

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052325\  
 Data File : VX046331.D  
 Acq On : 23 May 2025 09:24  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050

Quant Time: May 23 22:55:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 89943    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 154938   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 137123   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 66629    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 86863    | 51.802   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 103.600% |      |
| 35) Dibromofluoromethane    | 5.379  | 113   | 59429    | 53.265   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.540% |      |
| 50) Toluene-d8              | 8.647  | 98    | 202439   | 52.423   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 104.840% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 79568    | 53.716   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 107.440% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 64545  | 46.886  | ug/l | 97  |
| 3) Chloromethane             | 1.306 | 50  | 58836  | 44.072  | ug/l | 99  |
| 4) Vinyl Chloride            | 1.374 | 62  | 53273  | 42.877  | ug/l | 98  |
| 5) Bromomethane              | 1.599 | 94  | 25935  | 45.004  | ug/l | 95  |
| 6) Chloroethane              | 1.672 | 64  | 33980  | 51.230  | ug/l | 99  |
| 7) Trichlorofluoromethane    | 1.880 | 101 | 89339  | 48.653  | ug/l | 98  |
| 8) Diethyl Ether             | 2.130 | 74  | 30446  | 48.706  | ug/l | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 2.318 | 101 | 55612  | 48.939  | ug/l | 98  |
| 10) Methyl Iodide            | 2.447 | 142 | 61527  | 45.758  | ug/l | 99  |
| 11) Tert butyl alcohol       | 2.965 | 59  | 64532  | 274.166 | ug/l | 99  |
| 12) 1,1-Dichloroethene       | 2.312 | 96  | 49469  | 46.384  | ug/l | 97  |
| 13) Acrolein                 | 2.233 | 56  | 71978  | 268.519 | ug/l | 98  |
| 14) Allyl chloride           | 2.660 | 41  | 105111 | 51.568  | ug/l | 97  |
| 15) Acrylonitrile            | 3.062 | 53  | 181852 | 270.194 | ug/l | 98  |
| 16) Acetone                  | 2.379 | 43  | 176899 | 263.114 | ug/l | 100 |
| 17) Carbon Disulfide         | 2.507 | 76  | 105198 | 41.606  | ug/l | 99  |
| 18) Methyl Acetate           | 2.703 | 43  | 98895  | 63.388  | ug/l | 99  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 197614 | 52.851  | ug/l | 99  |
| 20) Methylene Chloride       | 2.782 | 84  | 59651  | 46.299  | ug/l | 96  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 50409  | 47.000  | ug/l | 92  |
| 22) Diisopropyl ether        | 3.757 | 45  | 207508 | 52.704  | ug/l | 98  |
| 23) Vinyl Acetate            | 3.715 | 43  | 910937 | 263.054 | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 111459 | 50.826  | ug/l | 99  |
| 25) 2-Butanone               | 4.550 | 43  | 266316 | 272.843 | ug/l | 99  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 89521  | 52.155  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 63472  | 49.159  | ug/l | 99  |
| 28) Bromochloromethane       | 4.891 | 49  | 54142  | 51.292  | ug/l | 100 |
| 29) Tetrahydrofuran          | 5.001 | 42  | 166716 | 272.575 | ug/l | 98  |
| 30) Chloroform               | 5.086 | 83  | 115698 | 50.618  | ug/l | 91  |
| 31) Cyclohexane              | 5.464 | 56  | 92255  | 46.166  | ug/l | 97  |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 101459 | 51.206  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 72479  | 48.349  | ug/l | 100 |
| 37) Ethyl Acetate            | 4.708 | 43  | 97648  | 52.723  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 85412  | 50.709  | ug/l | 99  |
| 39) Methylcyclohexane        | 7.372 | 83  | 92549  | 47.954  | ug/l | 96  |
| 40) Benzene                  | 6.031 | 78  | 220133 | 50.133  | ug/l | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052325\  
 Data File : VX046331.D  
 Acq On : 23 May 2025 09:24  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 23 22:55:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 58444    | 60.322   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 97361    | 51.375   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 158225   | 55.999   | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 53136    | 50.279   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.421  | 63   | 58016    | 53.136   | ug/l   | 99       |
| 46) Dibromomethane            | 7.574  | 93   | 44309    | 51.454   | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.818  | 83   | 92253    | 54.392   | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.689  | 41   | 82925    | 57.467   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 28855    | 1053.147 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 524686   | 279.753  | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 136068   | 50.537   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 84046    | 55.750   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 91612    | 54.982   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 56661    | 53.371   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.110  | 69   | 97493    | 57.619   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 98945    | 51.895   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 231542   | 268.416  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 395700   | 285.172  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.518  | 129  | 64591    | 55.399   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 58405    | 52.931   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.268  | 164  | 48977    | 50.481   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.073 | 112  | 148639   | 49.525   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 53302    | 52.010   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.189 | 91   | 272231   | 51.457   | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 197275   | 101.954  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 97901    | 51.899   | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 165627   | 53.599   | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 42491    | 55.224   | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.957 | 105  | 265569   | 51.196   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 138648   | 54.091   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 91010    | 50.066   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 103018   | 64.234   | ug/l   | 86       |
| 77) Bromobenzene              | 11.195 | 156  | 59541    | 49.441   | ug/l   | 100      |
| 78) n-propylbenzene           | 11.299 | 91   | 311660   | 51.673   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 191122   | 49.128   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 224812   | 51.877   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.012 | 75   | 27002    | 54.814   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 219638   | 50.910   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 222135   | 50.888   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 225740   | 51.438   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 280123   | 52.265   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 232168   | 52.479   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.963 | 146  | 109948   | 50.025   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 111425   | 49.641   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 210250   | 54.179   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 41404    | 53.122   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.329 | 146  | 112487   | 51.002   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 22183    | 55.085   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 66261    | 52.307   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 29675    | 53.637   | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 242188   | 52.127   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 67021    | 51.275   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052325\  
Data File : VX046331.D  
Acq On : 23 May 2025 09:24  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: May 23 22:55:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
Response via : Initial Calibration

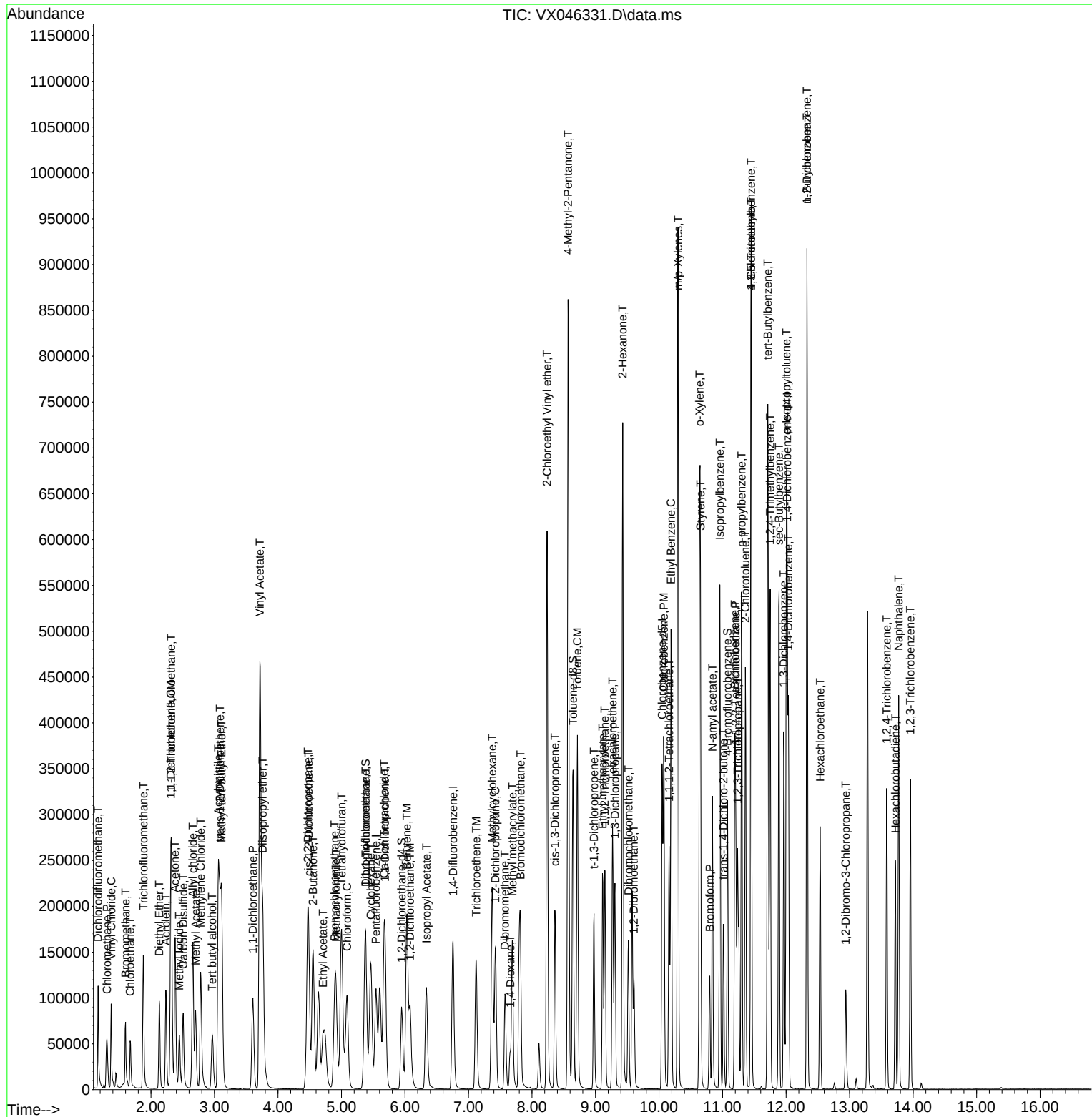
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

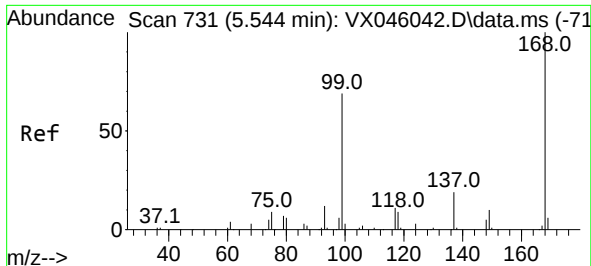
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052325\  
Data File : VX046331.D  
Acq On : 23 May 2025 09:24  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: May 23 22:55:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
Response via : Initial Calibration

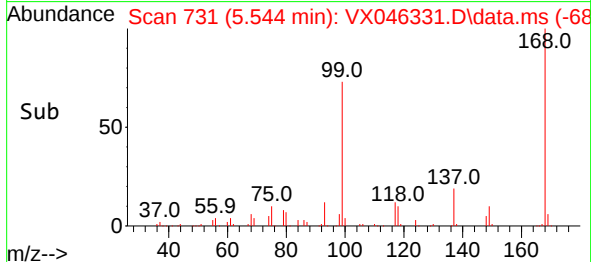
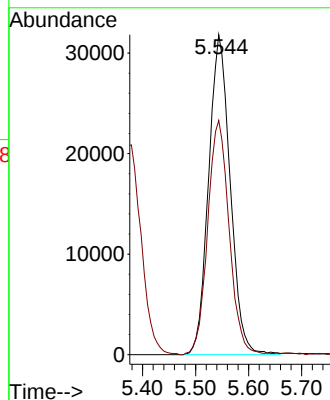
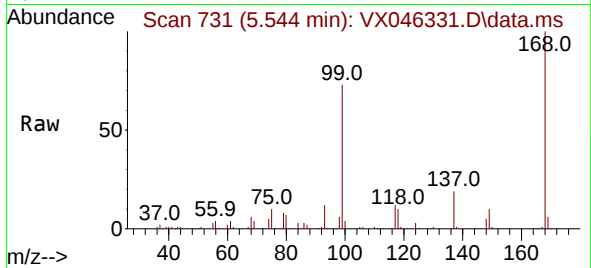




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

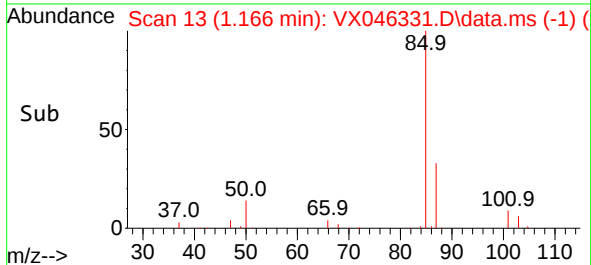
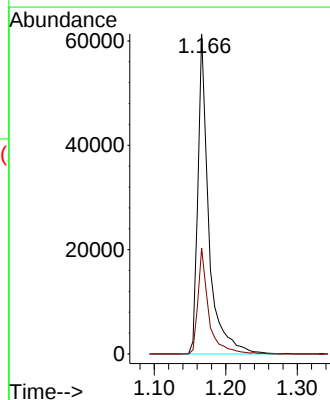
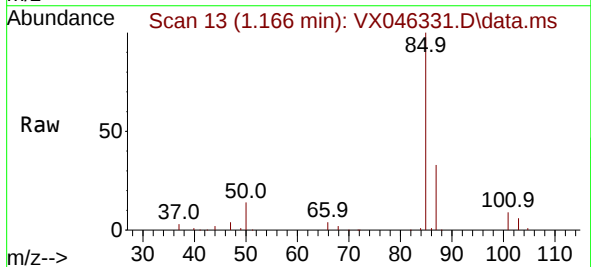
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:168 Resp: 89943  
Ion Ratio Lower Upper  
168 100  
99 73.2 54.9 82.3



#2  
Dichlorodifluoromethane  
Concen: 46.886 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 85 Resp: 64545  
Ion Ratio Lower Upper  
85 100  
87 33.1 15.7 47.1

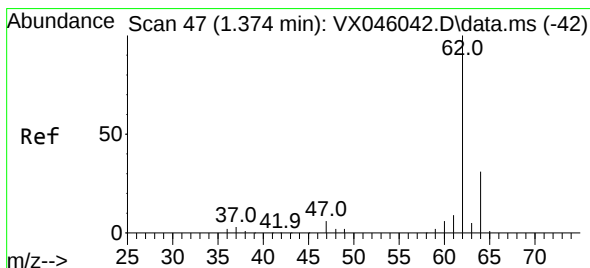
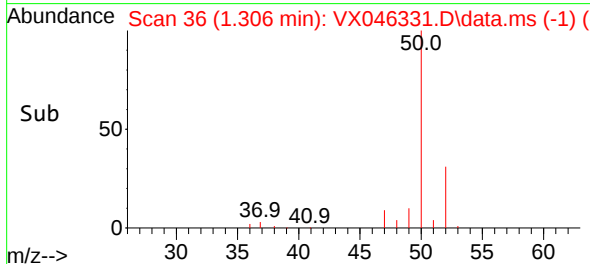
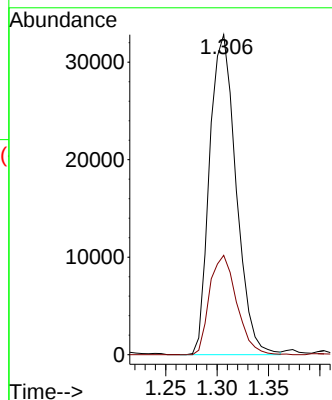
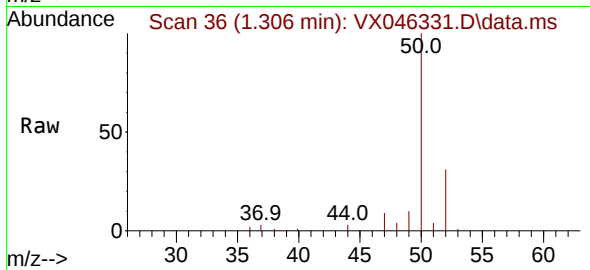




#3  
Chloromethane  
Concen: 44.072 ug/l  
RT: 1.306 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

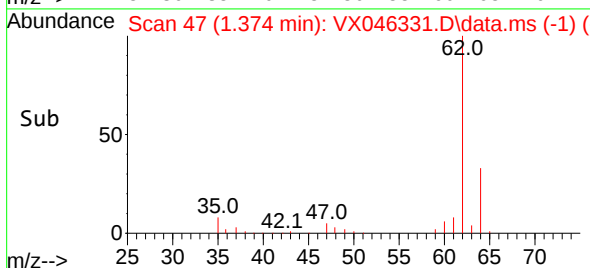
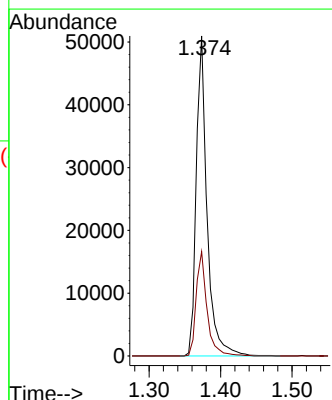
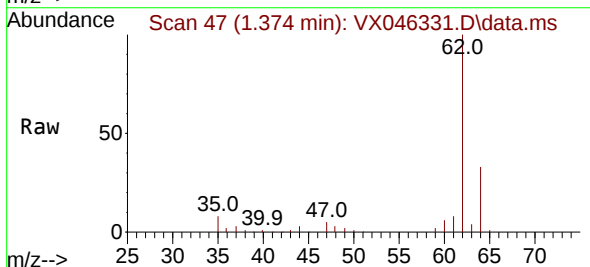
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 50 Resp: 58836  
Ion Ratio Lower Upper  
50 100  
52 31.0 25.4 38.2



#4  
Vinyl Chloride  
Concen: 42.877 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 62 Resp: 53273  
Ion Ratio Lower Upper  
62 100  
64 32.6 25.2 37.8

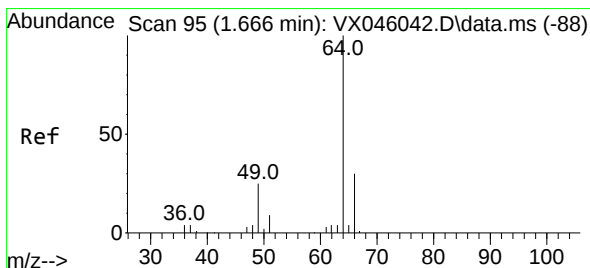
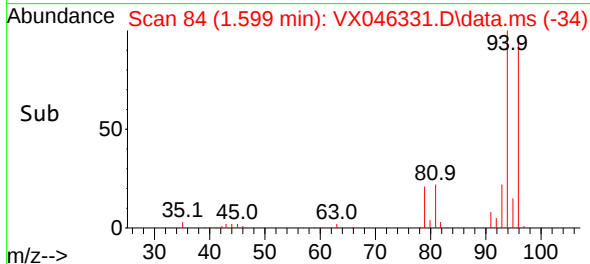
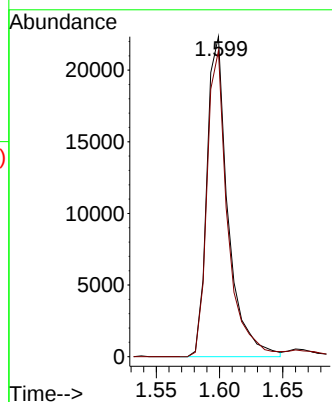
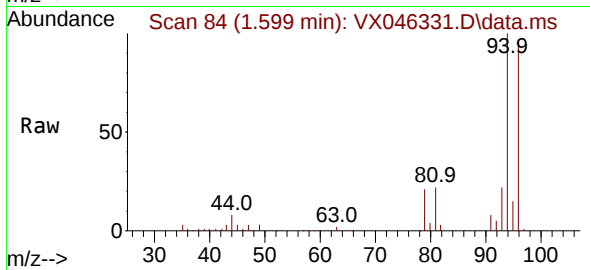




#5  
Bromomethane  
Concen: 45.004 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

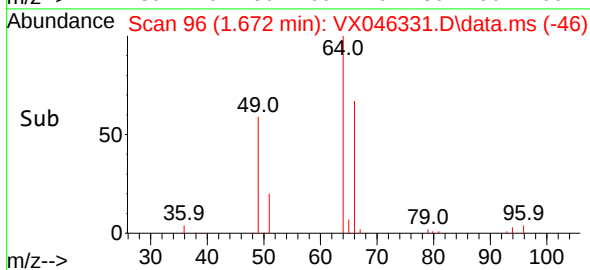
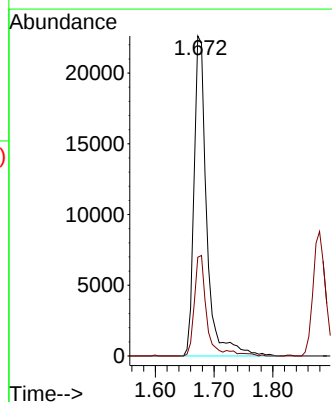
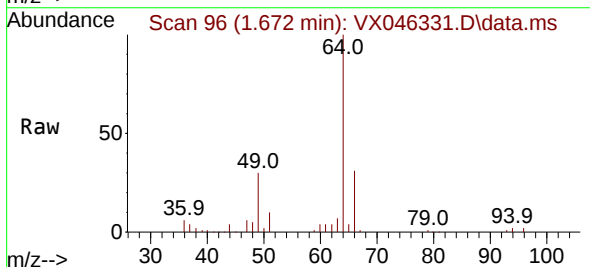
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 94 Resp: 25935  
Ion Ratio Lower Upper  
94 100  
96 95.6 72.8 109.2



#6  
Chloroethane  
Concen: 51.230 ug/l  
RT: 1.672 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 64 Resp: 33980  
Ion Ratio Lower Upper  
64 100  
66 30.9 24.3 36.5

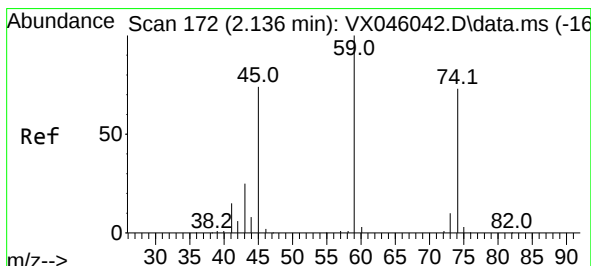
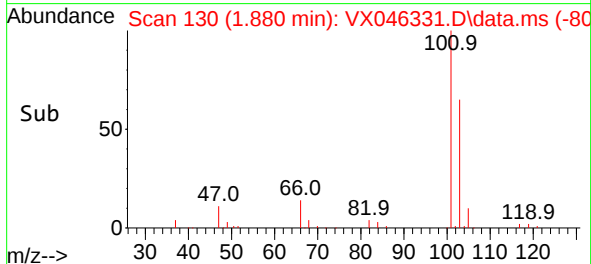
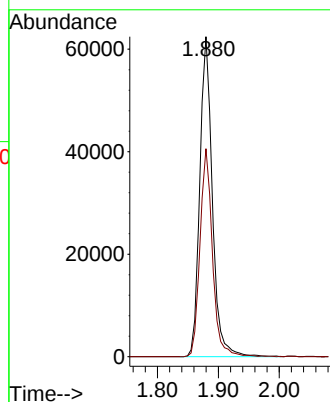
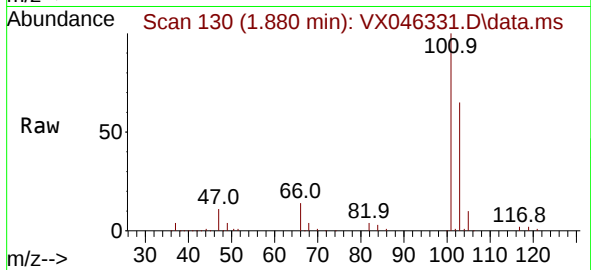




#7  
 Trichlorofluoromethane  
 Concen: 48.653 ug/l  
 RT: 1.880 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX046331.D  
 Acq: 23 May 2025 09:24

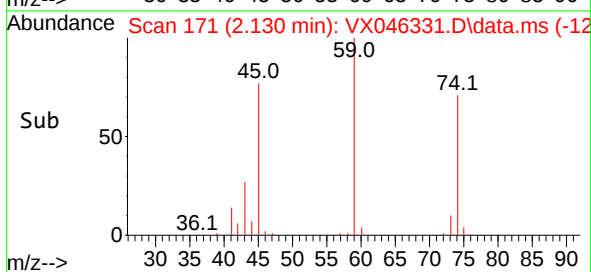
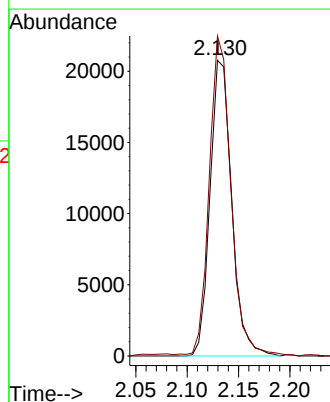
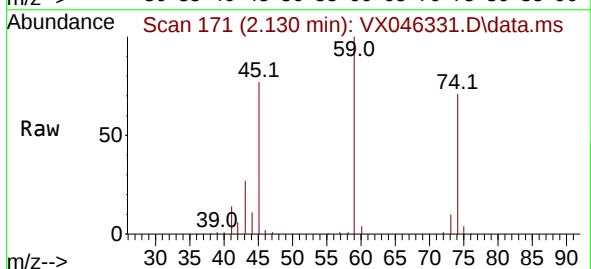
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 89339  
 Ion Ratio Lower Upper  
 101 100  
 103 65.0 51.0 76.4



#8  
 Diethyl Ether  
 Concen: 48.706 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX046331.D  
 Acq: 23 May 2025 09:24

Tgt Ion: 74 Resp: 30446  
 Ion Ratio Lower Upper  
 74 100  
 45 108.6 54.9 164.8

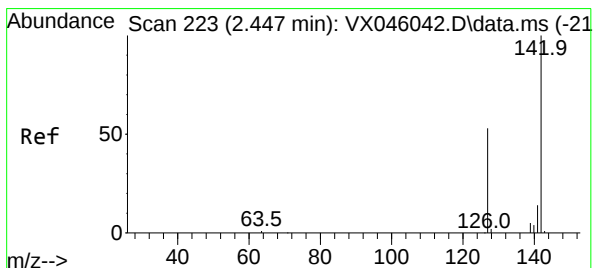
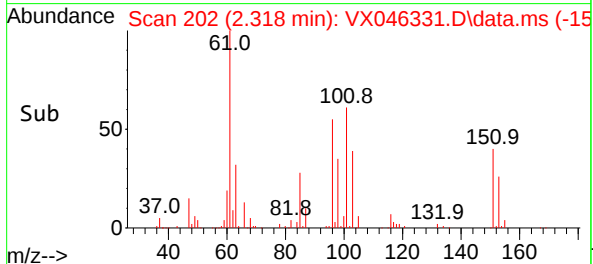
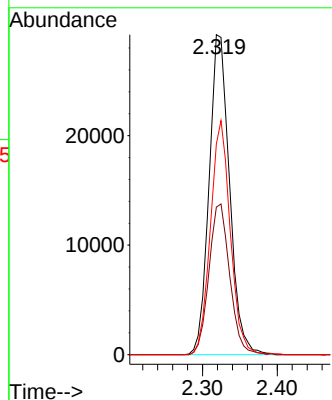
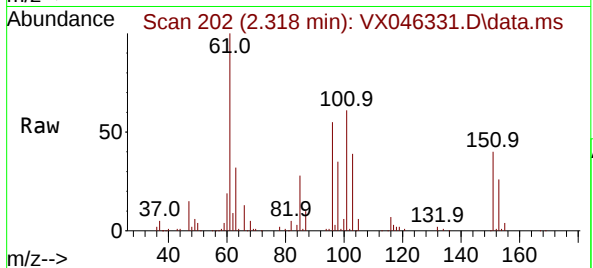




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.939 ug/l  
RT: 2.318 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

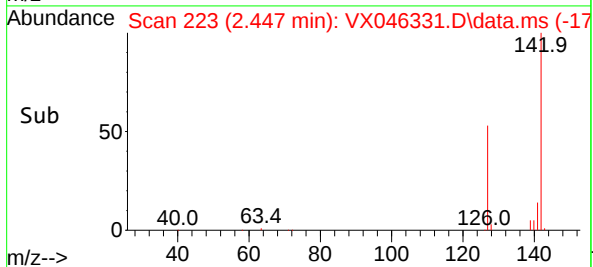
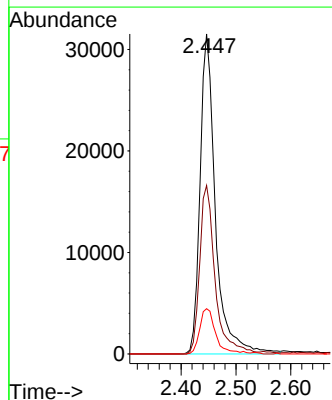
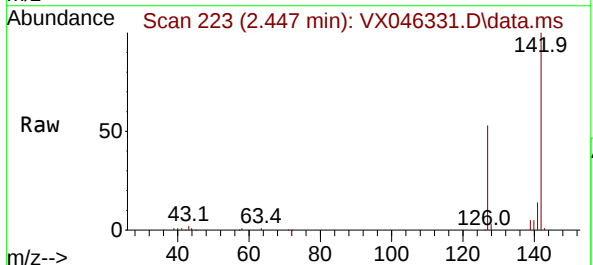
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 55612  
Ion Ratio Lower Upper  
101 100  
85 48.0 38.6 58.0  
151 71.0 55.2 82.8



#10  
Methyl Iodide  
Concen: 45.758 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion:142 Resp: 61527  
Ion Ratio Lower Upper  
142 100  
127 52.7 41.7 62.5  
141 14.7 11.5 17.3

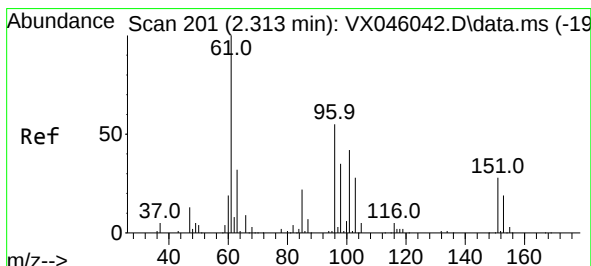
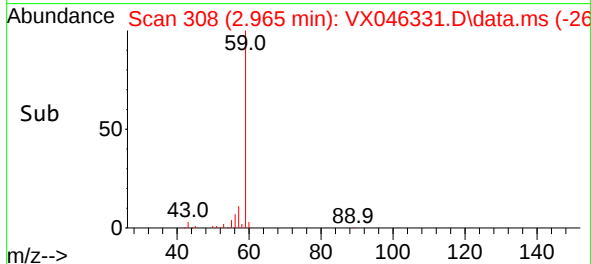
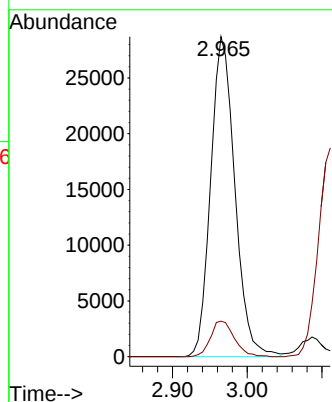
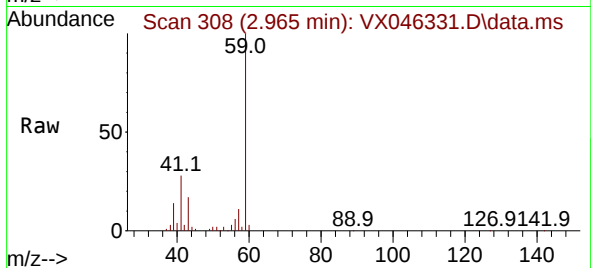




#11  
Tert butyl alcohol  
Concen: 274.166 ug/l  
RT: 2.965 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

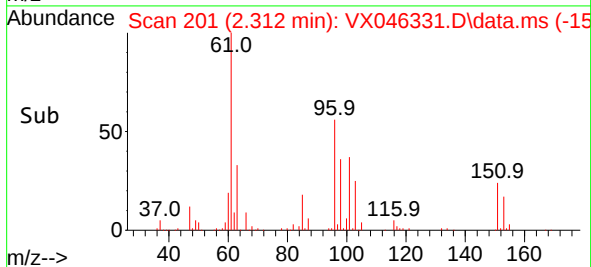
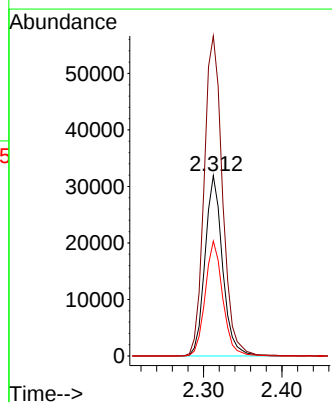
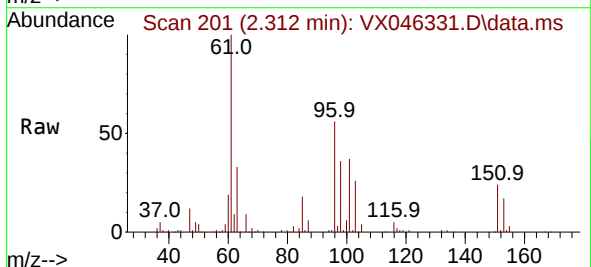
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 59 Resp: 64532  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 46.384 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 96 Resp: 49469  
Ion Ratio Lower Upper  
96 100  
61 177.5 146.2 219.2  
98 63.7 51.0 76.6

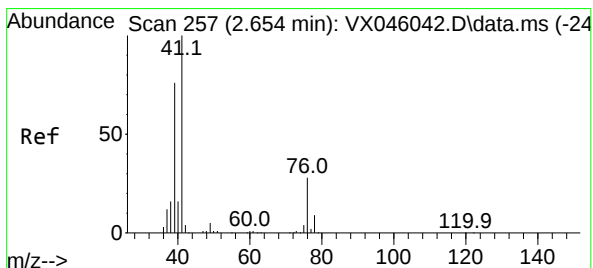
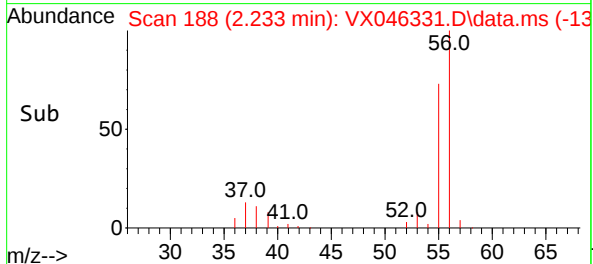
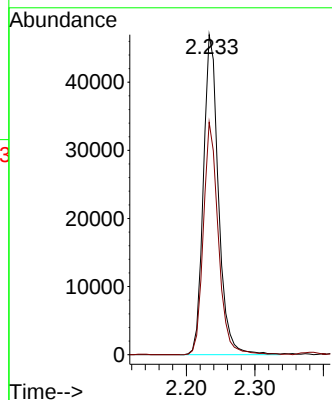
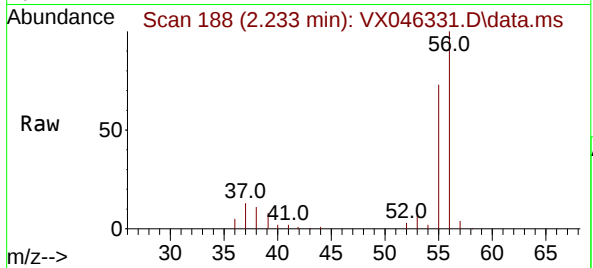




#13  
Acrolein  
Concen: 268.519 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

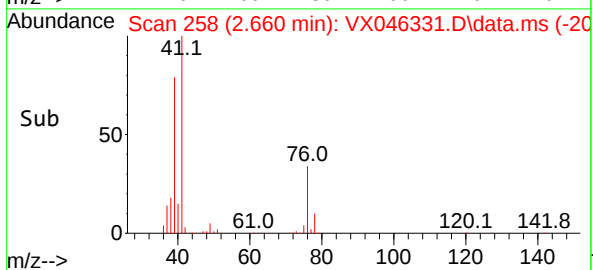
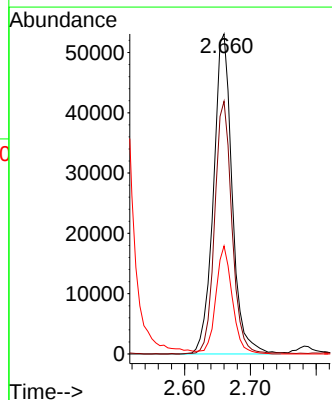
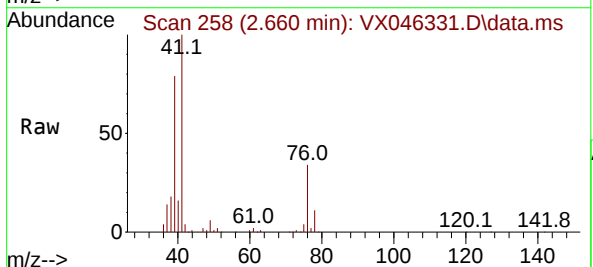
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

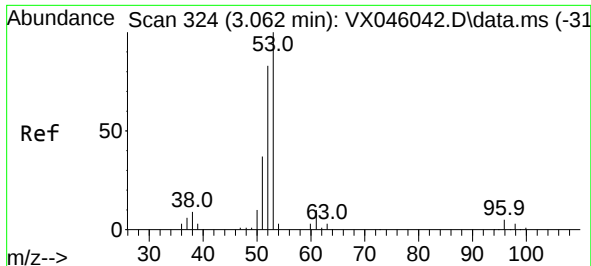
Tgt Ion: 56 Resp: 71978  
Ion Ratio Lower Upper  
56 100  
55 72.3 56.2 84.4



#14  
Allyl chloride  
Concen: 51.568 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.006 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 41 Resp: 105111  
Ion Ratio Lower Upper  
41 100  
39 72.7 60.6 90.8  
76 29.7 24.9 37.3





#15

Acrylonitrile

Concen: 270.194 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

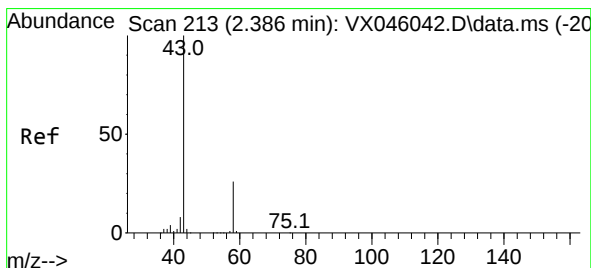
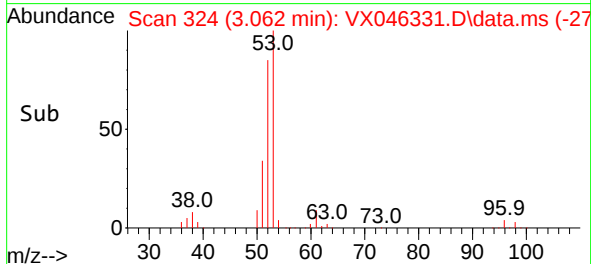
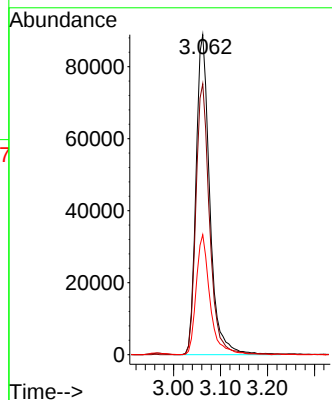
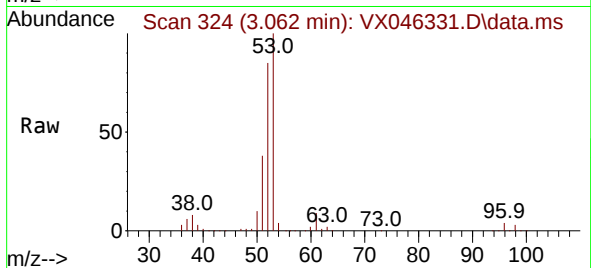
Tgt Ion: 53 Resp: 181852

Ion Ratio Lower Upper

53 100

52 84.1 65.3 97.9

51 37.3 29.8 44.8



#16

Acetone

Concen: 263.114 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX046331.D

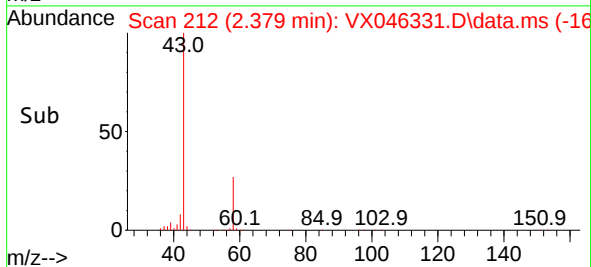
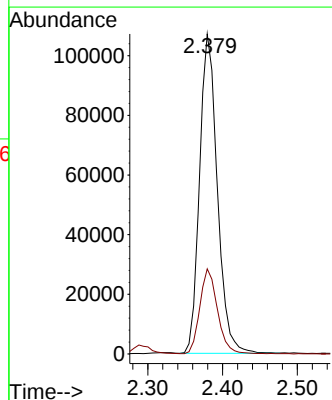
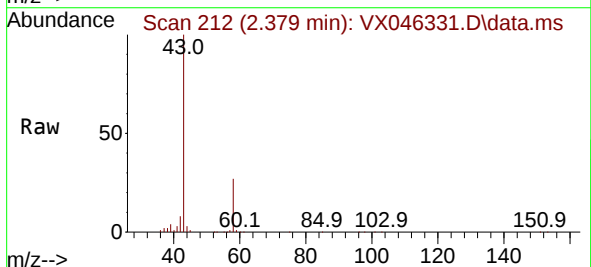
Acq: 23 May 2025 09:24

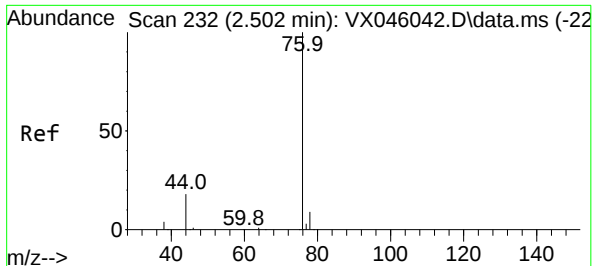
Tgt Ion: 43 Resp: 176899

Ion Ratio Lower Upper

43 100

58 26.6 21.2 31.8





#17

Carbon Disulfide

Concen: 41.606 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

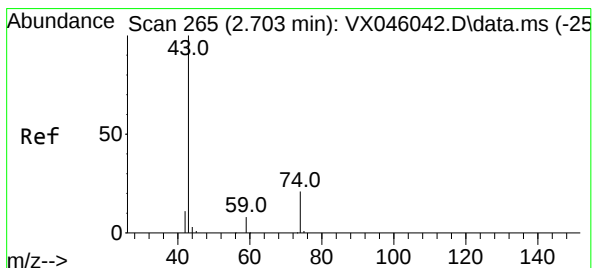
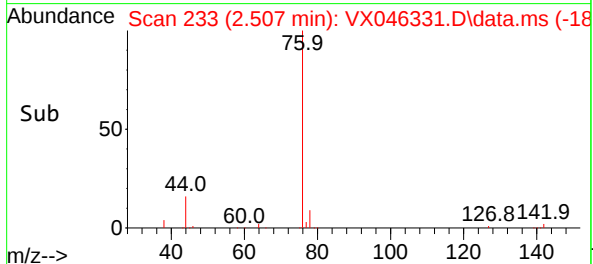
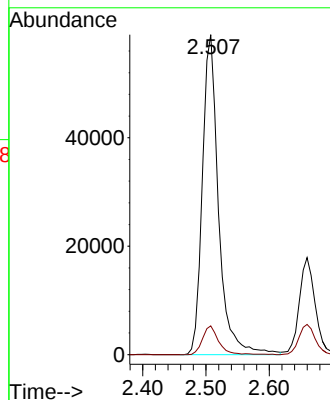
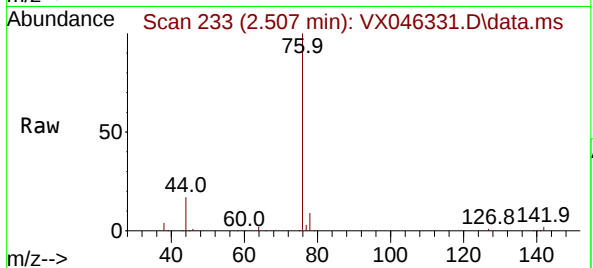
VSTDCCC050

Tgt Ion: 76 Resp: 105198

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 63.388 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046331.D

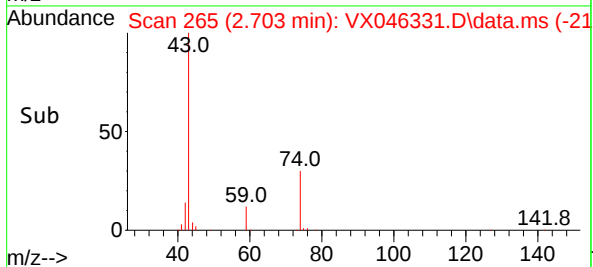
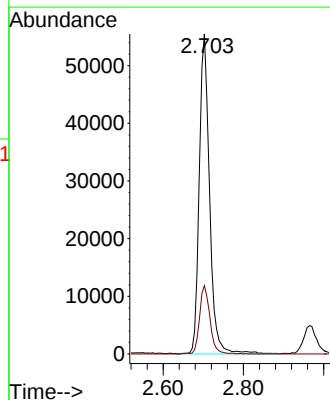
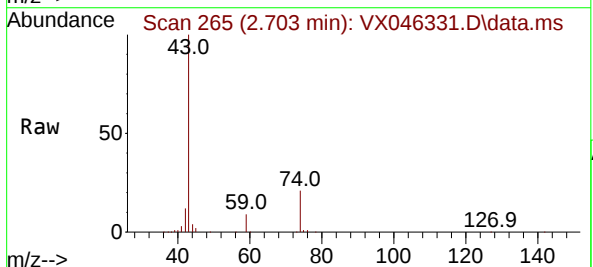
Acq: 23 May 2025 09:24

Tgt Ion: 43 Resp: 98895

Ion Ratio Lower Upper

43 100

74 21.4 16.7 25.1

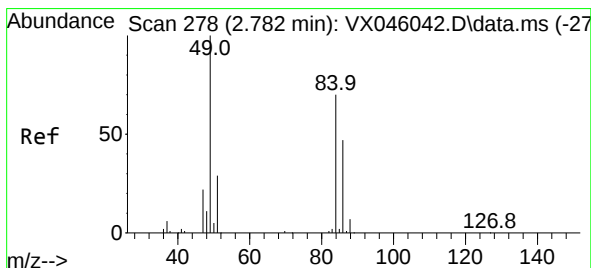
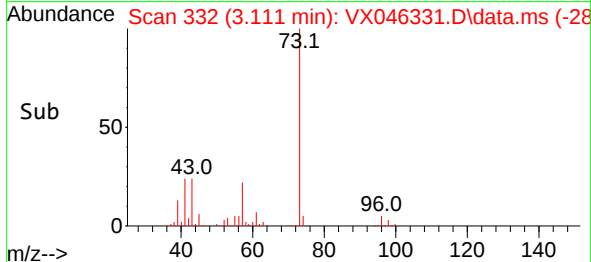
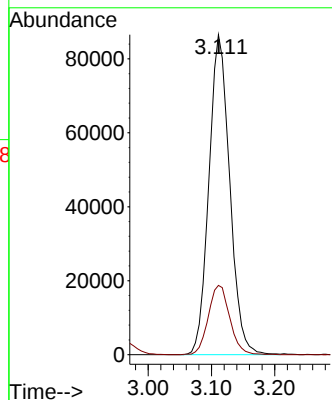
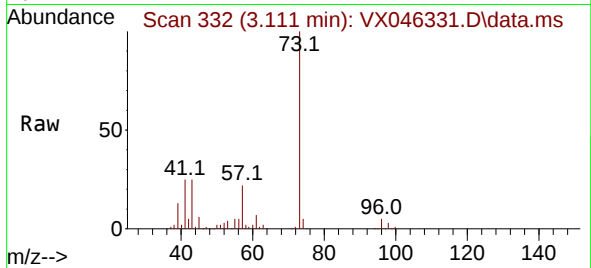




#19  
Methyl tert-butyl Ether  
Concen: 52.851 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

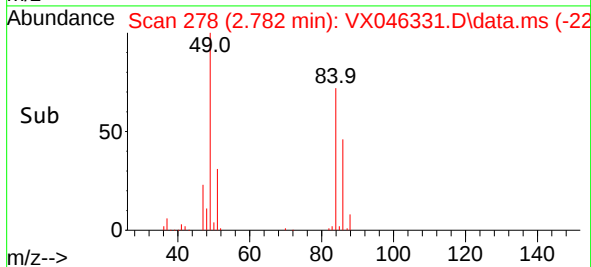
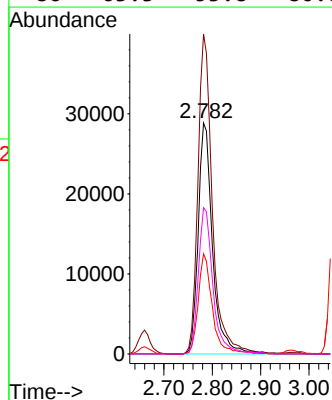
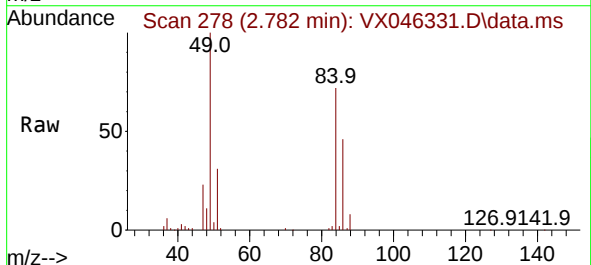
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 73 Resp: 197614  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.7 26.5



#20  
Methylene Chloride  
Concen: 46.299 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 84 Resp: 59651  
Ion Ratio Lower Upper  
84 100  
49 138.5 113.9 170.9  
51 43.3 33.5 50.3  
86 63.3 53.8 80.8

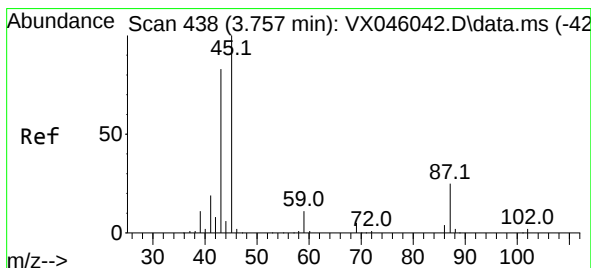
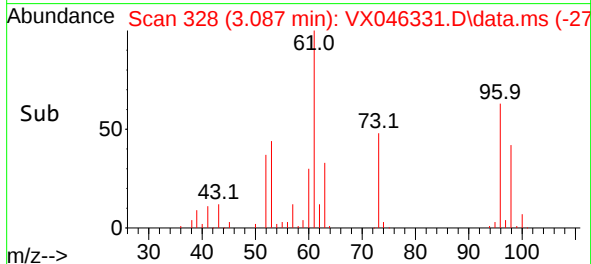
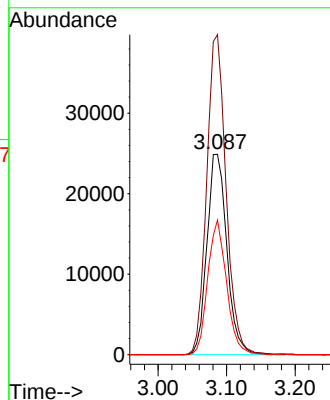
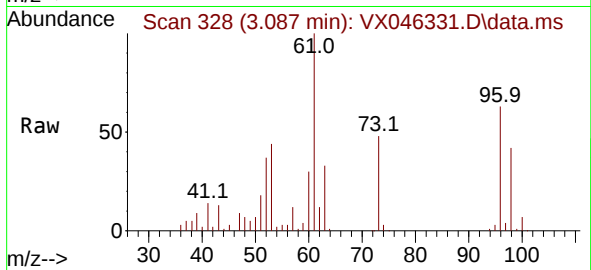




#21  
trans-1,2-Dichloroethene  
Concen: 47.000 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

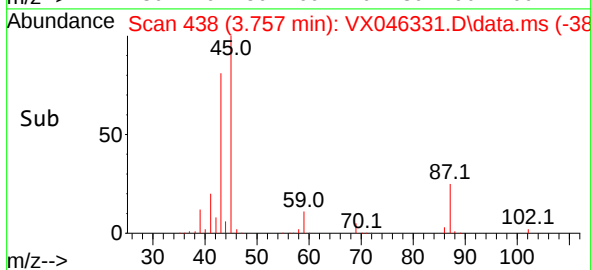
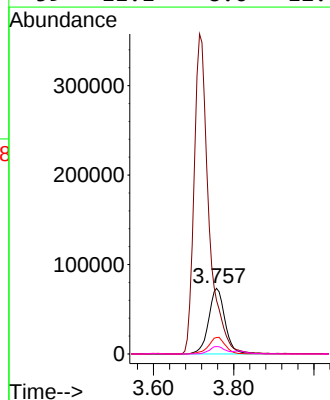
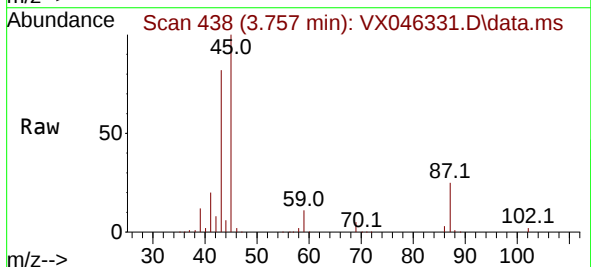
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 96 Resp: 50409  
Ion Ratio Lower Upper  
96 100  
61 159.7 119.5 179.3  
98 67.3 50.0 75.0



#22  
Diisopropyl ether  
Concen: 52.704 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 45 Resp: 207508  
Ion Ratio Lower Upper  
45 100  
43 81.5 66.6 100.0  
87 25.1 19.8 29.6  
59 11.1 8.6 12.8

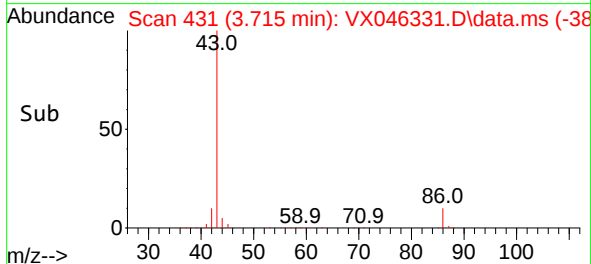
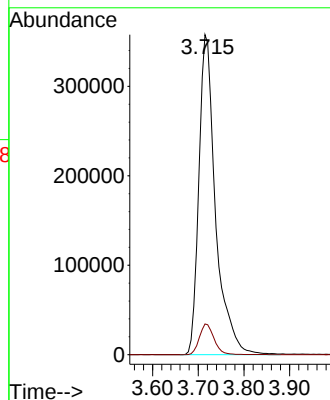
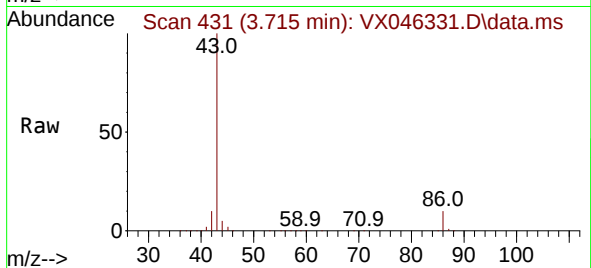




#23  
 Vinyl Acetate  
 Concen: 263.054 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX046331.D  
 Acq: 23 May 2025 09:24

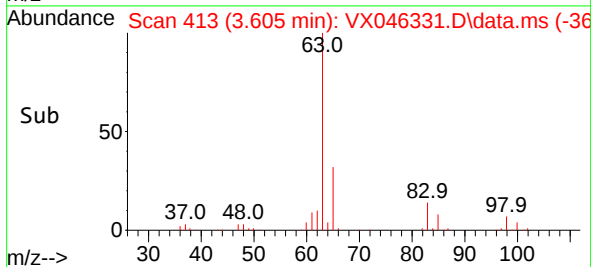
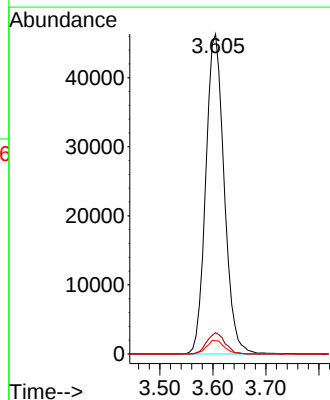
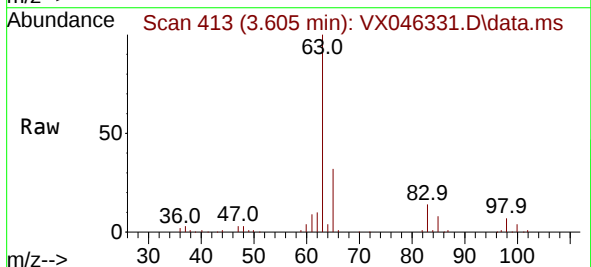
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

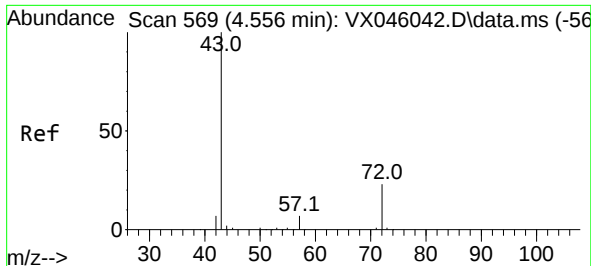
Tgt Ion: 43 Resp: 910937  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 50.826 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX046331.D  
 Acq: 23 May 2025 09:24

Tgt Ion: 63 Resp: 111459  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.6 10.8  
 100 4.1 2.1 6.3

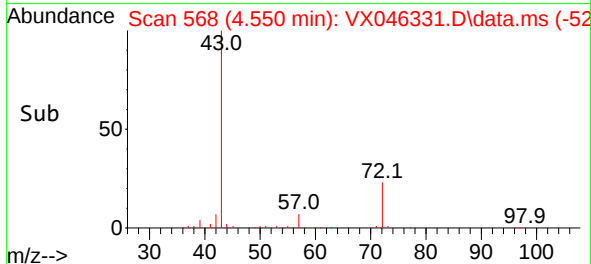
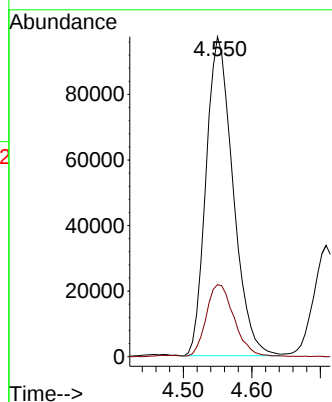
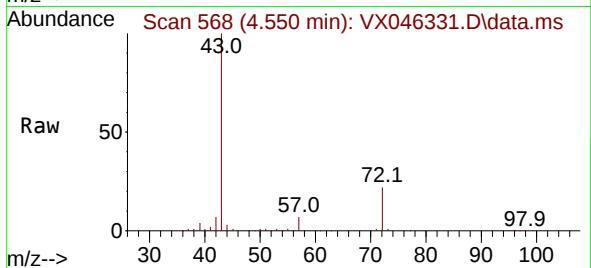




#25  
2-Butanone  
Concen: 272.843 ug/l  
RT: 4.550 min Scan# 569  
Delta R.T. -0.006 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

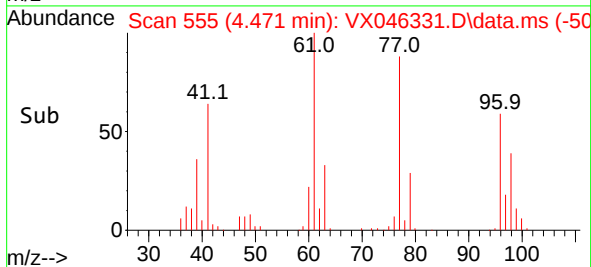
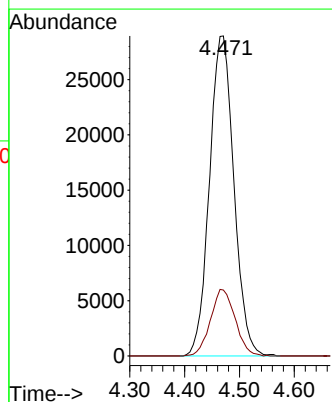
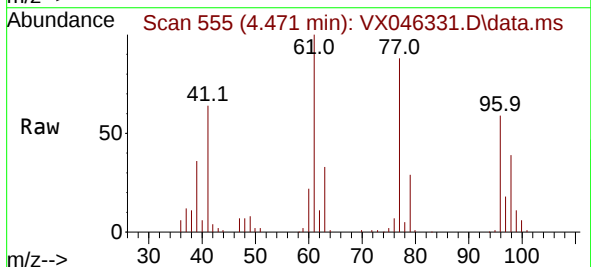
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 266316  
Ion Ratio Lower Upper  
43 100  
72 22.3 18.4 27.6



#26  
2,2-Dichloropropane  
Concen: 52.155 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.006 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 77 Resp: 89521  
Ion Ratio Lower Upper  
77 100  
97 21.0 10.5 31.5



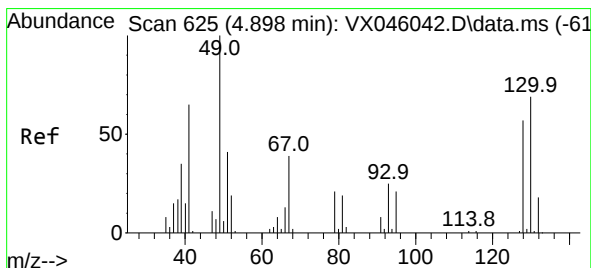
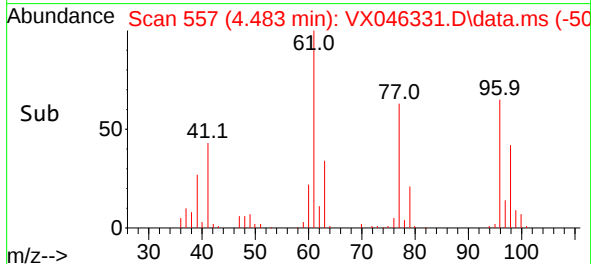
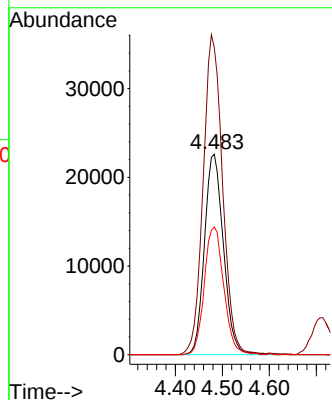
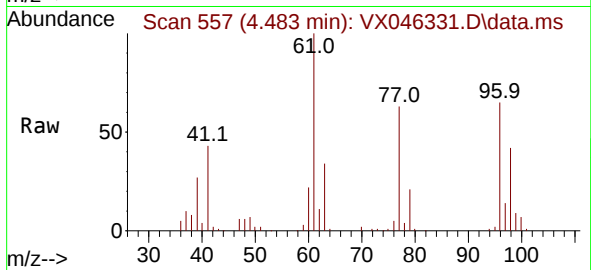


#27  
 cis-1,2-Dichloroethene  
 Concen: 49.159 ug/l  
 RT: 4.483 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VX046331.D  
 Acq: 23 May 2025 09:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 63472  

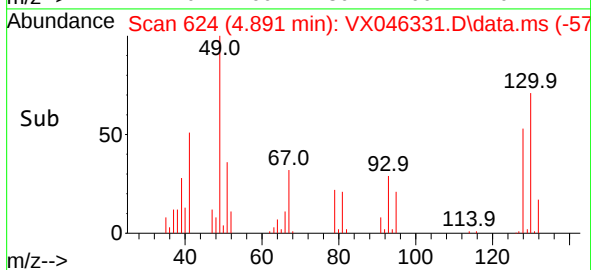
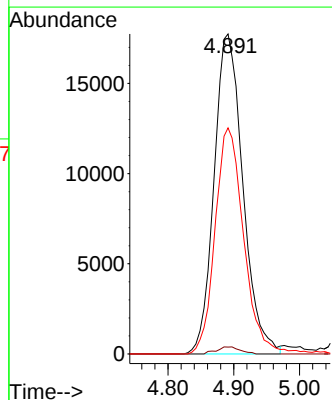
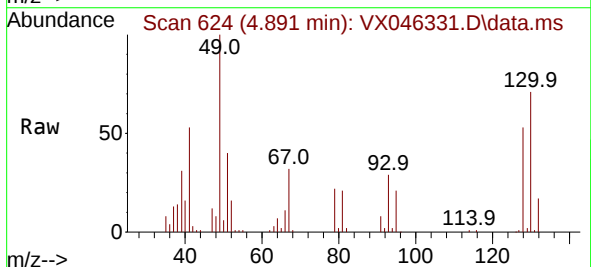
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 162.9 | 0.0   | 322.8 |
| 98  | 65.1  | 0.0   | 129.0 |

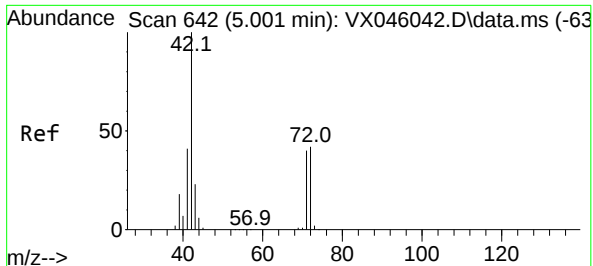


#28  
 Bromochloromethane  
 Concen: 51.292 ug/l  
 RT: 4.891 min Scan# 624  
 Delta R.T. -0.006 min  
 Lab File: VX046331.D  
 Acq: 23 May 2025 09:24

Tgt Ion: 49 Resp: 54142  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.8   | 0.0   | 4.0   |
| 130 | 70.2  | 56.2  | 84.2  |





#29

Tetrahydrofuran

Concen: 272.575 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

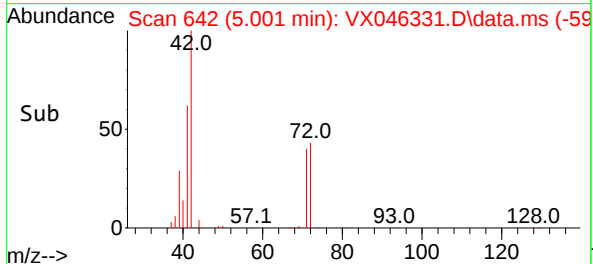
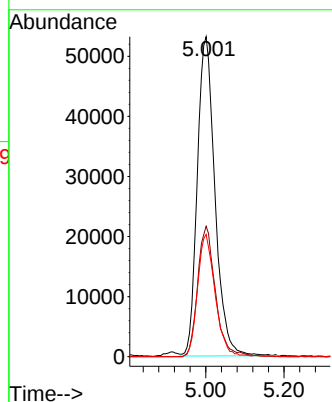
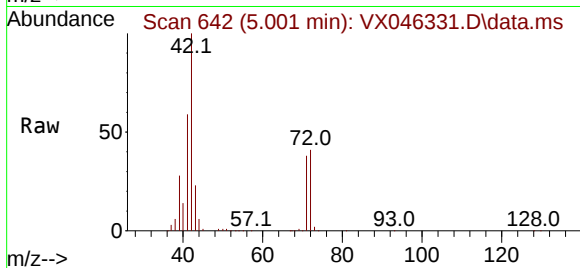
Tgt Ion: 42 Resp: 166716

Ion Ratio Lower Upper

42 100

72 41.2 33.7 50.5

71 37.9 31.4 47.2



#30

Chloroform

Concen: 50.618 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX046331.D

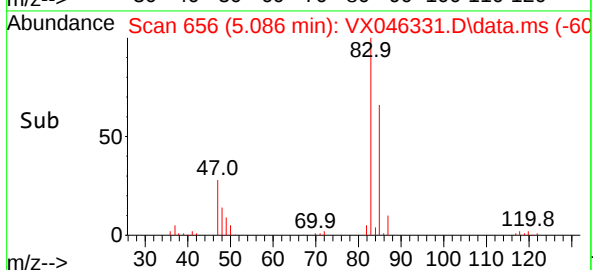
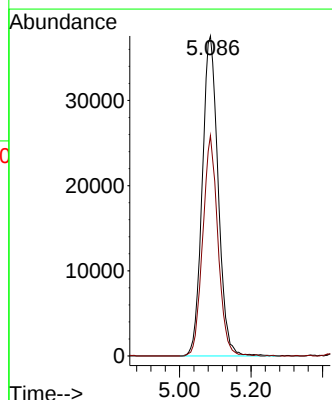
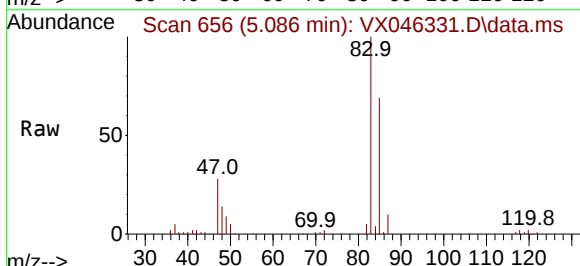
Acq: 23 May 2025 09:24

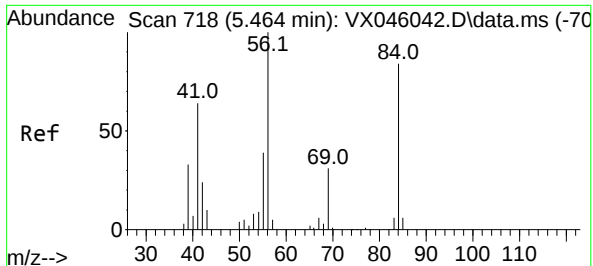
Tgt Ion: 83 Resp: 115698

Ion Ratio Lower Upper

83 100

85 68.9 49.3 73.9

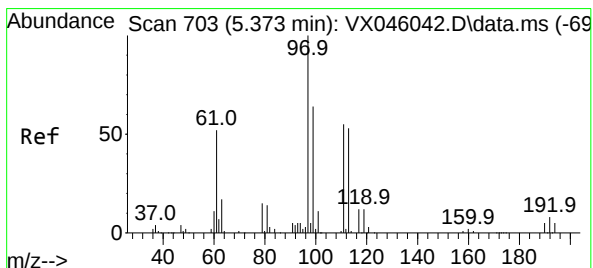
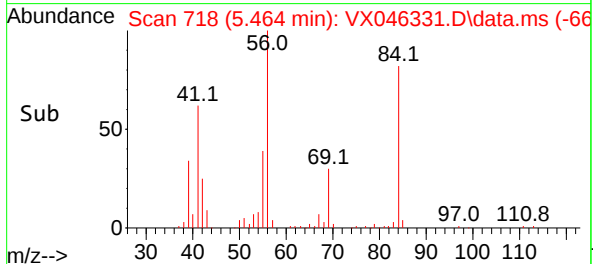
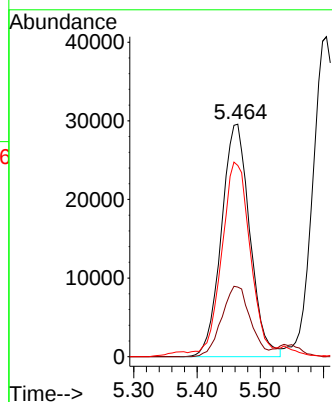
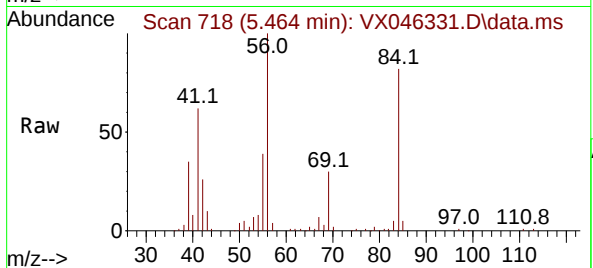




#31  
Cyclohexane  
Concen: 46.166 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

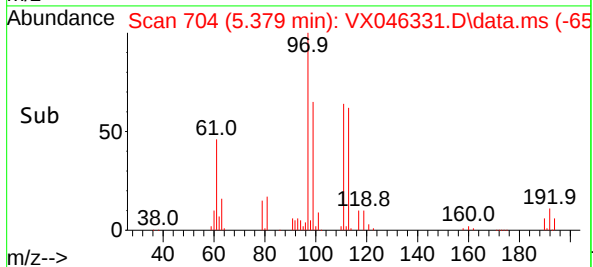
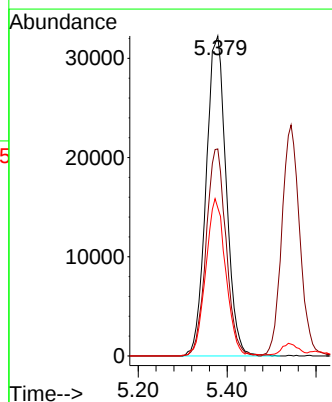
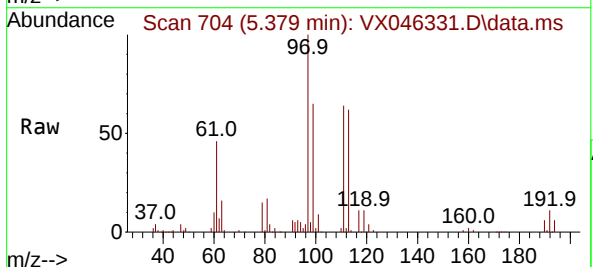
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

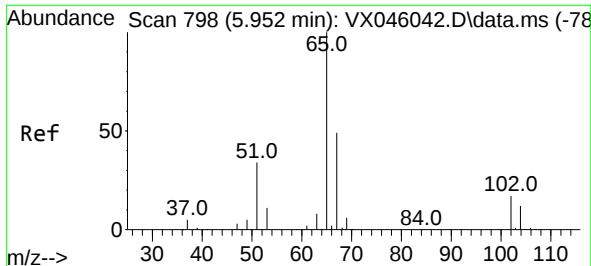
Tgt Ion: 56 Resp: 92255  
Ion Ratio Lower Upper  
56 100  
69 30.0 24.4 36.6  
84 80.1 66.9 100.3



#32  
1,1,1-Trichloroethane  
Concen: 51.206 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 97 Resp: 101459  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.8 77.6  
61 49.1 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 51.802 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

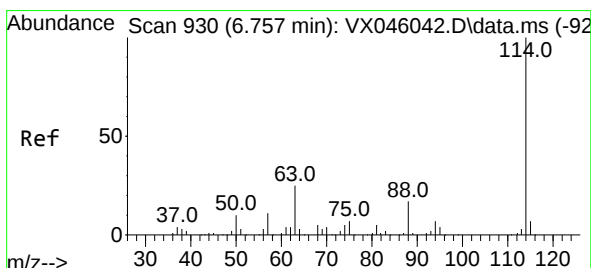
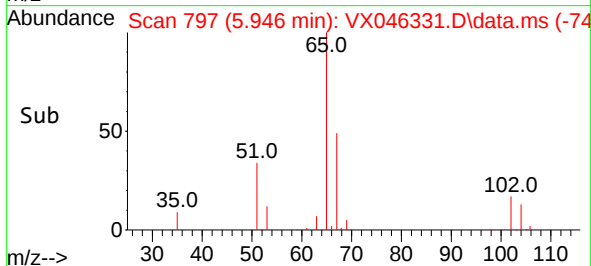
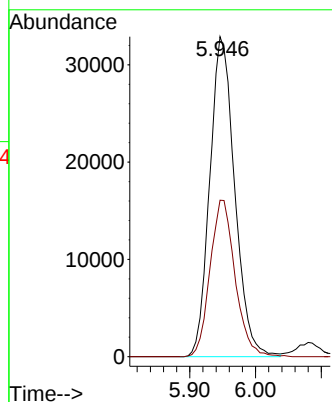
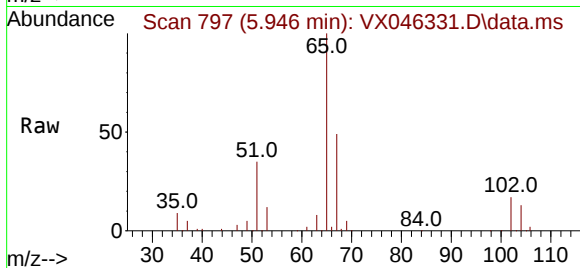
VSTDCCC050

Tgt Ion: 65 Resp: 86863

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

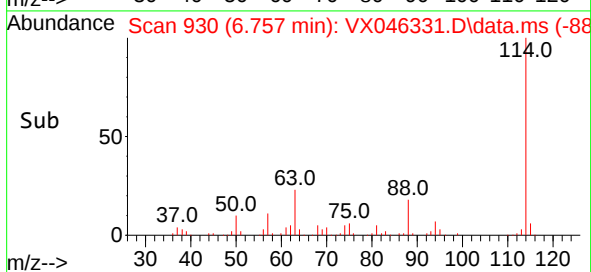
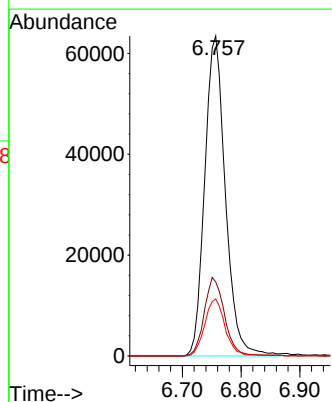
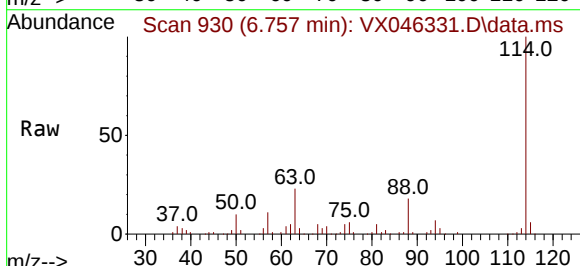
Tgt Ion: 114 Resp: 154938

Ion Ratio Lower Upper

114 100

63 23.1 0.0 49.2

88 17.8 0.0 33.6

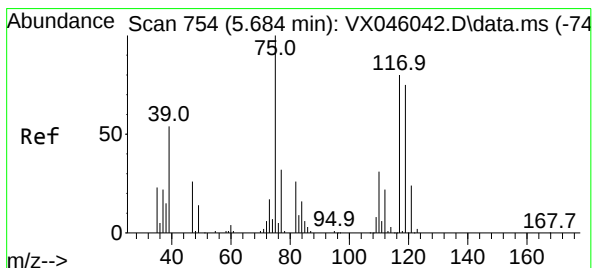
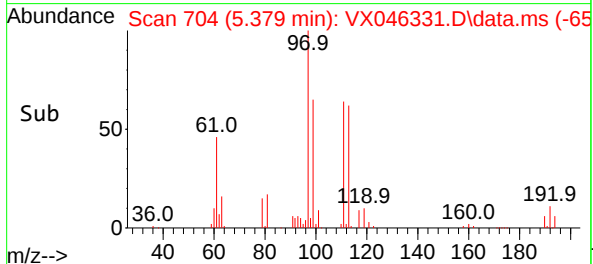
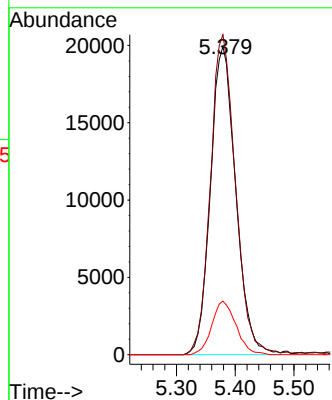
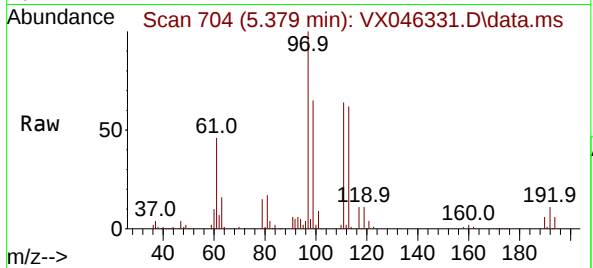




#35  
Dibromofluoromethane  
Concen: 53.265 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

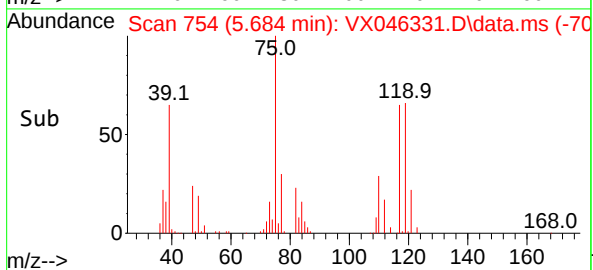
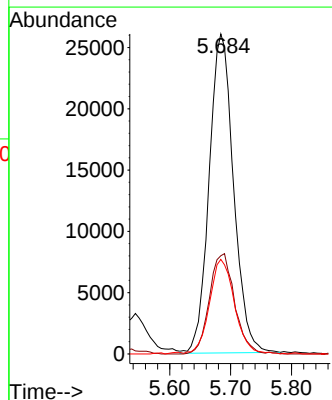
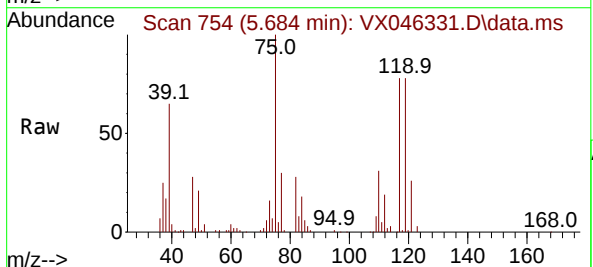
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

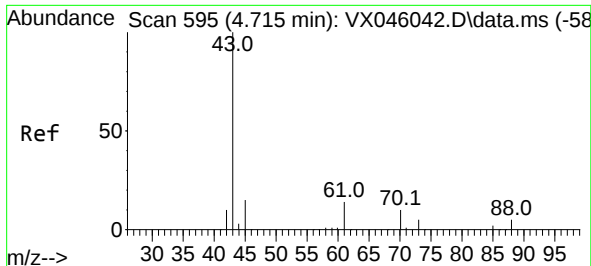
Tgt Ion:113 Resp: 59429  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.1 124.7  
192 16.7 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 48.349 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 75 Resp: 72479  
Ion Ratio Lower Upper  
75 100  
110 32.3 16.3 48.9  
77 30.3 24.3 36.5





#37

Ethyl Acetate

Concen: 52.723 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

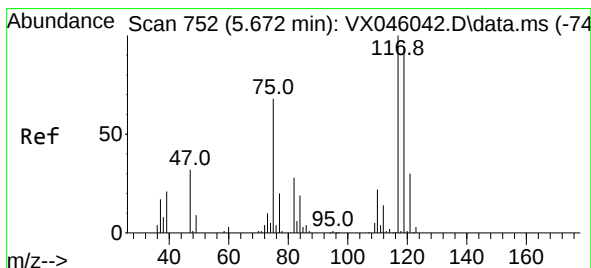
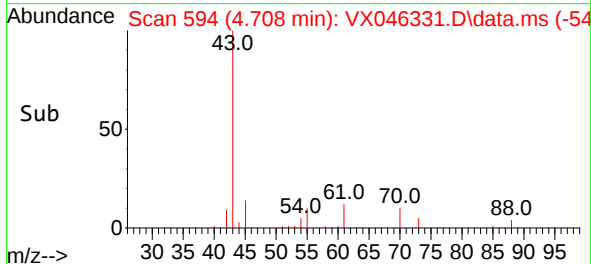
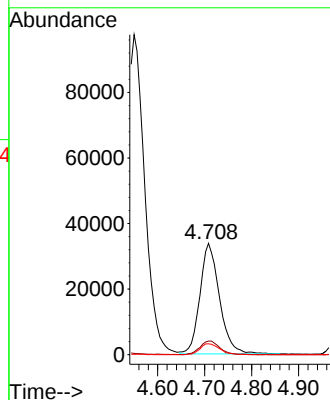
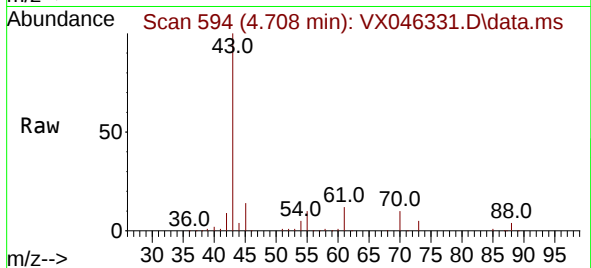
Tgt Ion: 43 Resp: 97648

Ion Ratio Lower Upper

43 100

61 12.5 10.3 15.5

70 9.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 50.709 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

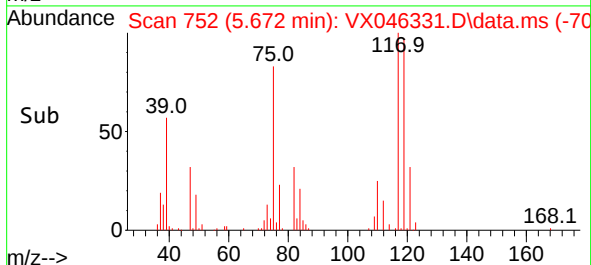
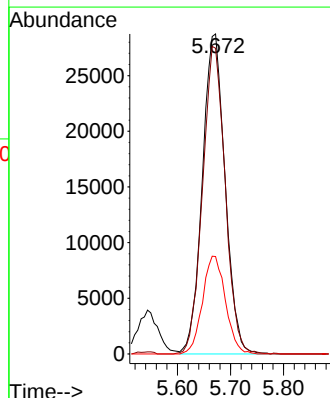
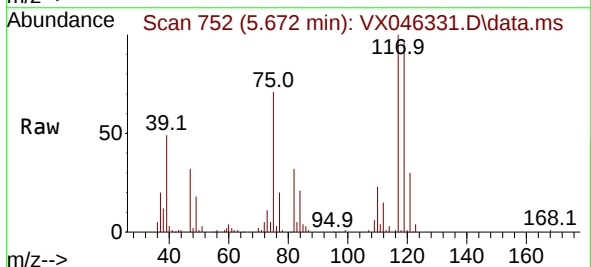
Tgt Ion: 117 Resp: 85412

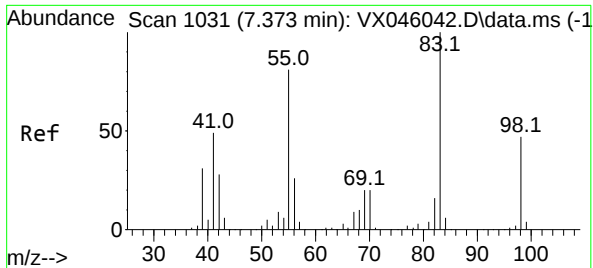
Ion Ratio Lower Upper

117 100

119 95.5 75.2 112.8

121 30.4 24.2 36.4

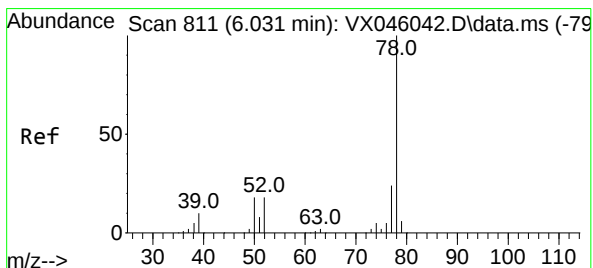
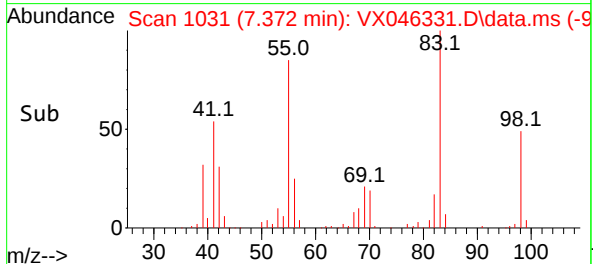
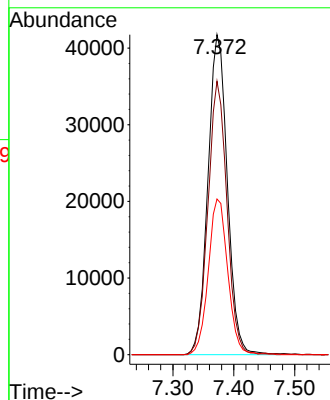
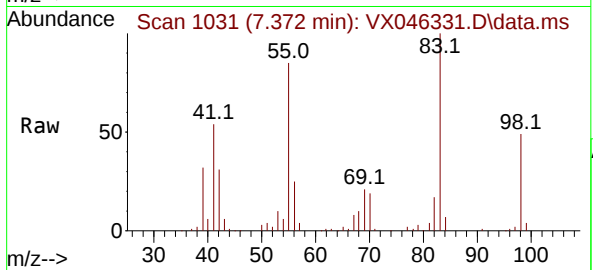




#39  
Methylcyclohexane  
Concen: 47.954 ug/l  
RT: 7.372 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

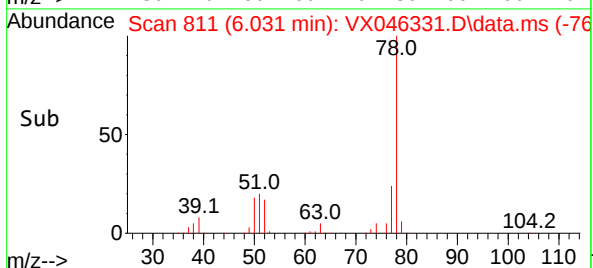
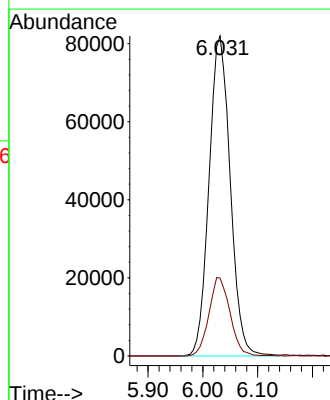
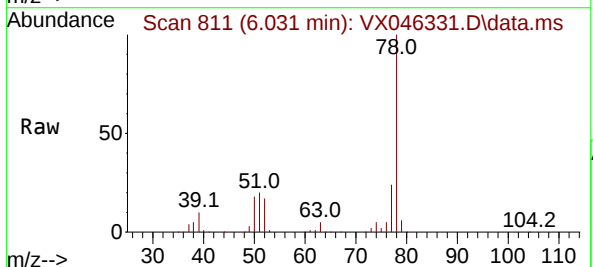
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 92549  
Ion Ratio Lower Upper  
83 100  
55 85.5 64.7 97.1  
98 48.7 37.4 56.2



#40  
Benzene  
Concen: 50.133 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 78 Resp: 220133  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.0 28.4

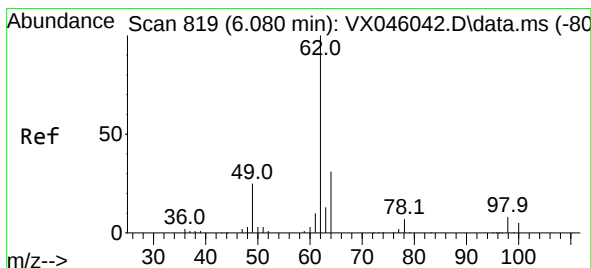
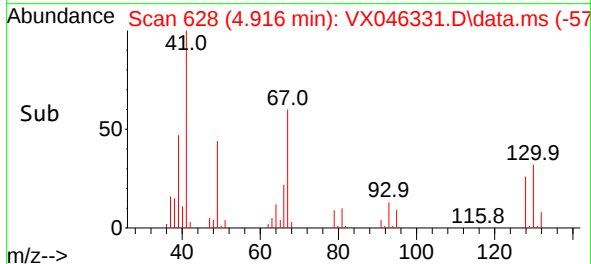
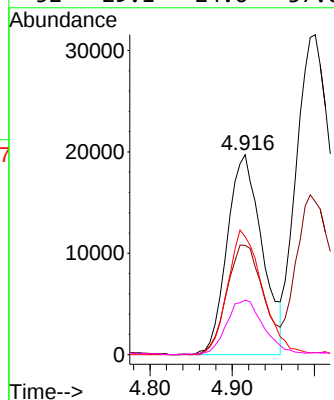
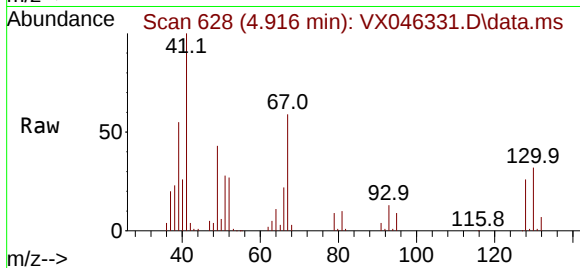




#41  
Methacrylonitrile  
Concen: 60.322 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

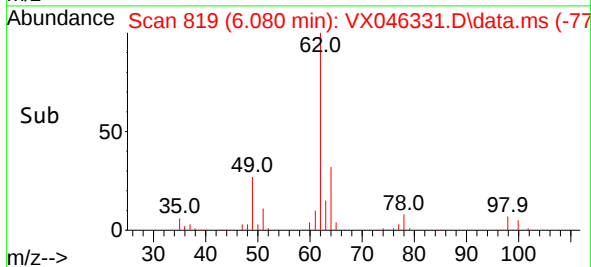
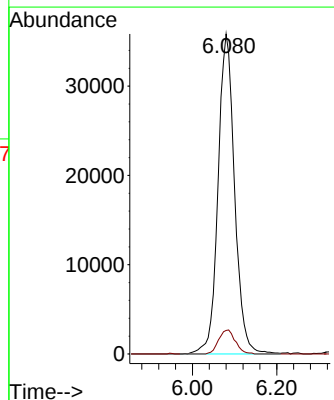
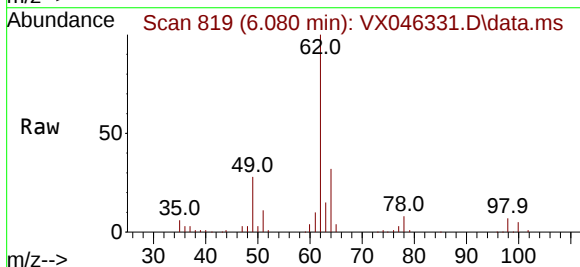
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

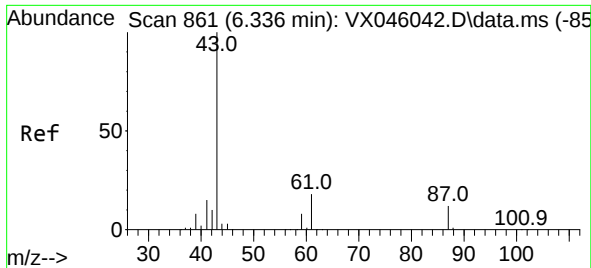
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 58444 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.4  | 47.2  | 70.8  |
| 67       | 62.0  | 50.7  | 76.1  |
| 52       | 29.1  | 24.6  | 37.0  |



#42  
1,2-Dichloroethane  
Concen: 51.375 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 97361 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.6   | 0.0   | 15.2  |

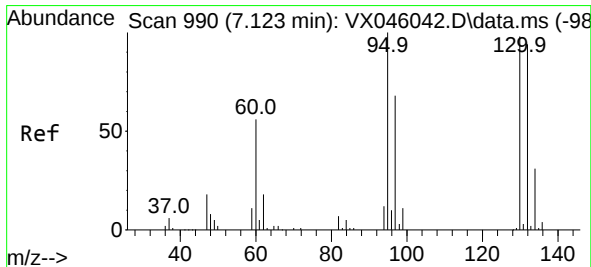
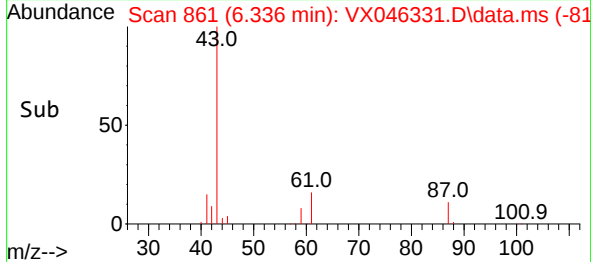
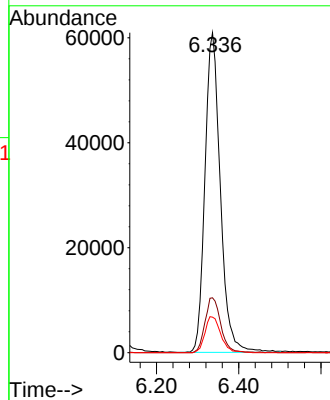
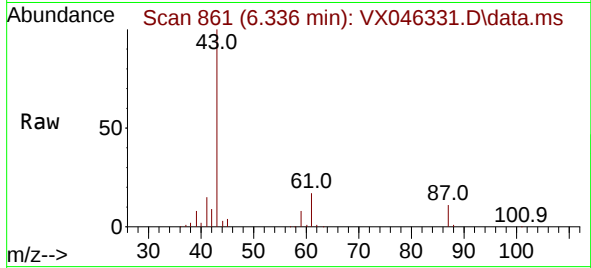




#43  
Isopropyl Acetate  
Concen: 55.999 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

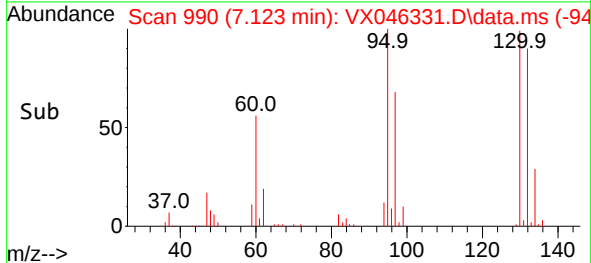
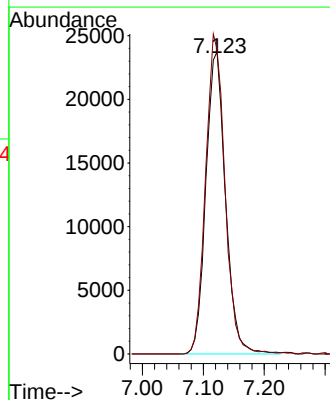
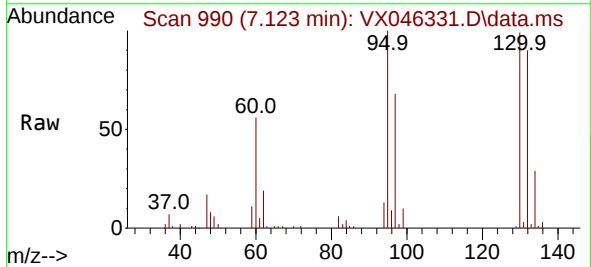
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

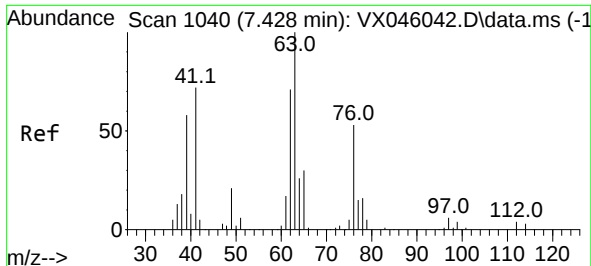
Tgt Ion: 43 Resp: 158225  
Ion Ratio Lower Upper  
43 100  
61 17.6 14.3 21.5  
87 11.6 9.5 14.3



#44  
Trichloroethene  
Concen: 50.279 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion:130 Resp: 53136  
Ion Ratio Lower Upper  
130 100  
95 100.8 0.0 204.2





#45

1,2-Dichloropropane

Concen: 53.136 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

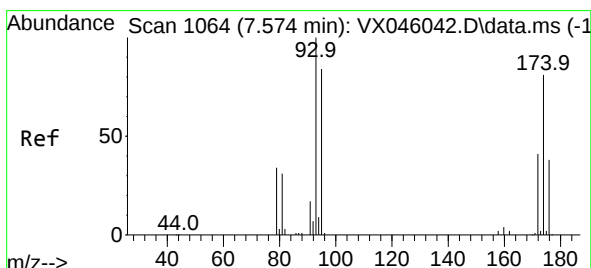
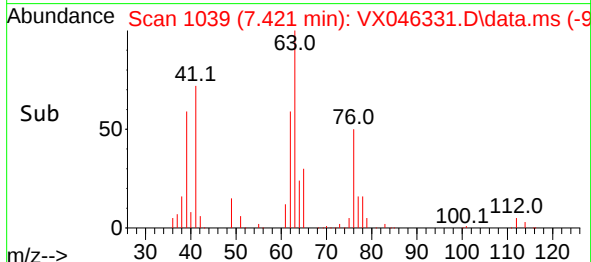
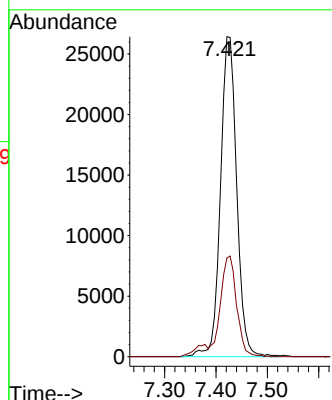
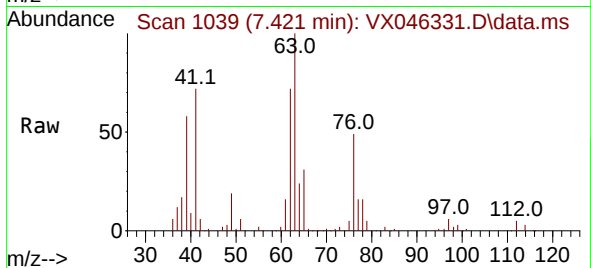
VSTDCCC050

Tgt Ion: 63 Resp: 58016

Ion Ratio Lower Upper

63 100

65 30.8 24.1 36.1



#46

Dibromomethane

Concen: 51.454 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

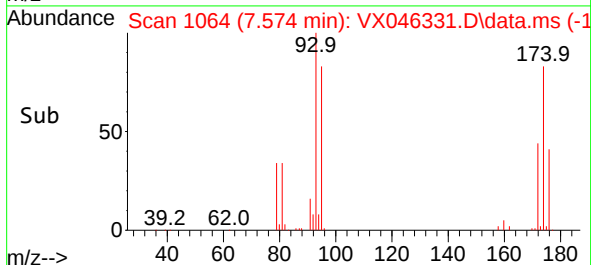
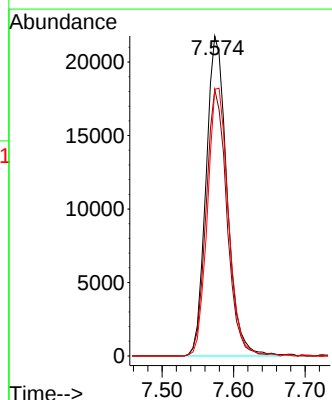
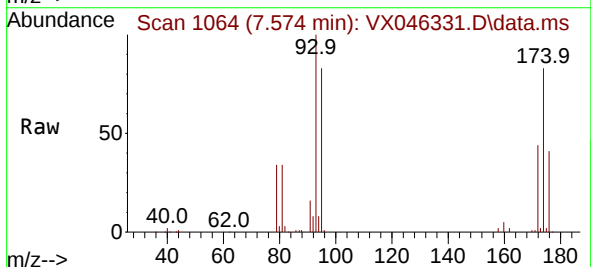
Tgt Ion: 93 Resp: 44309

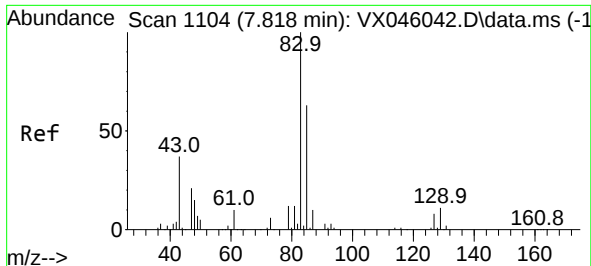
Ion Ratio Lower Upper

93 100

95 82.7 65.6 98.4

174 84.2 68.2 102.2

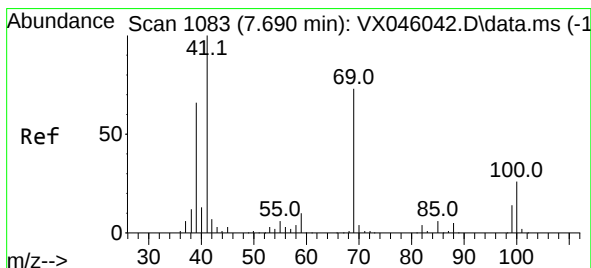
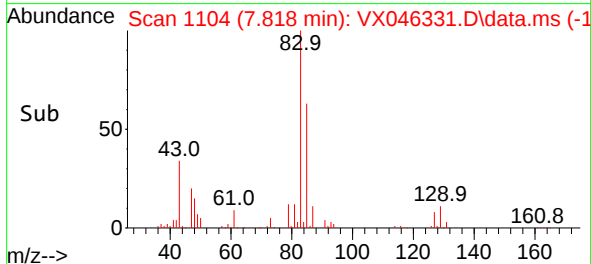
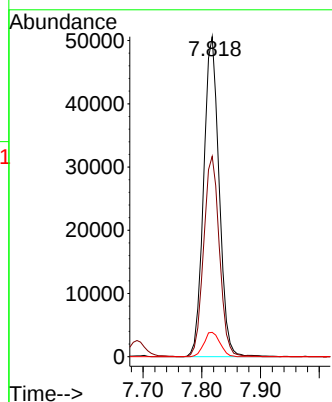
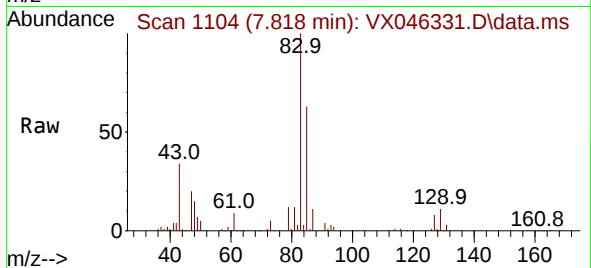




#47  
Bromodichloromethane  
Concen: 54.392 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

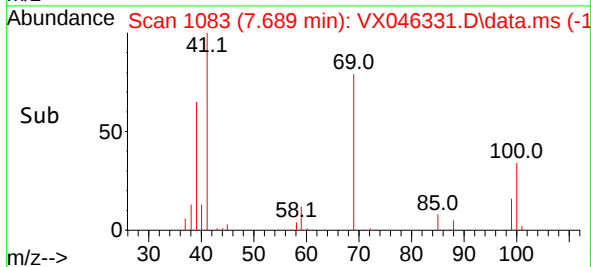
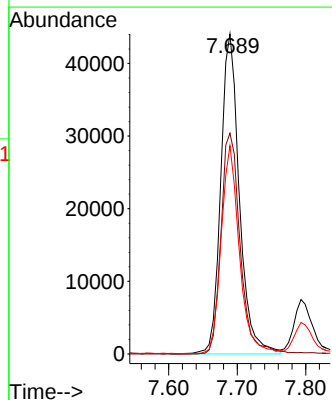
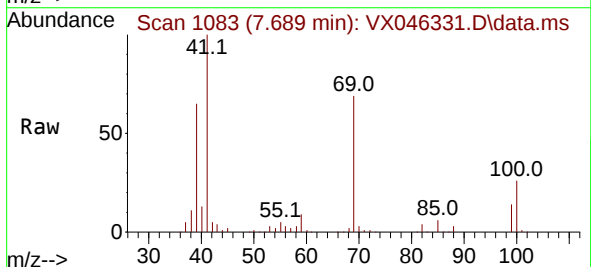
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

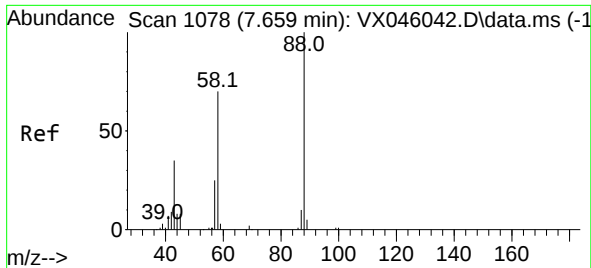
Tgt Ion: 83 Resp: 92253  
Ion Ratio Lower Upper  
83 100  
85 62.6 50.5 75.7  
127 7.6 6.5 9.7



#48  
Methyl methacrylate  
Concen: 57.467 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 41 Resp: 82925  
Ion Ratio Lower Upper  
41 100  
69 72.0 58.5 87.7  
39 63.5 51.7 77.5

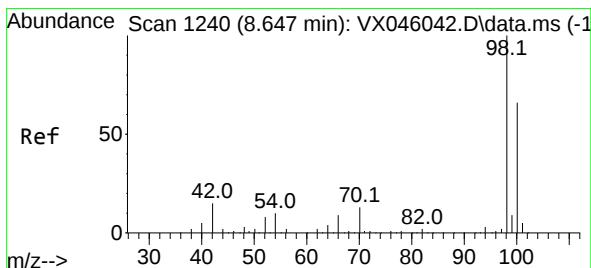
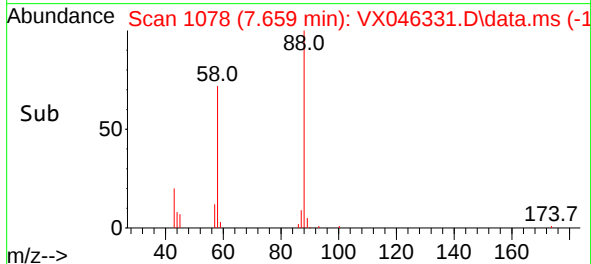
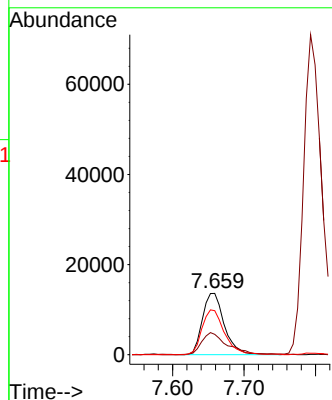
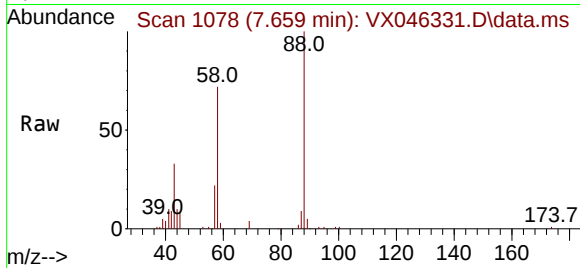




#49  
1,4-Dioxane  
Concen: 1053.147 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

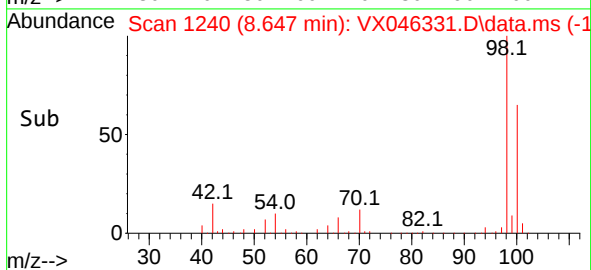
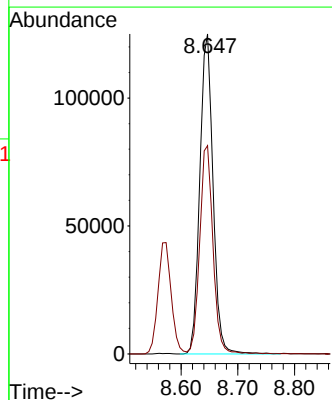
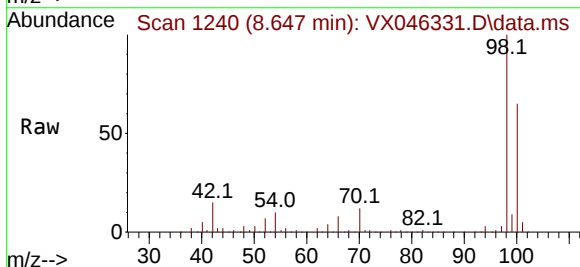
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

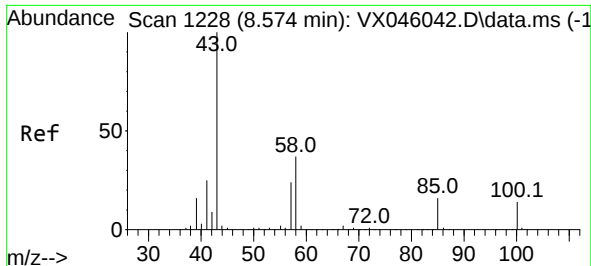
|             |             |
|-------------|-------------|
| Tgt Ion: 88 | Resp: 28855 |
| Ion Ratio   | Lower Upper |
| 88 100      |             |
| 43 42.3     | 33.4 50.2   |
| 58 74.9     | 58.6 88.0   |



#50  
Toluene-d8  
Concen: 52.423 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 202439 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 64.6    | 53.5 80.3    |

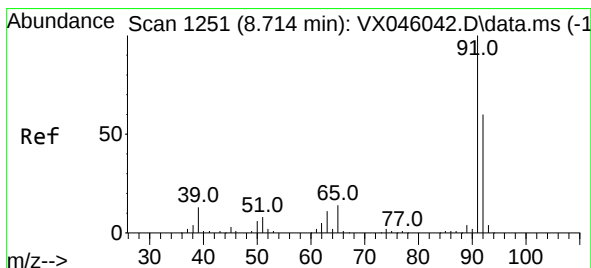
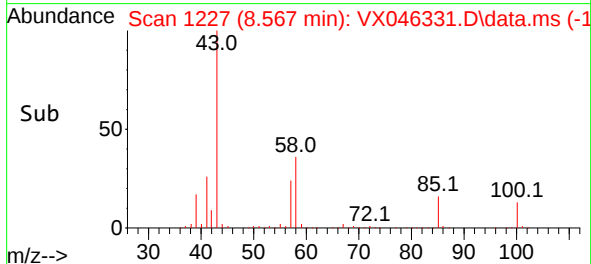
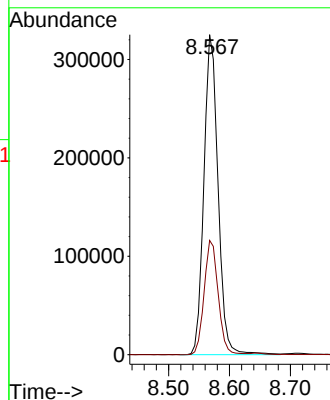
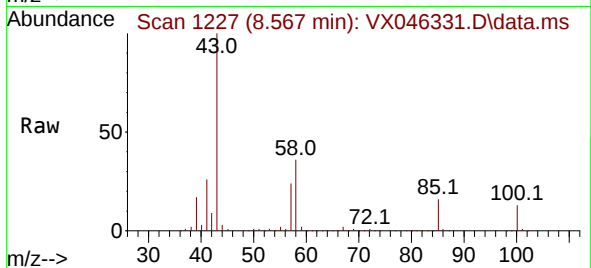




#51  
4-Methyl-2-Pentanone  
Concen: 279.753 ug/l  
RT: 8.567 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

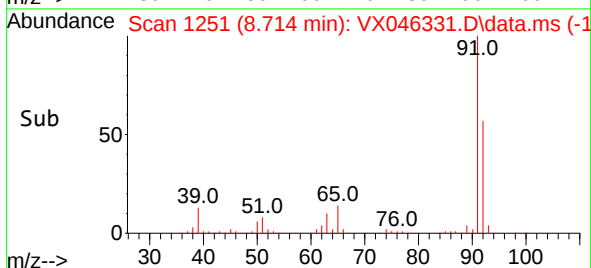
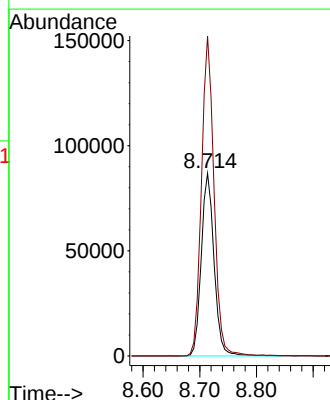
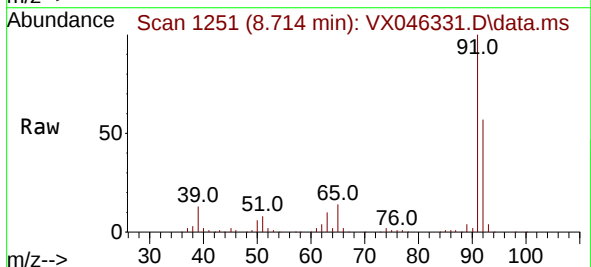
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

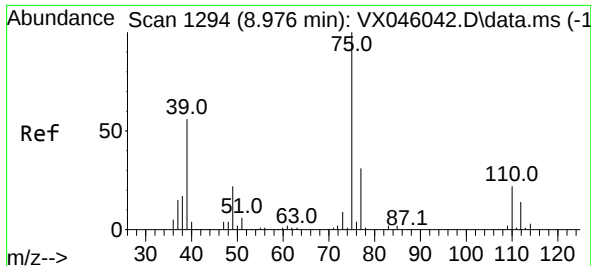
Tgt Ion: 43 Resp: 524686  
Ion Ratio Lower Upper  
43 100  
58 35.5 28.9 43.3



#52  
Toluene  
Concen: 50.537 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 92 Resp: 136068  
Ion Ratio Lower Upper  
92 100  
91 172.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 55.750 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

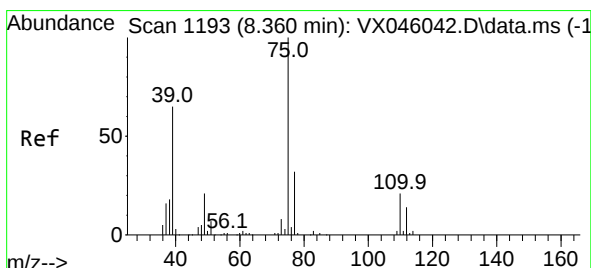
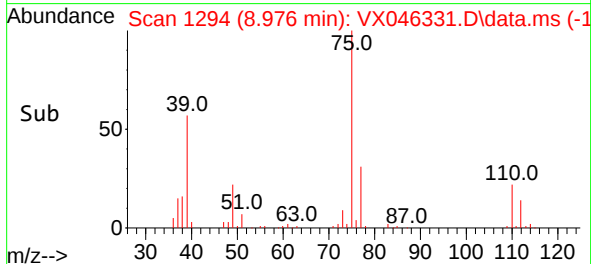
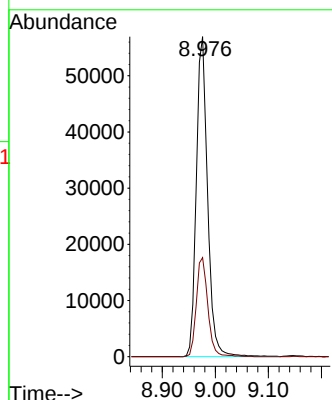
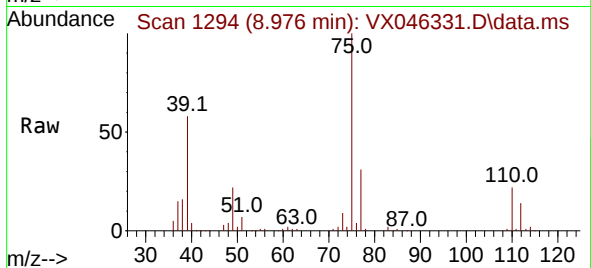
VSTDCCC050

Tgt Ion: 75 Resp: 84046

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.982 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

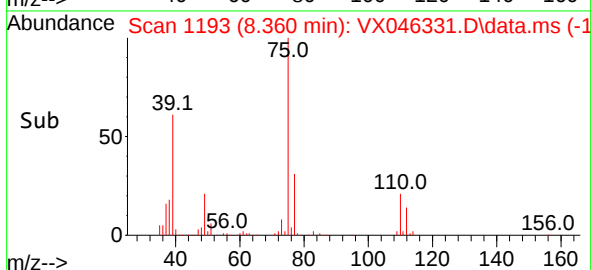
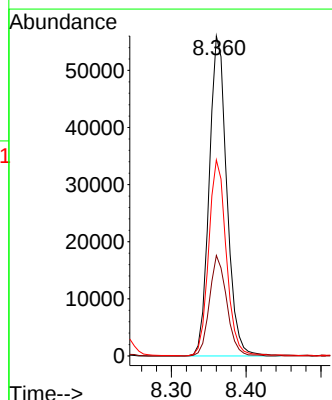
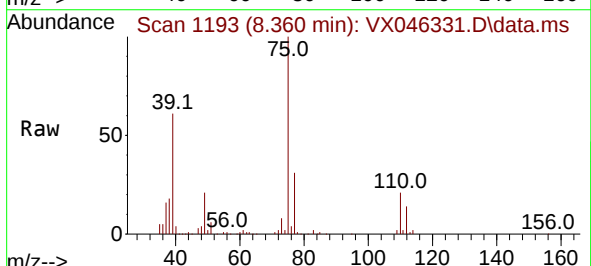
Tgt Ion: 75 Resp: 91612

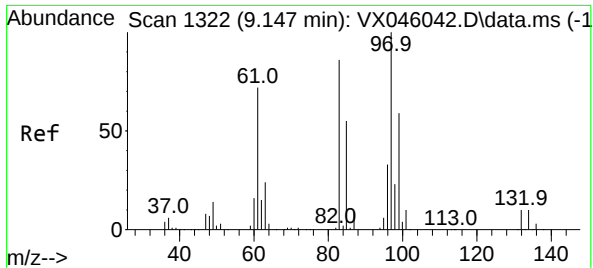
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 61.1 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 53.371 ug/l

RT: 9.147 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 56661

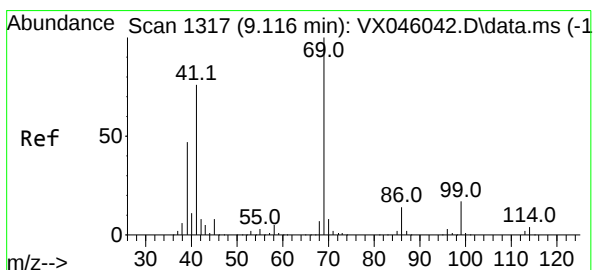
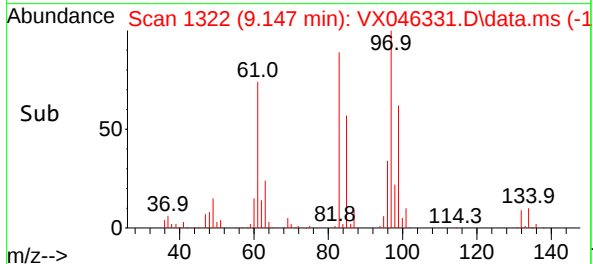
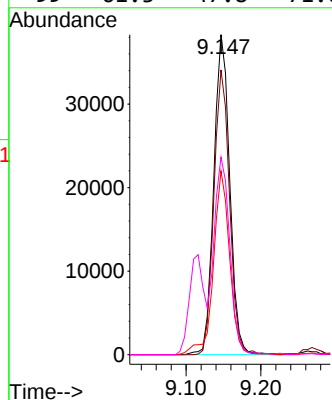
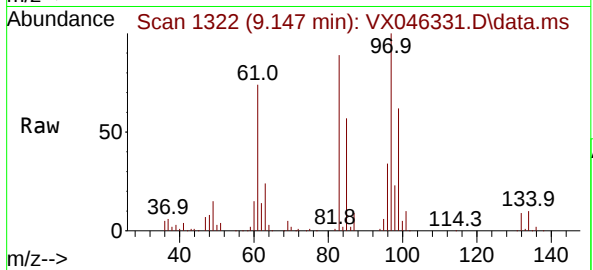
Ion Ratio Lower Upper

97 100

83 89.0 69.0 103.6

85 57.5 44.3 66.5

99 61.3 47.8 71.6



#56

Ethyl methacrylate

Concen: 57.619 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

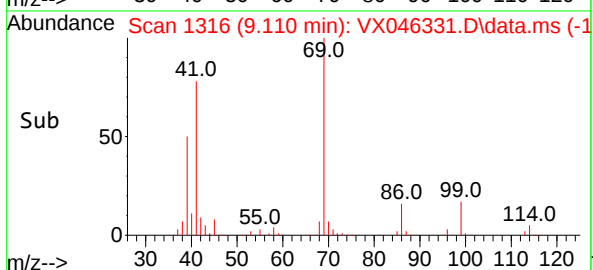
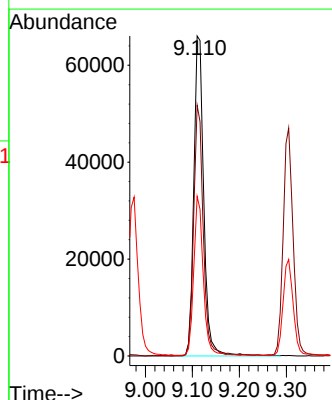
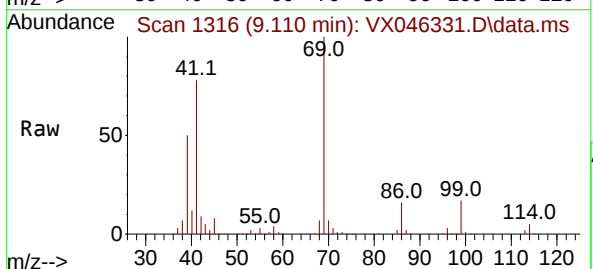
Tgt Ion: 69 Resp: 97493

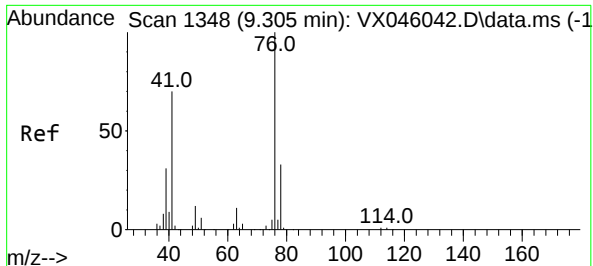
Ion Ratio Lower Upper

69 100

41 75.9 60.8 91.2

39 47.4 39.0 58.6





#57

1,3-Dichloropropane

Concen: 51.895 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

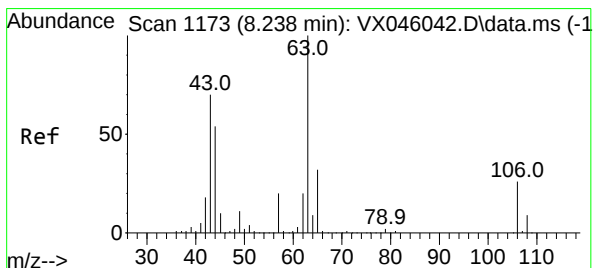
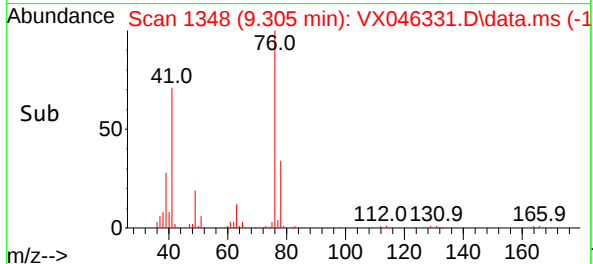
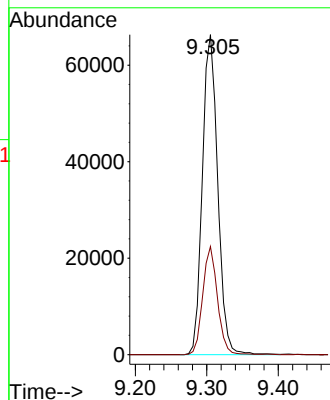
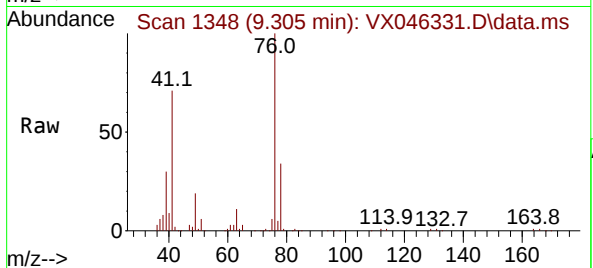
VSTDCCC050

Tgt Ion: 76 Resp: 98945

Ion Ratio Lower Upper

76 100

78 32.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 268.416 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046331.D

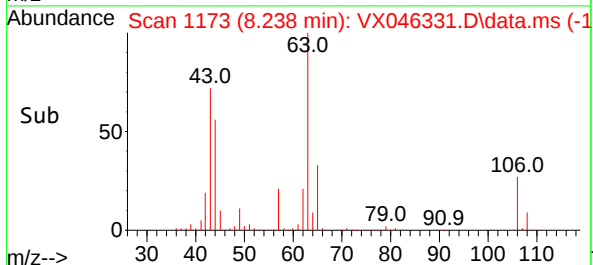
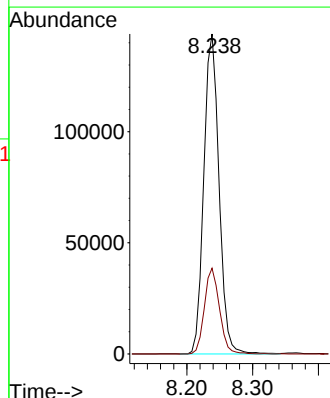
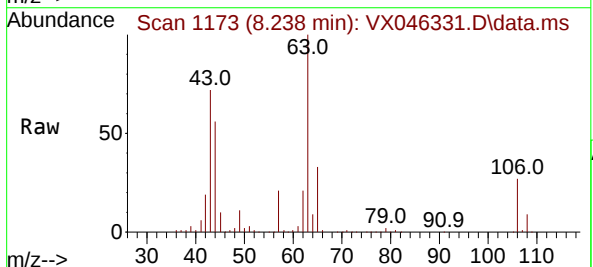
Acq: 23 May 2025 09:24

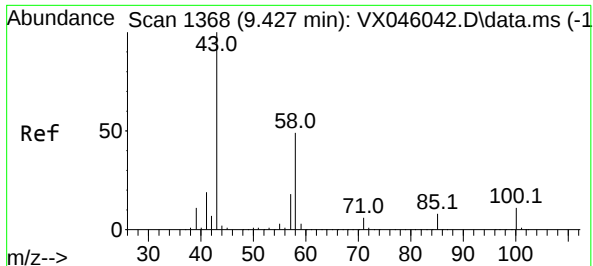
Tgt Ion: 63 Resp: 231542

Ion Ratio Lower Upper

63 100

106 26.5 21.5 32.3





#59

2-Hexanone

Concen: 285.172 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

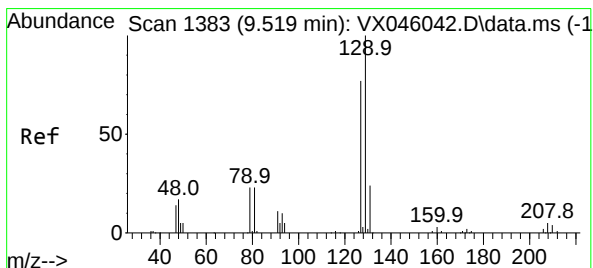
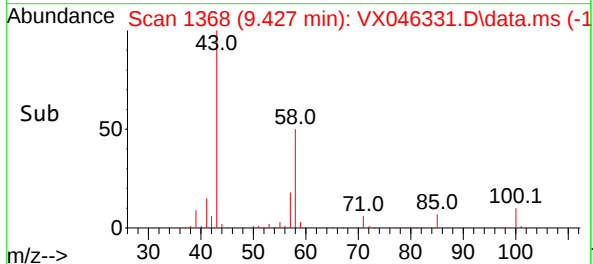
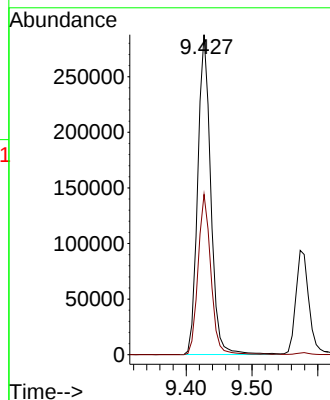
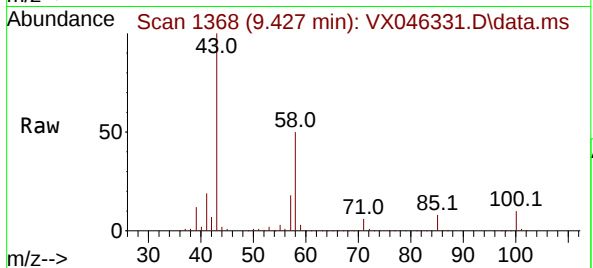
VSTDCCC050

Tgt Ion: 43 Resp: 395700

Ion Ratio Lower Upper

43 100

58 49.5 24.9 74.6



#60

Dibromochloromethane

Concen: 55.399 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX046331.D

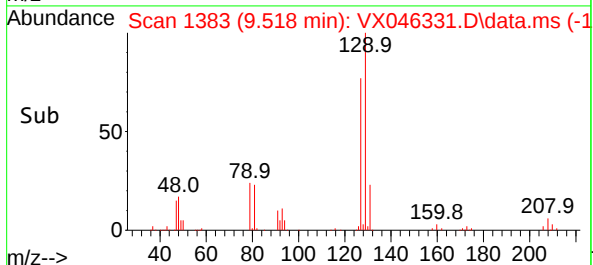
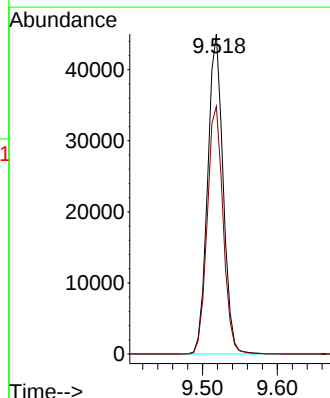
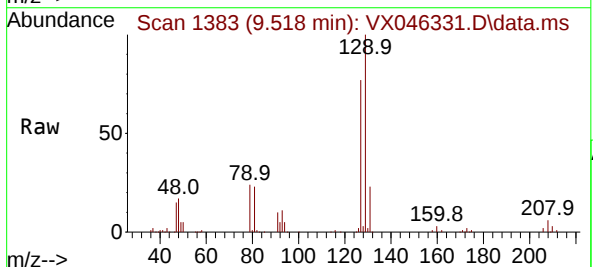
Acq: 23 May 2025 09:24

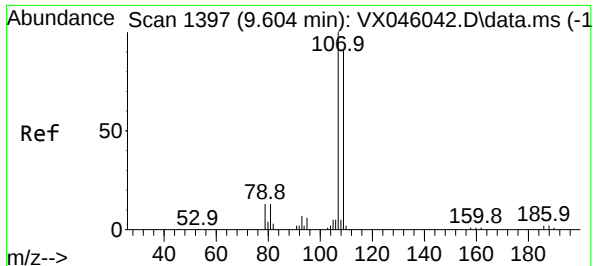
Tgt Ion: 129 Resp: 64591

Ion Ratio Lower Upper

129 100

127 79.4 39.3 117.8

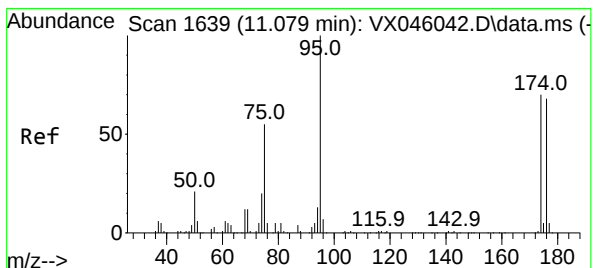
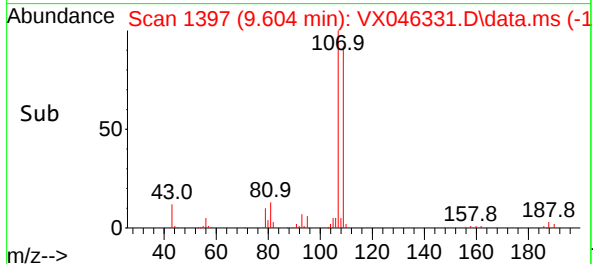
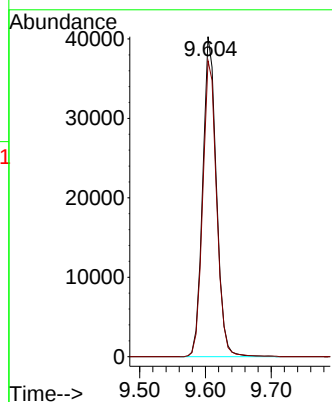
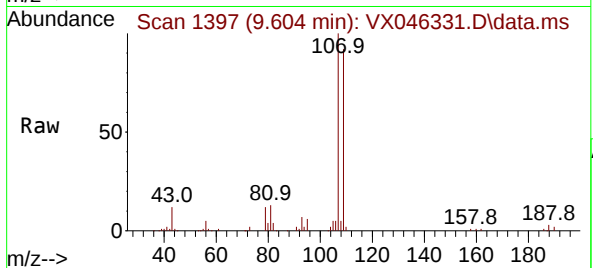




#61  
1,2-Dibromoethane  
Concen: 52.931 ug/l  
RT: 9.604 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

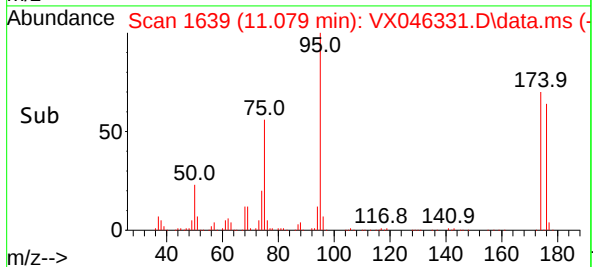
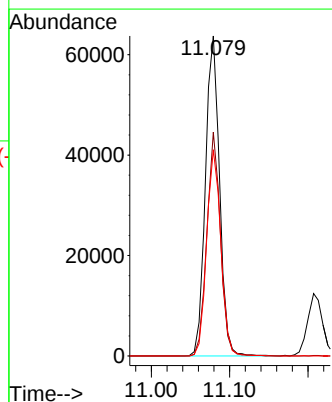
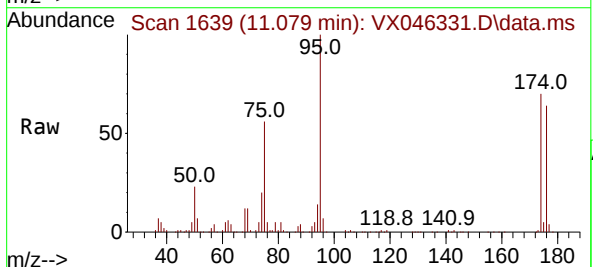
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

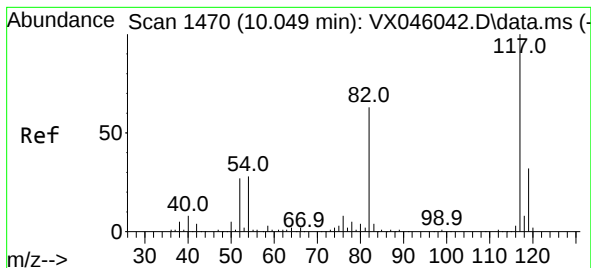
Tgt Ion:107 Resp: 58405  
Ion Ratio Lower Upper  
107 100  
109 93.9 73.3 109.9



#62  
4-Bromofluorobenzene  
Concen: 53.716 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 95 Resp: 79568  
Ion Ratio Lower Upper  
95 100  
174 67.3 0.0 135.8  
176 64.6 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

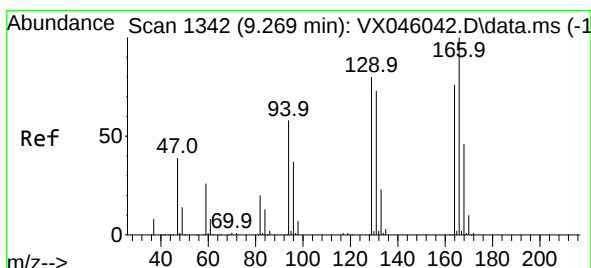
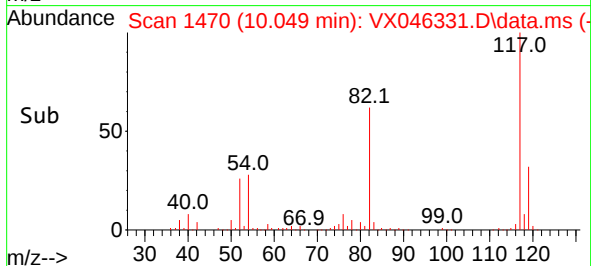
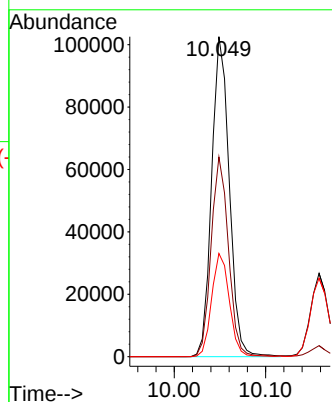
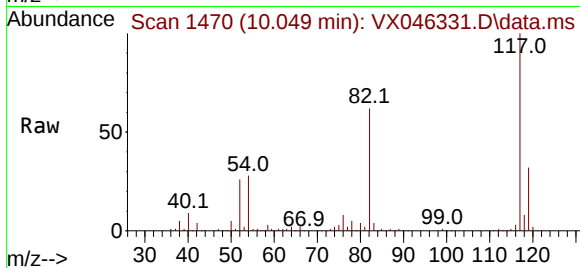
Tgt Ion:117 Resp: 137123

Ion Ratio Lower Upper

117 100

82 62.4 50.6 76.0

119 32.2 25.8 38.6



#64

Tetrachloroethene

Concen: 50.481 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Tgt Ion:164 Resp: 48977

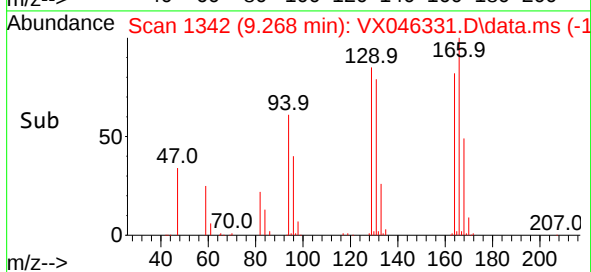
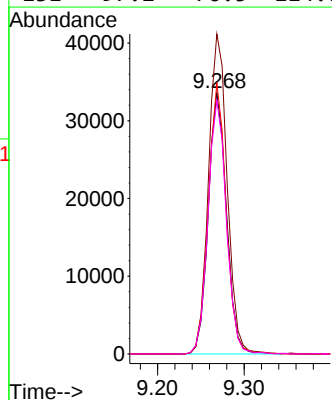
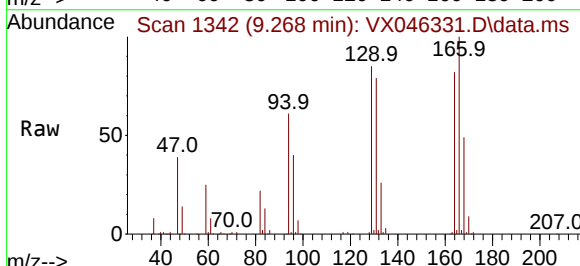
Ion Ratio Lower Upper

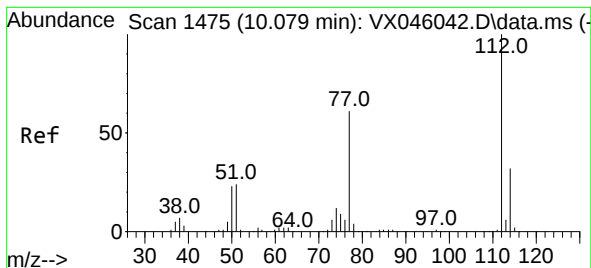
164 100

166 122.6 105.0 157.6

129 103.9 83.5 125.3

131 97.2 76.5 114.7





#65

Chlorobenzene

Concen: 49.525 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

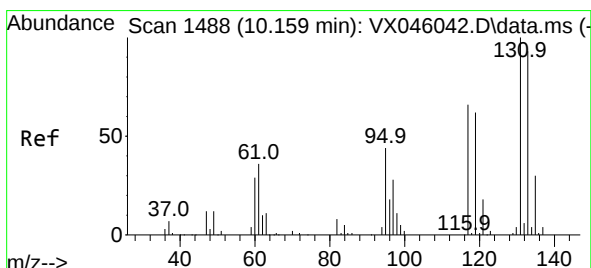
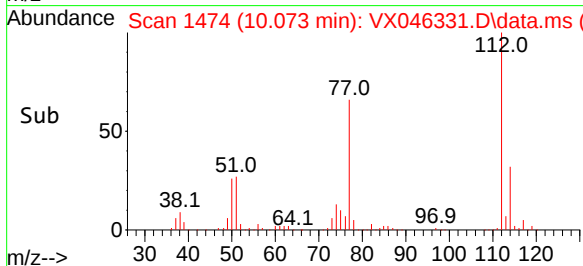
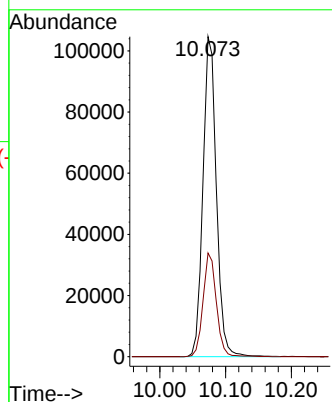
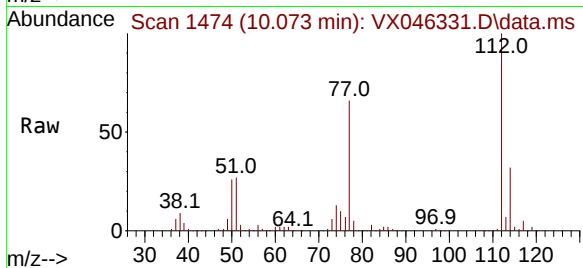
VSTDCCC050

Tgt Ion:112 Resp: 148639

Ion Ratio Lower Upper

112 100

114 32.4 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.010 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

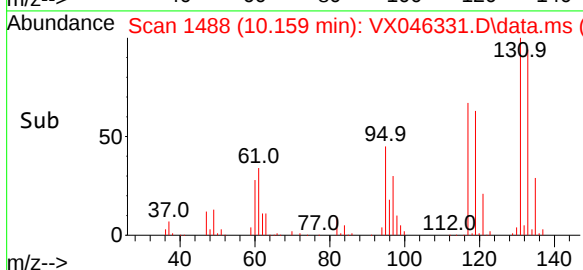
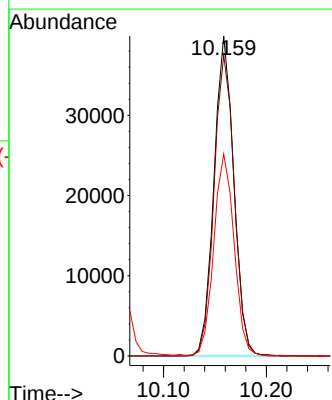
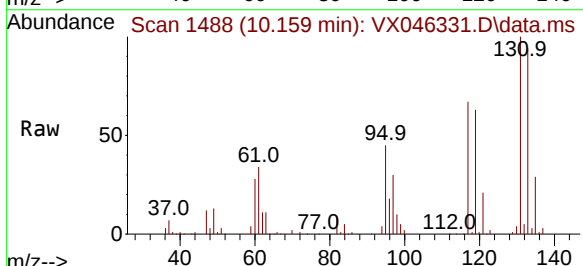
Tgt Ion:131 Resp: 53302

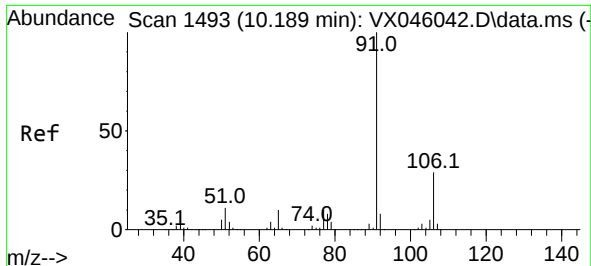
Ion Ratio Lower Upper

131 100

133 96.3 47.3 141.9

119 64.8 31.6 95.0





#67

Ethyl Benzene

Concen: 51.457 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

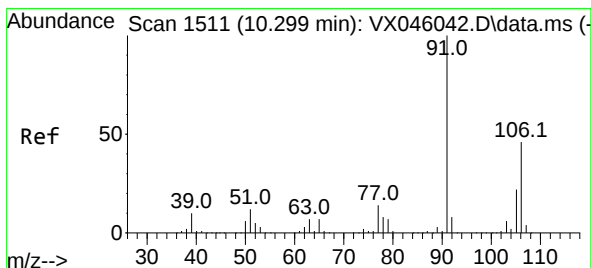
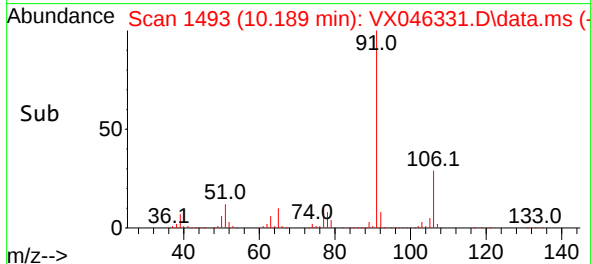
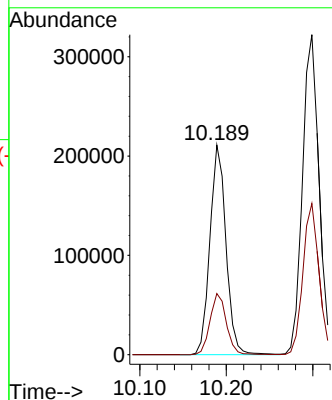
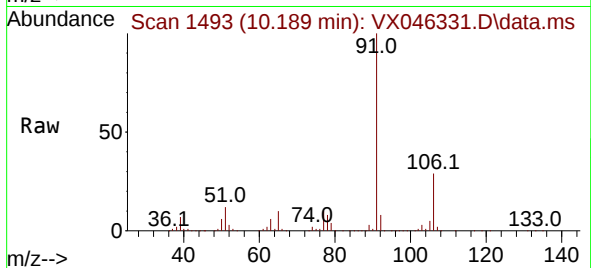
VSTDCCC050

Tgt Ion: 91 Resp: 272231

Ion Ratio Lower Upper

91 100

106 29.2 23.4 35.2



#68

m/p-Xylenes

Concen: 101.954 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046331.D

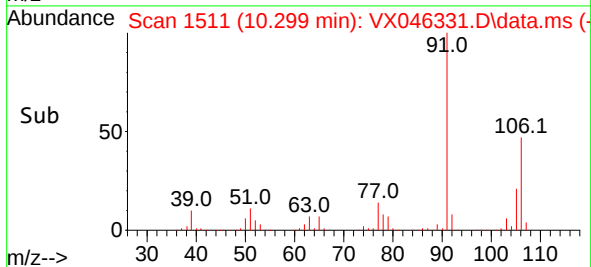
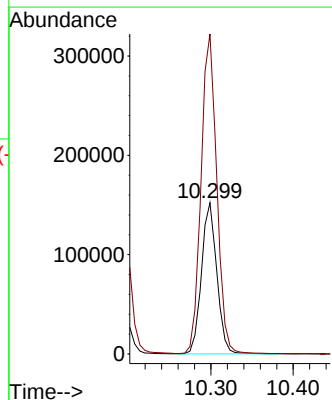
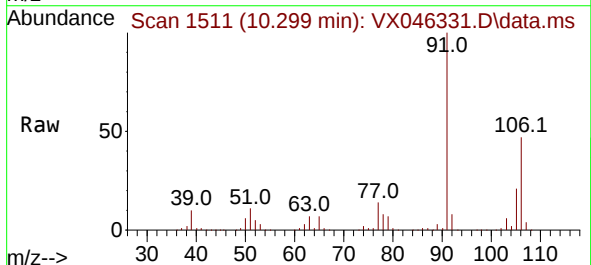
Acq: 23 May 2025 09:24

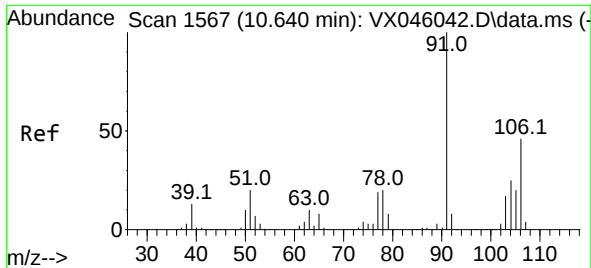
Tgt Ion:106 Resp: 197275

Ion Ratio Lower Upper

106 100

91 217.8 171.2 256.8

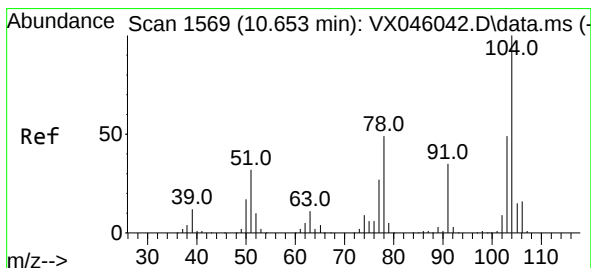
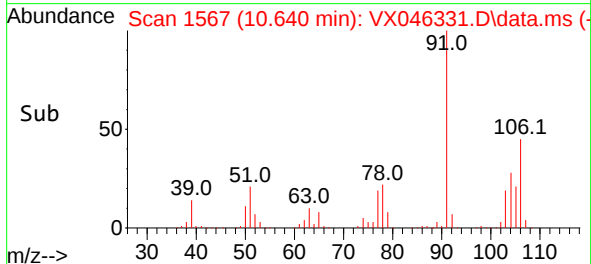
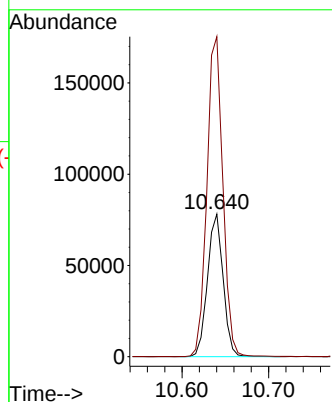
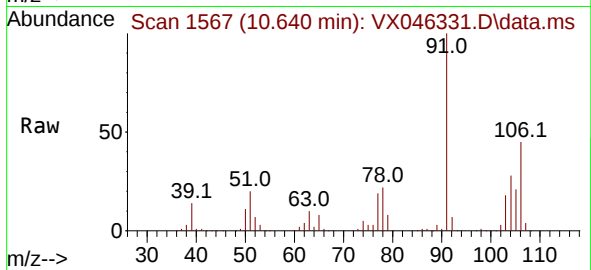




#69  
o-Xylene  
Concen: 51.899 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

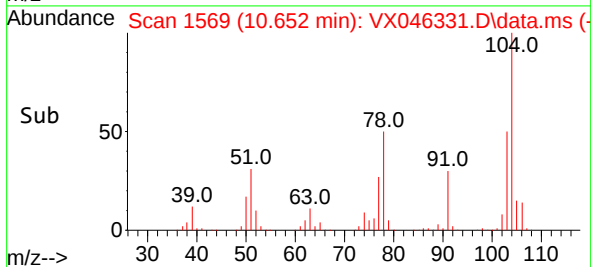
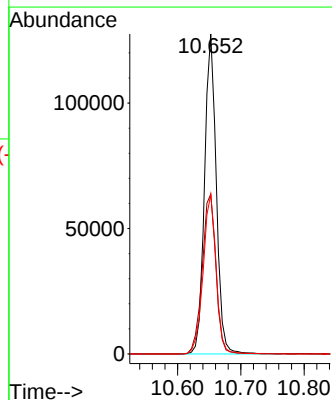
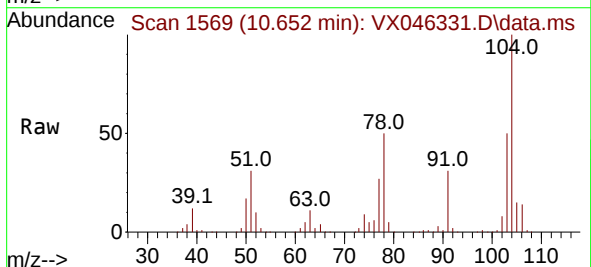
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

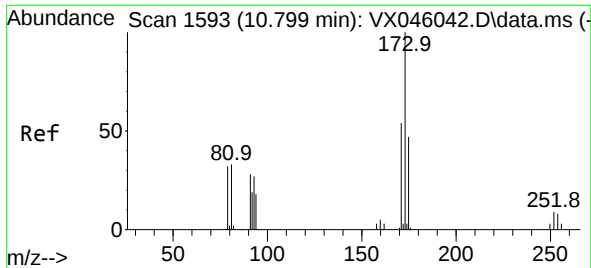
Tgt Ion:106 Resp: 97901  
Ion Ratio Lower Upper  
106 100  
91 229.1 112.7 338.1



#70  
Styrene  
Concen: 53.599 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion:104 Resp: 165627  
Ion Ratio Lower Upper  
104 100  
78 58.1 45.7 68.5  
103 55.3 43.7 65.5

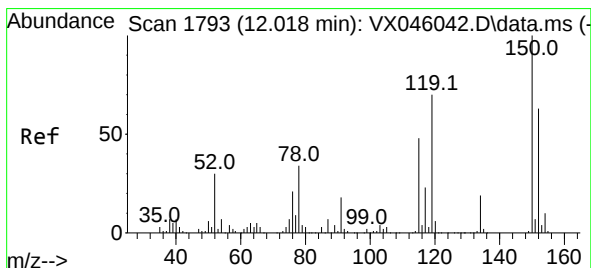
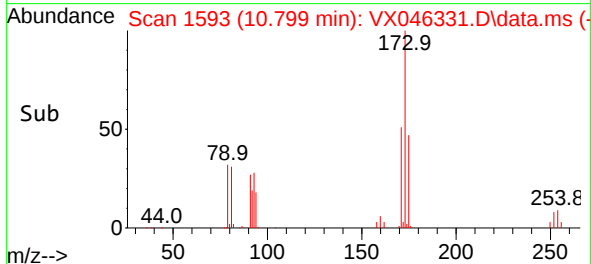
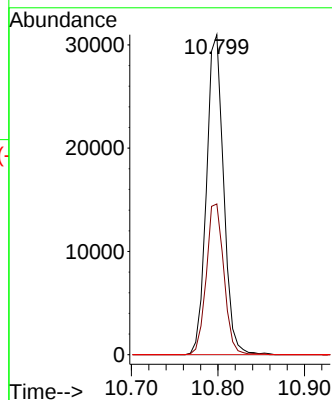
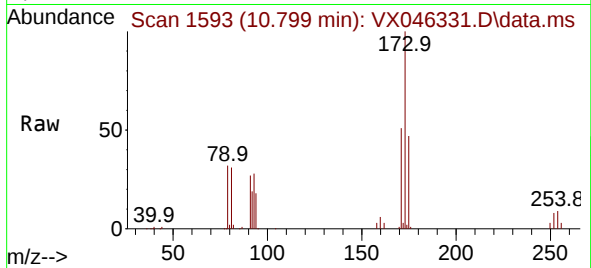




#71  
Bromoform  
Concen: 55.224 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

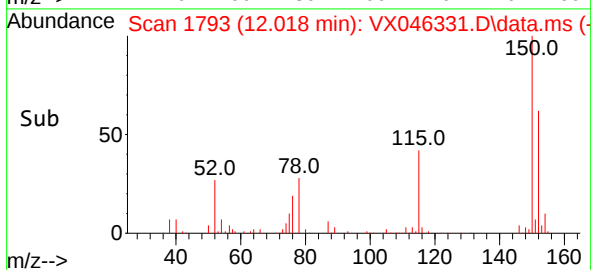
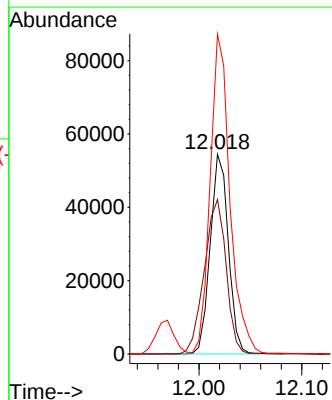
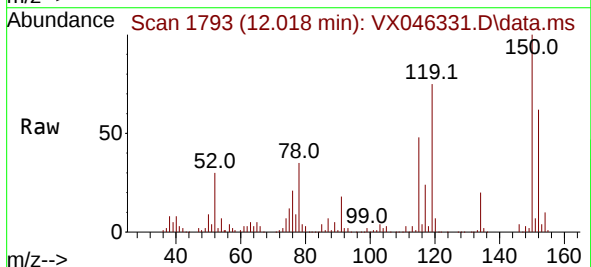
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

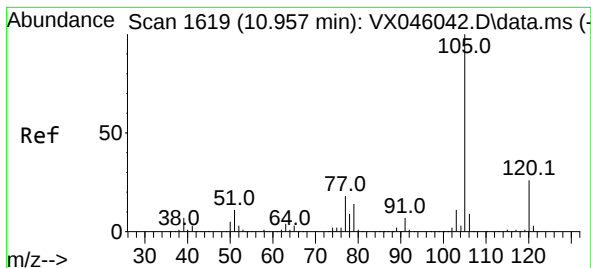
Tgt Ion:173 Resp: 42491  
Ion Ratio Lower Upper  
173 100  
175 48.6 23.4 70.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion:152 Resp: 66629  
Ion Ratio Lower Upper  
152 100  
115 93.5 46.9 140.7  
150 175.2 0.0 351.0





#73

Isopropylbenzene

Concen: 51.196 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

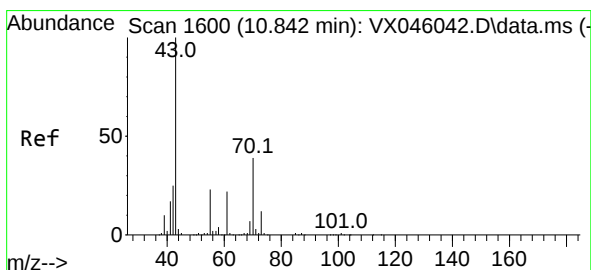
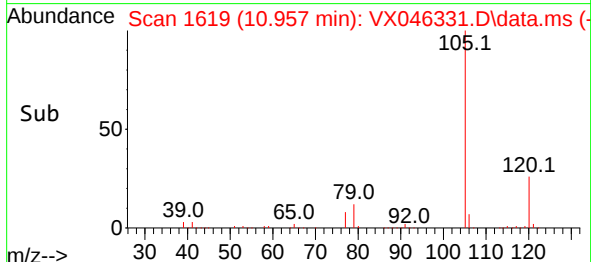
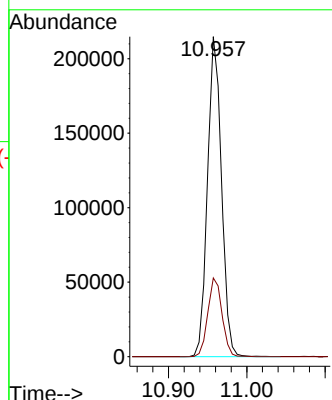
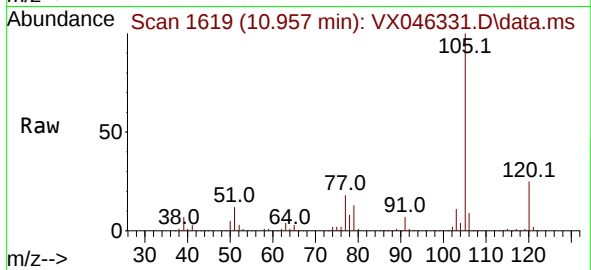
VSTDCCC050

Tgt Ion:105 Resp: 265569

Ion Ratio Lower Upper

105 100

120 25.0 12.8 38.4



#74

N-ethyl acetate

Concen: 54.091 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Tgt Ion: 43 Resp: 138648

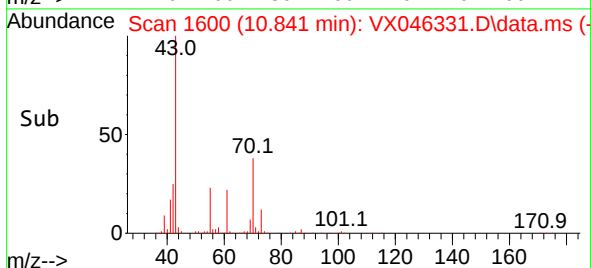
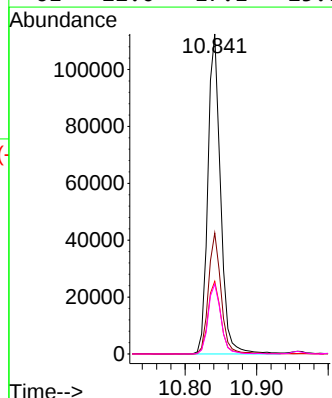
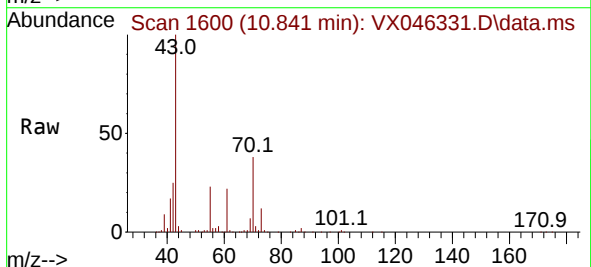
Ion Ratio Lower Upper

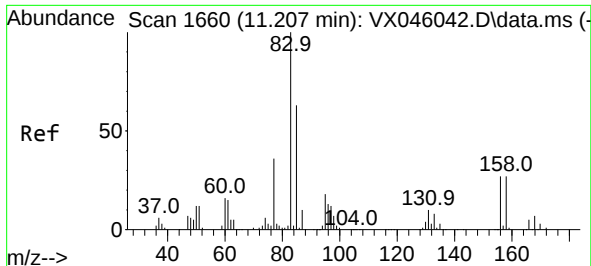
43 100

70 37.7 30.9 46.3

55 23.4 18.7 28.1

61 22.0 17.1 25.7

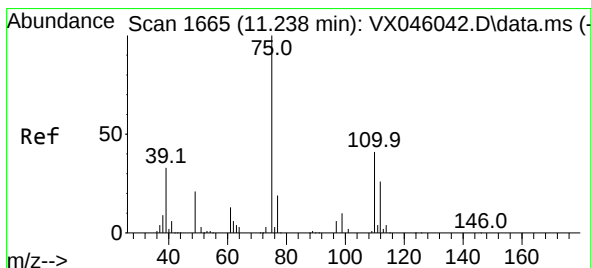
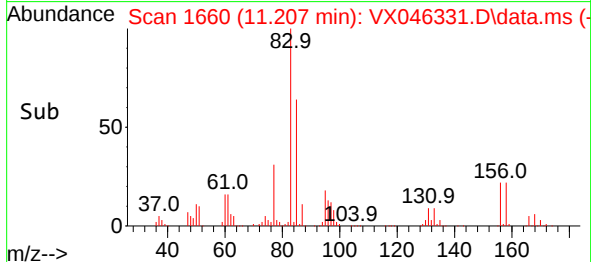
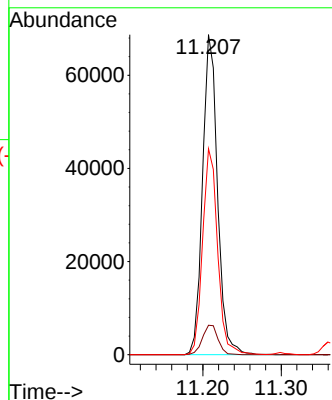
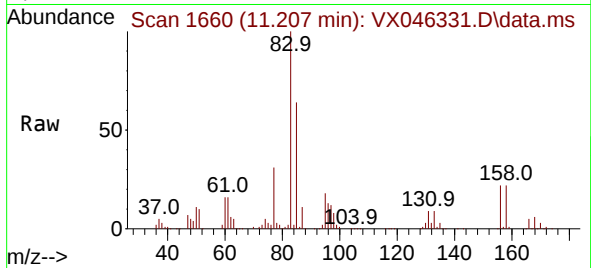




#75  
1,1,2-Tetrachloroethane  
Concen: 50.066 ug/l  
RT: 11.207 min Scan# 1660  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

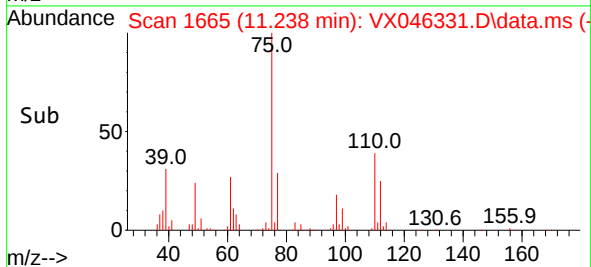
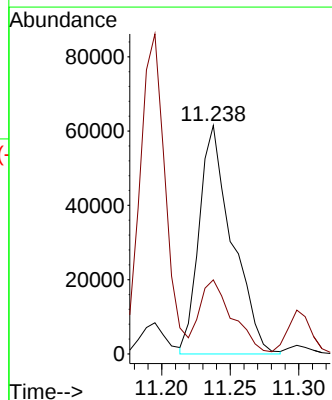
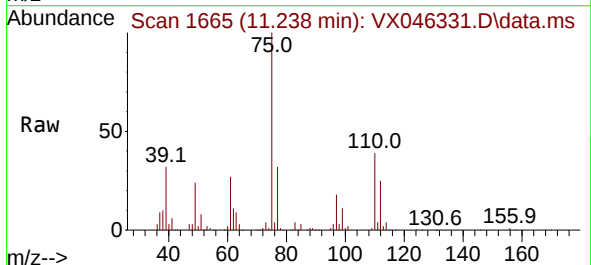
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

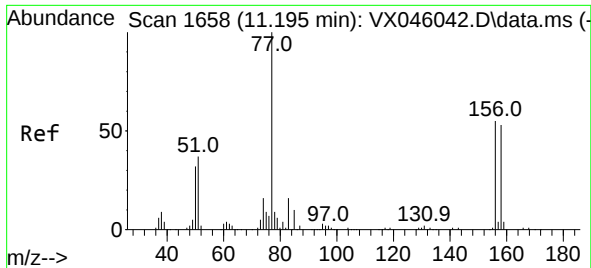
Tgt Ion: 83 Resp: 91010  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.0 14.9  
85 64.5 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 64.234 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 75 Resp: 103018  
Ion Ratio Lower Upper  
75 100  
77 32.4 20.5 61.5

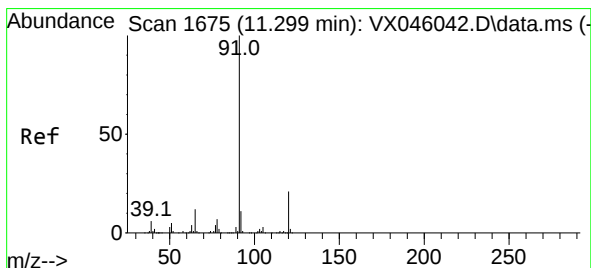
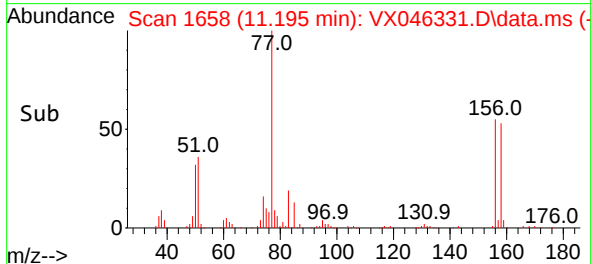
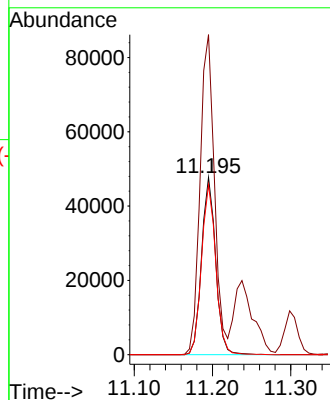
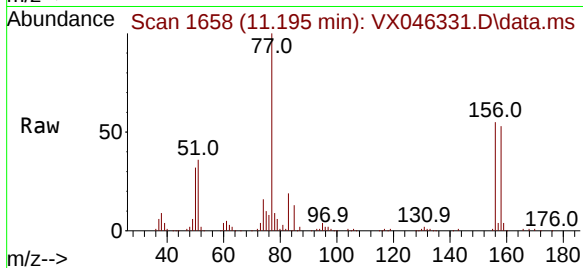




#77  
Bromobenzene  
Concen: 49.441 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

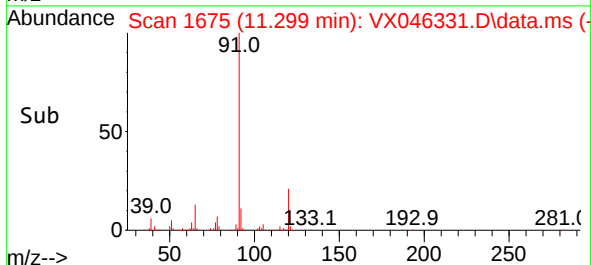
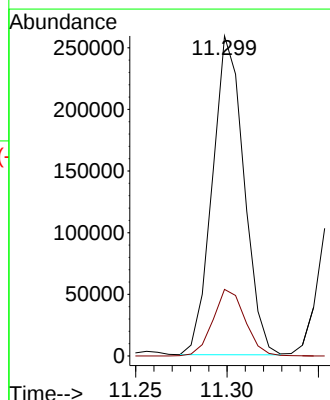
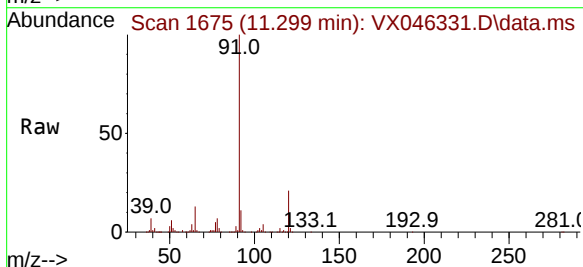
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:156 Resp: 59541  
Ion Ratio Lower Upper  
156 100  
77 185.1 92.8 278.3  
158 97.2 48.8 146.3



#78  
n-propylbenzene  
Concen: 51.673 ug/l  
RT: 11.299 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 91 Resp: 311660  
Ion Ratio Lower Upper  
91 100  
120 21.2 10.8 32.4





#79

2-Chlorotoluene

Concen: 49.128 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

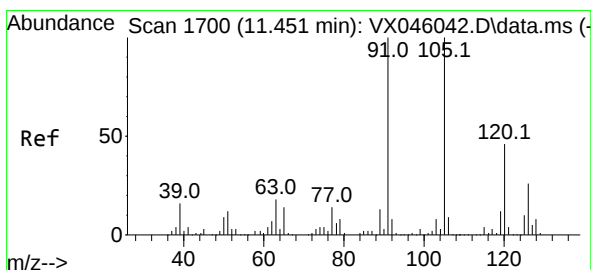
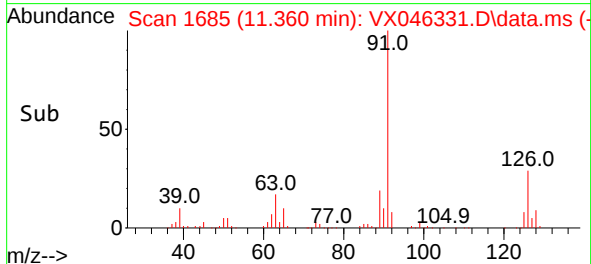
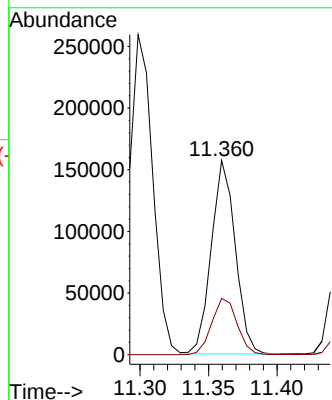
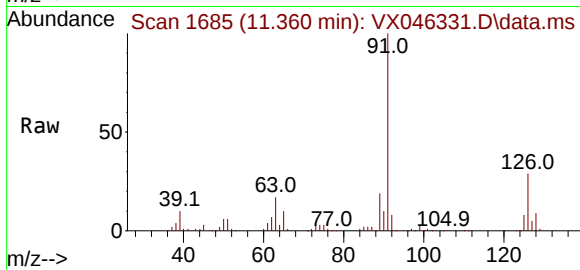
VSTDCCC050

Tgt Ion: 91 Resp: 191122

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 51.877 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046331.D

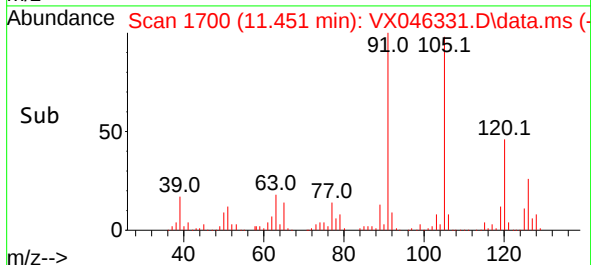
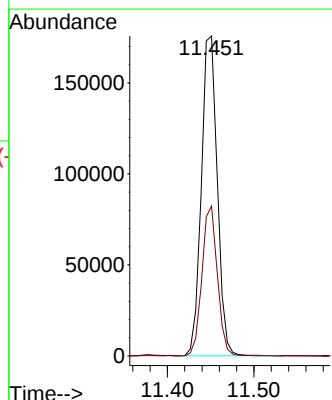
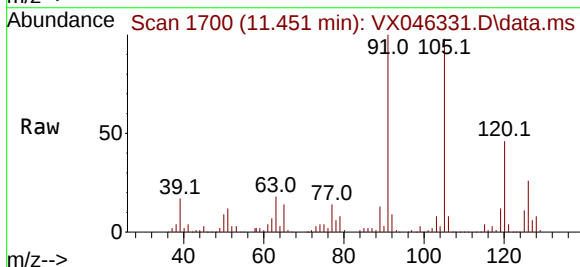
Acq: 23 May 2025 09:24

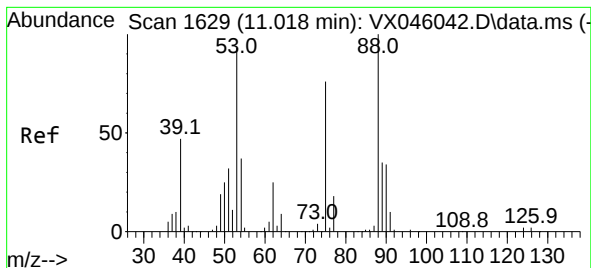
Tgt Ion:105 Resp: 224812

Ion Ratio Lower Upper

105 100

120 45.4 23.1 69.2

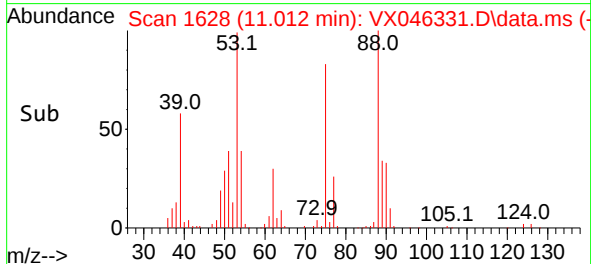
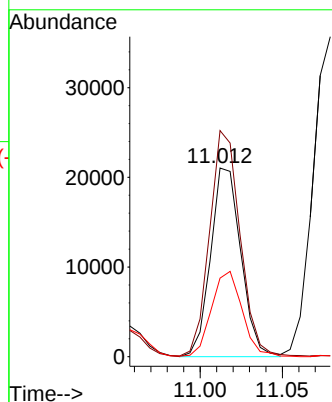
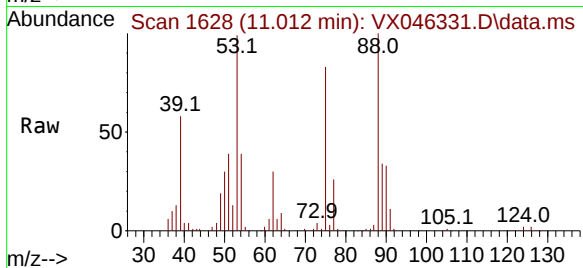




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.814 ug/l  
RT: 11.012 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

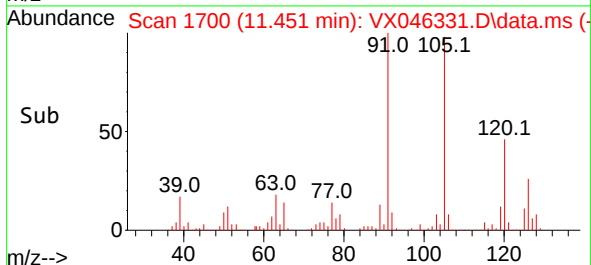
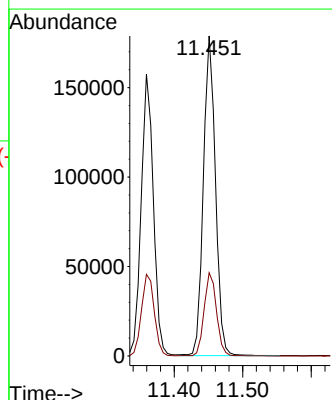
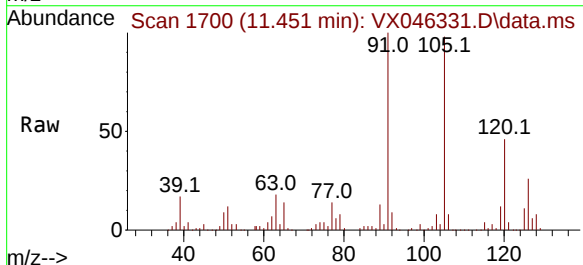
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

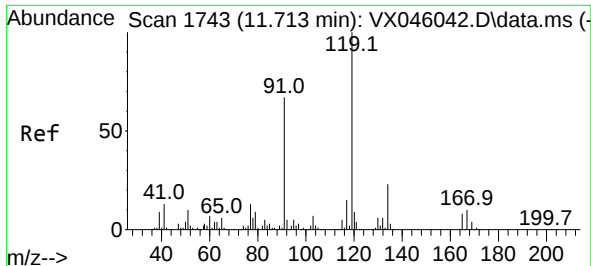
Tgt Ion: 75 Resp: 27002  
Ion Ratio Lower Upper  
75 100  
53 121.3 100.5 150.7  
89 45.7 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 50.910 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 91 Resp: 219638  
Ion Ratio Lower Upper  
91 100  
126 26.8 13.3 39.8

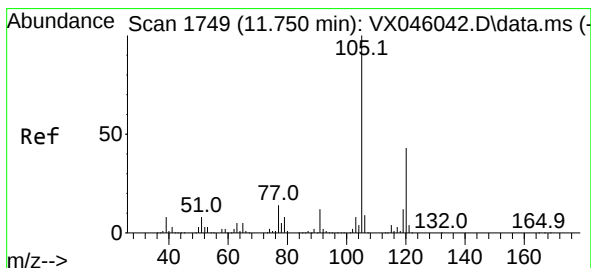
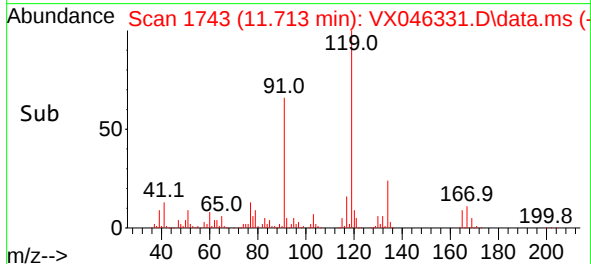
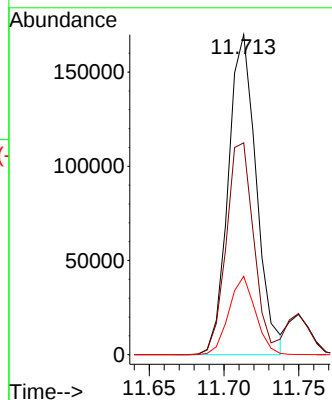
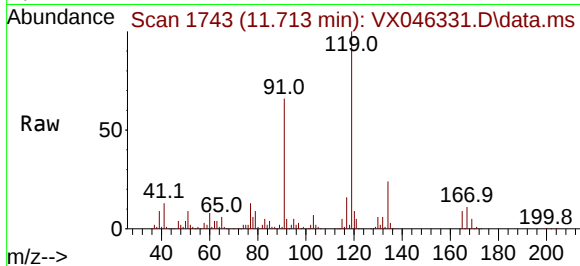




#83  
 tert-Butylbenzene  
 Concen: 50.888 ug/l  
 RT: 11.713 min Scan# 1743  
 Delta R.T. -0.000 min  
 Lab File: VX046331.D  
 Acq: 23 May 2025 09:24

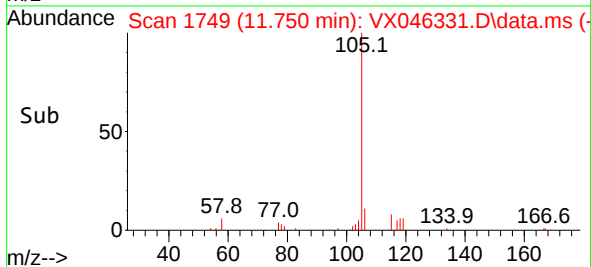
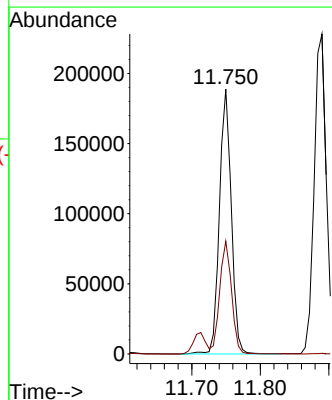
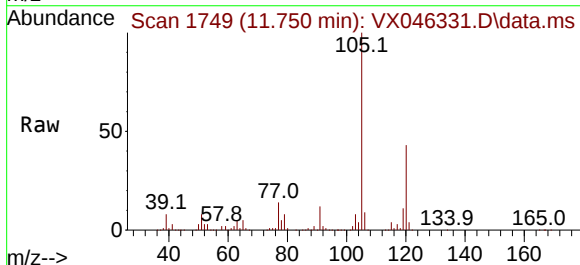
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

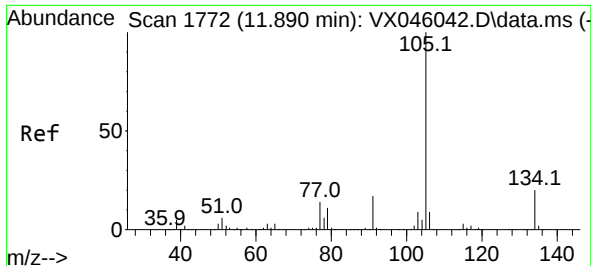
Tgt Ion:119 Resp: 222135  
 Ion Ratio Lower Upper  
 119 100  
 91 64.6 32.9 98.7  
 134 23.1 11.4 34.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.438 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. -0.000 min  
 Lab File: VX046331.D  
 Acq: 23 May 2025 09:24

Tgt Ion:105 Resp: 225740  
 Ion Ratio Lower Upper  
 105 100  
 120 42.4 21.2 63.6

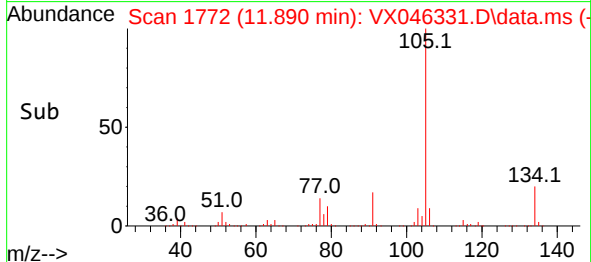
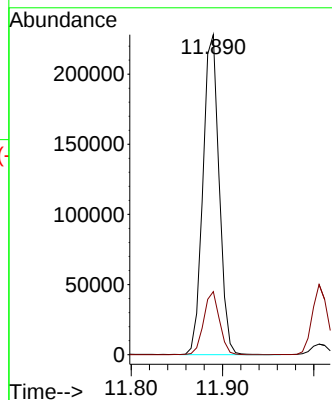
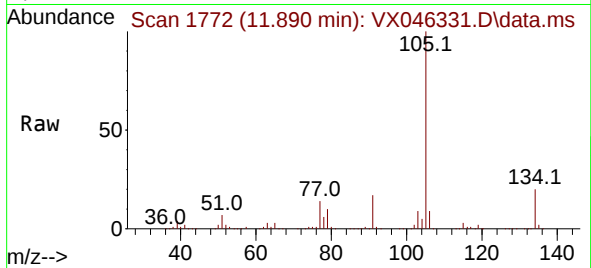




#85  
 sec-Butylbenzene  
 Concen: 52.265 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX046331.D  
 Acq: 23 May 2025 09:24

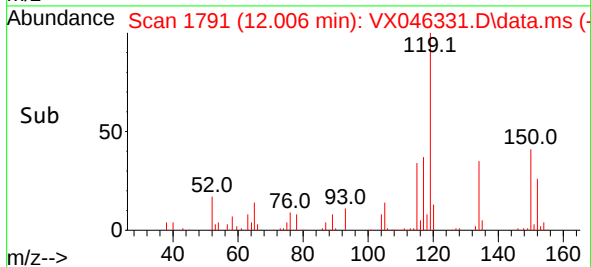
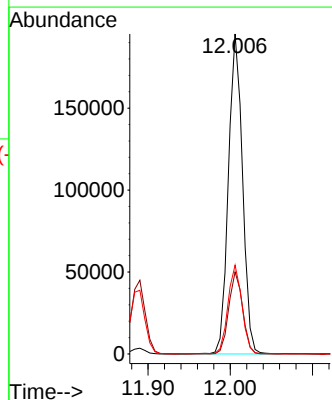
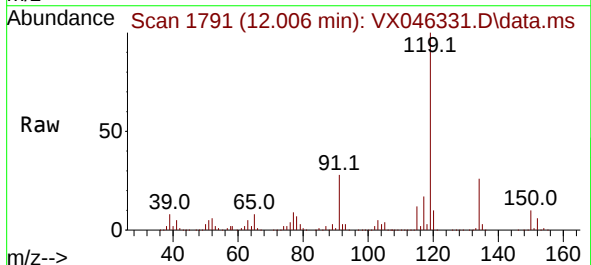
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:105 Resp: 280123  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 52.479 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX046331.D  
 Acq: 23 May 2025 09:24

Tgt Ion:119 Resp: 232168  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.5 37.5  
 91 27.5 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 50.025 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

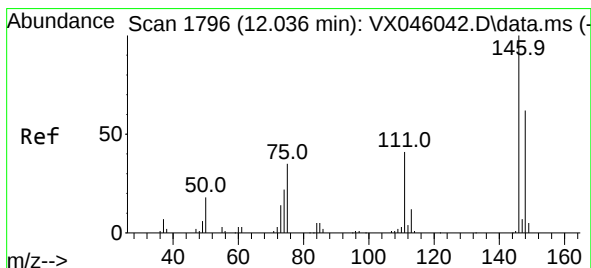
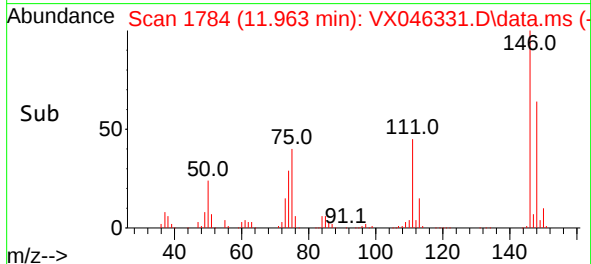
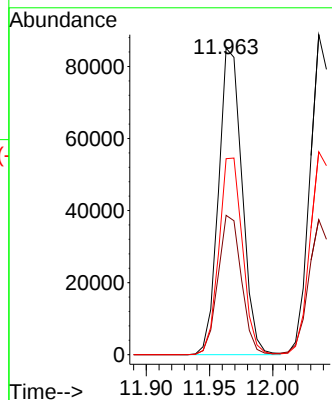
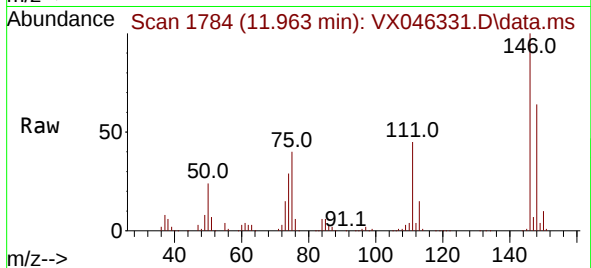
Tgt Ion:146 Resp: 109948

Ion Ratio Lower Upper

146 100

111 45.2 22.1 66.3

148 64.2 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 49.641 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

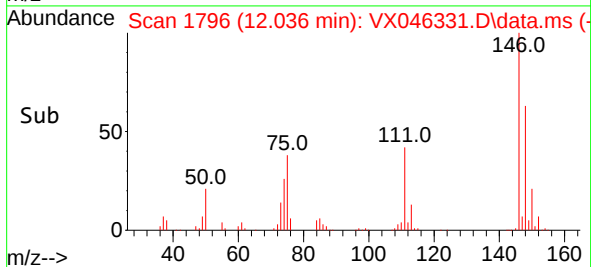
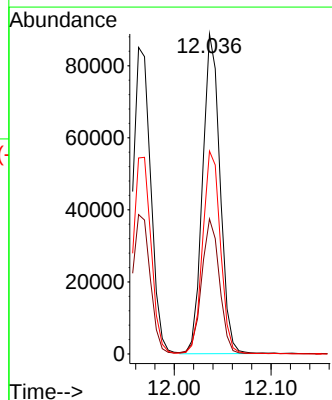
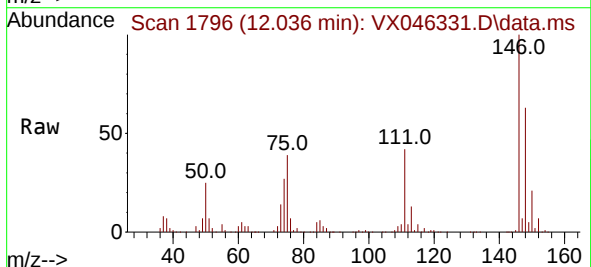
Tgt Ion:146 Resp: 111425

Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

148 64.9 31.9 95.5

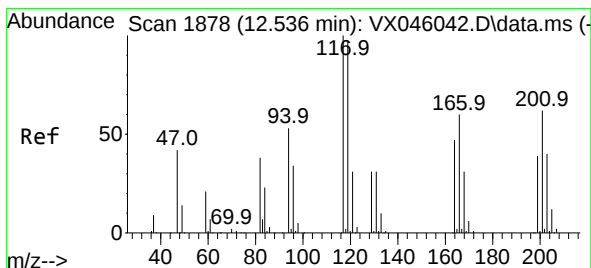
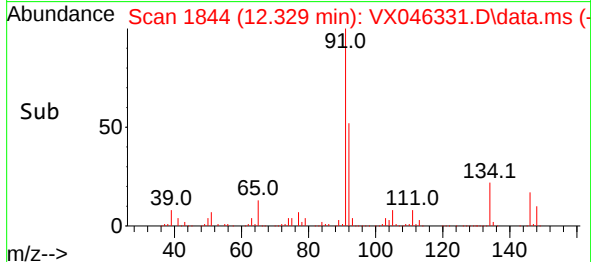
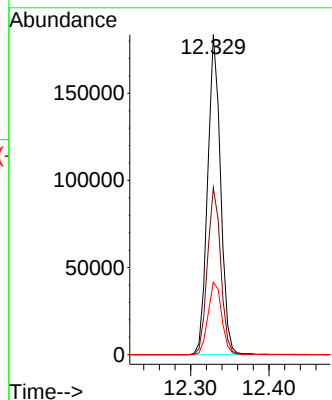
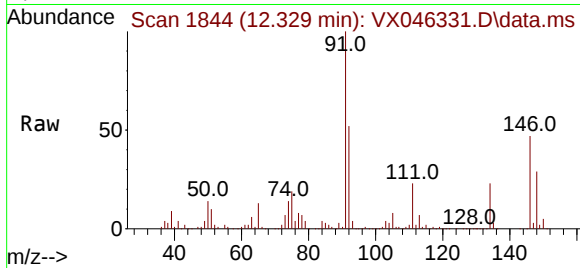




#89  
n-Butylbenzene  
Concen: 54.179 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

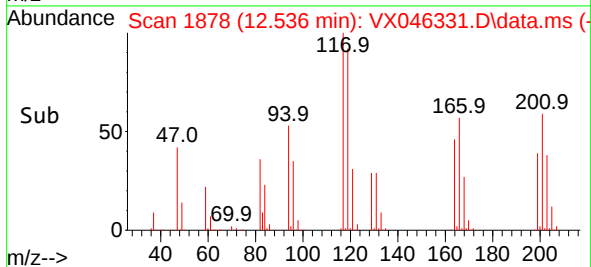
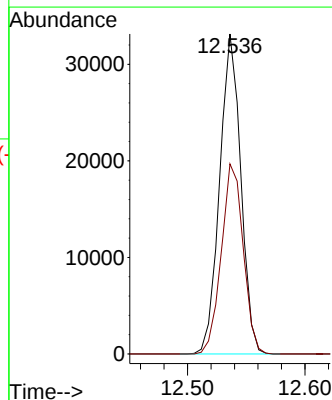
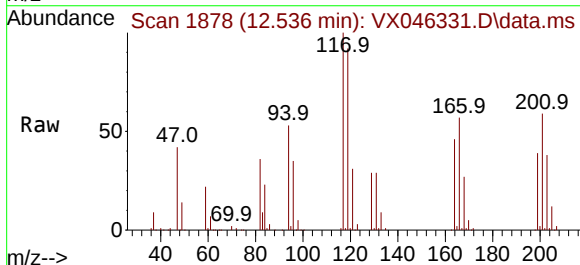
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 210250  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.9 80.7  
134 23.9 11.8 35.3



#90  
Hexachloroethane  
Concen: 53.122 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 117 Resp: 41404  
Ion Ratio Lower Upper  
117 100  
201 61.6 31.6 94.7

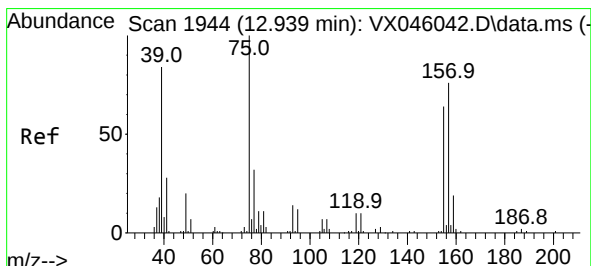
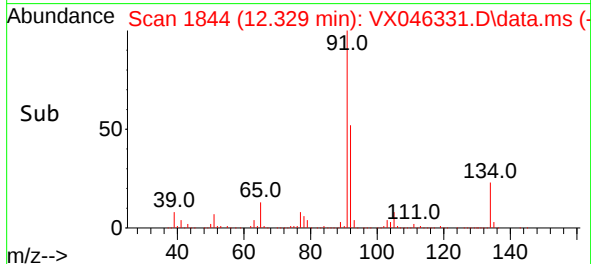
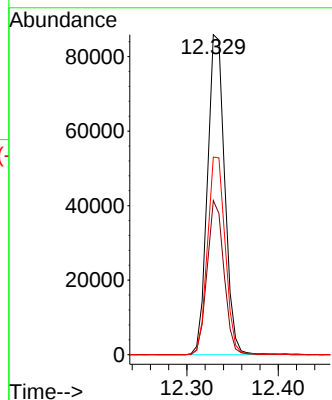
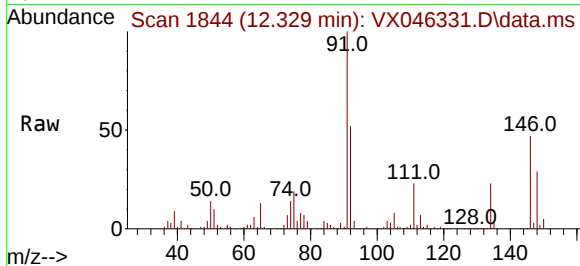




#91  
1,2-Dichlorobenzene  
Concen: 51.002 ug/l  
RT: 12.329 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

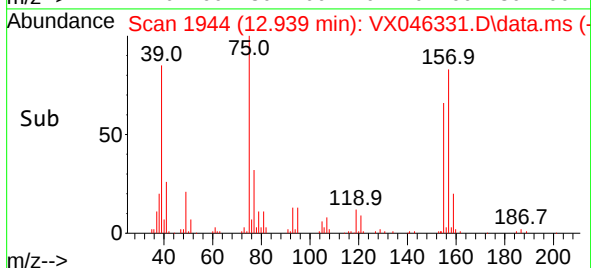
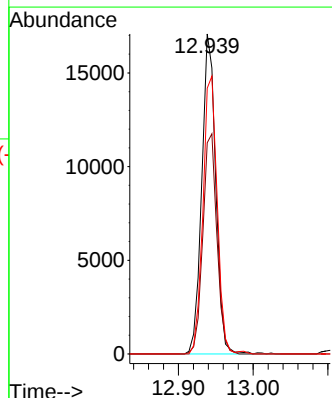
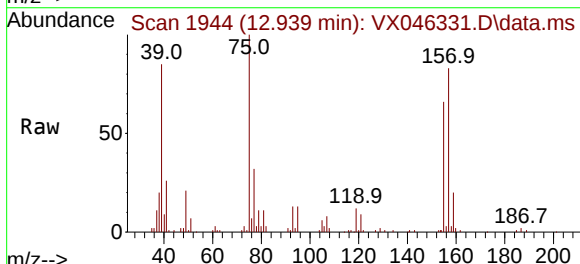
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 112487  
Ion Ratio Lower Upper  
146 100  
111 46.8 22.4 67.3  
148 63.4 31.6 94.8



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.085 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX046331.D  
Acq: 23 May 2025 09:24

Tgt Ion: 75 Resp: 22183  
Ion Ratio Lower Upper  
75 100  
155 69.3 34.9 104.8  
157 88.3 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 52.307 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

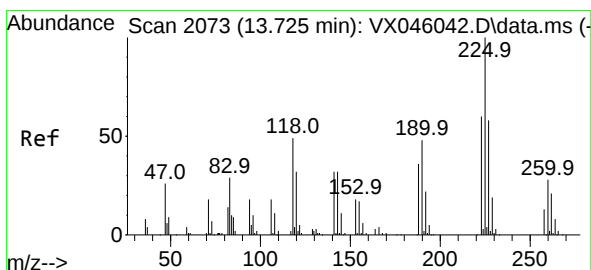
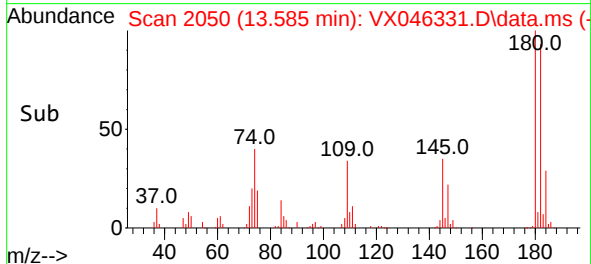
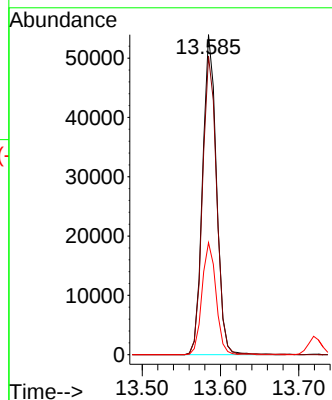
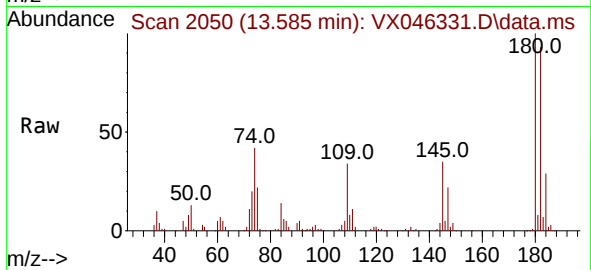
Tgt Ion:180 Resp: 66261

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 35.3 17.1 51.2



#94

Hexachlorobutadiene

Concen: 53.637 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

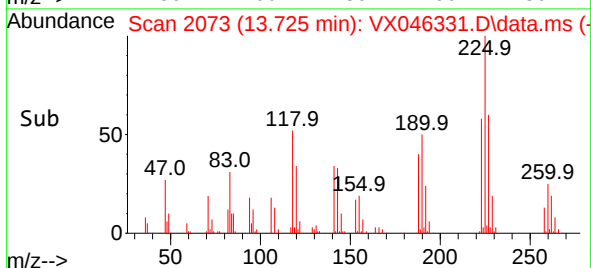
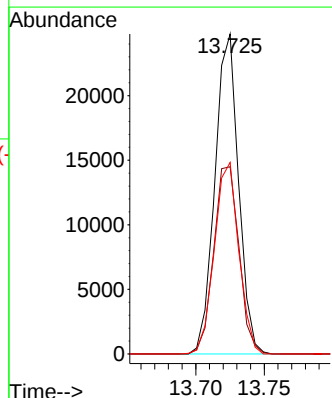
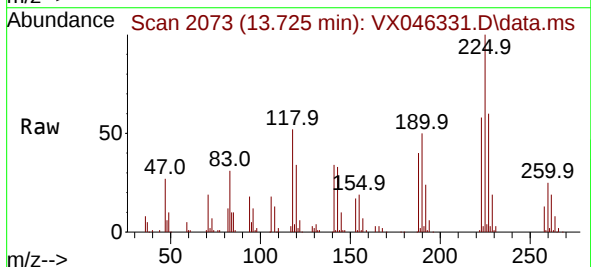
Tgt Ion:225 Resp: 29675

Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.4

227 61.8 30.9 92.7





#95

Naphthalene

Concen: 52.127 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

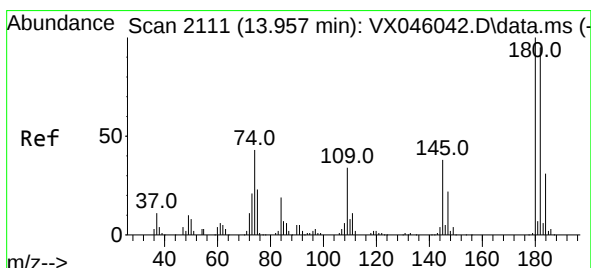
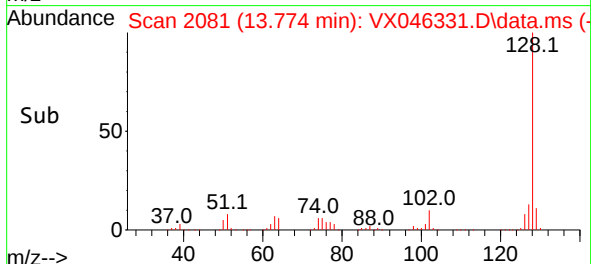
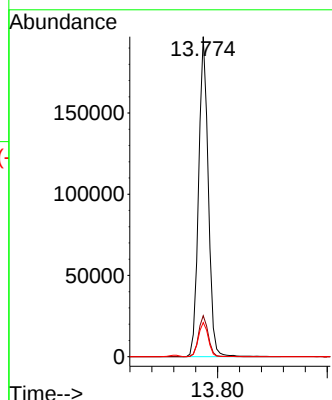
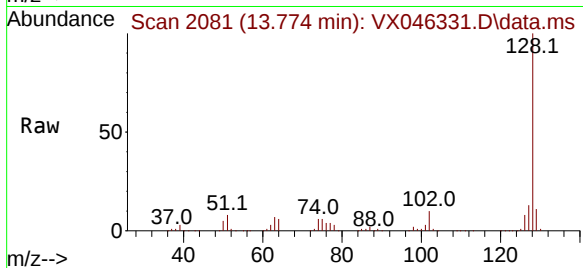
Tgt Ion:128 Resp: 242188

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.275 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Tgt Ion:180 Resp: 67021

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

145 35.5 18.1 54.3

