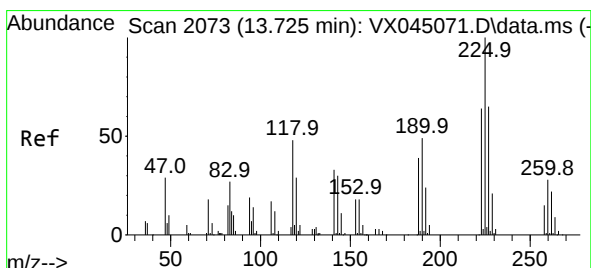
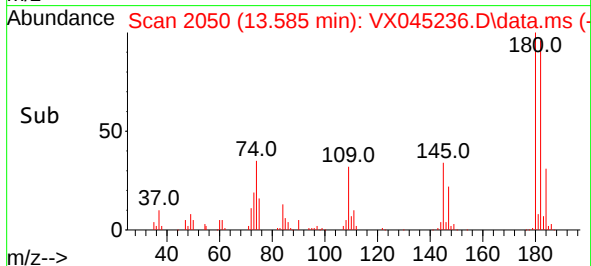
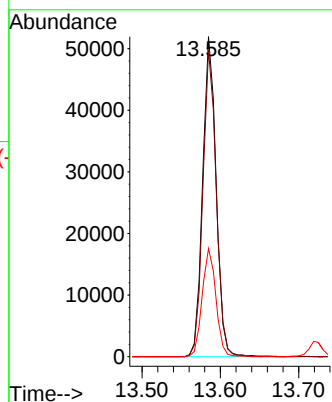
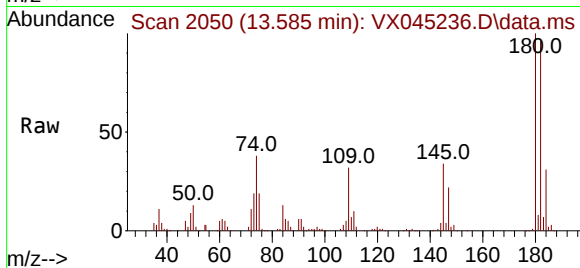
Tgt Ion:180 Resp: 61986

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 34.5 16.3 48.9



#94

Hexachlorobutadiene

Concen: 48.218 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

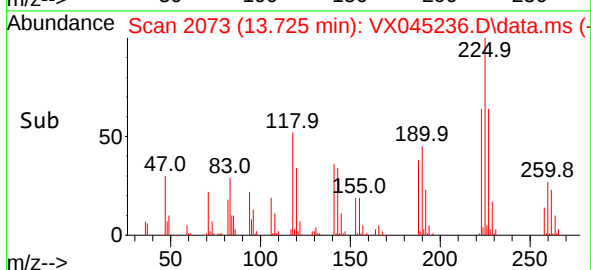
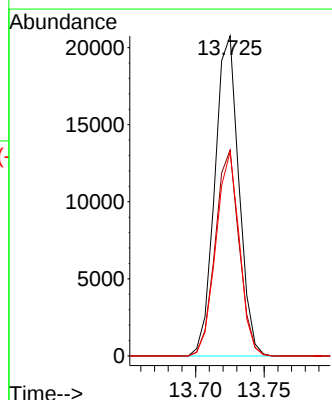
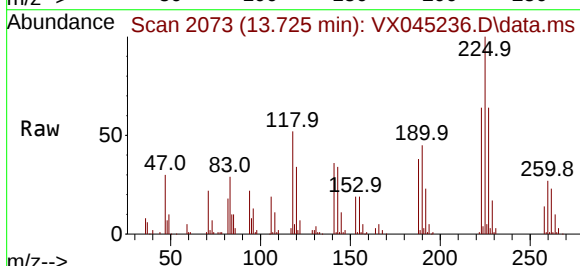
Tgt Ion:225 Resp: 25290

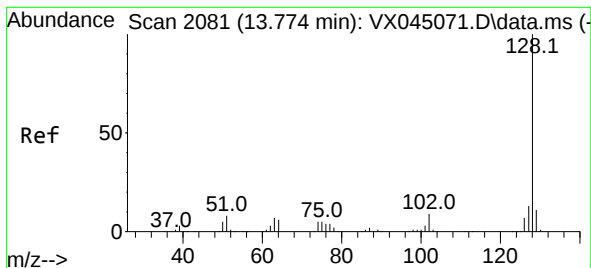
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.7

227 62.2 31.4 94.0





#95

Naphthalene

Concen: 48.828 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Instrument :

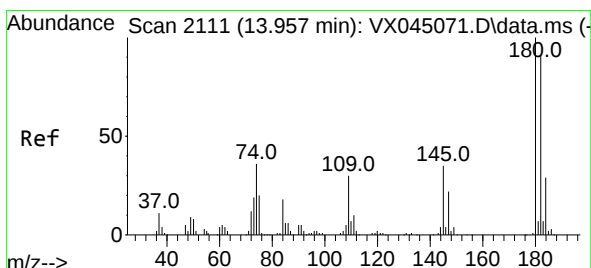
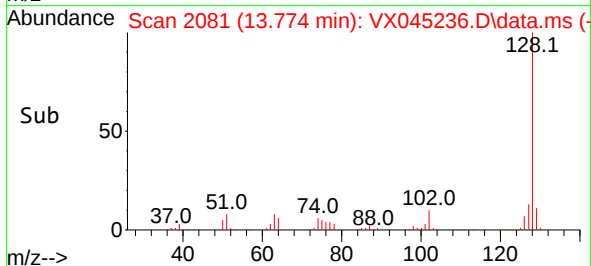
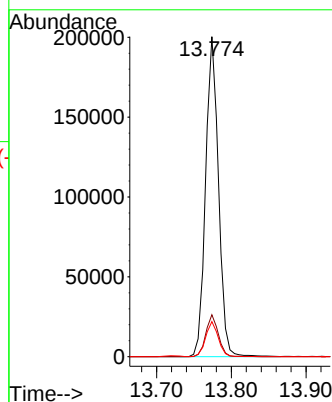
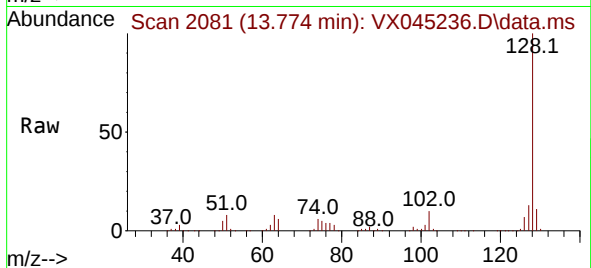
MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 240005

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.7  | 10.3  | 15.5  |
| 129 | 10.8  | 8.7   | 13.1  |



#96

1,2,3-Trichlorobenzene

Concen: 48.282 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045236.D

Acq: 11 Mar 2025 19:49

Tgt Ion:180 Resp: 65162

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.8  | 47.5  | 142.6 |
| 145 | 34.7  | 17.0  | 50.9  |

