

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021425\  
 Data File : VX044951.D  
 Acq On : 14 Feb 2025 11:14  
 Operator : JC/MD  
 Sample : VX0214WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Feb 14 22:11:57 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 109167   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 195743   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 172020   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 79806    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 81048    | 50.718   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 101.440% |      |
| 35) Dibromofluoromethane    | 5.379  | 113   | 65054    | 51.117   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.240% |      |
| 50) Toluene-d8              | 8.647  | 98    | 239351   | 49.736   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 99.480%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 83506    | 51.472   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 102.940% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 30493  | 19.916  | ug/l   | 96  |
| 3) Chloromethane             | 1.300 | 50  | 35876  | 19.252  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.374 | 62  | 32947  | 18.250  | ug/l   | 99  |
| 5) Bromomethane              | 1.593 | 94  | 12665  | 23.444  | ug/l   | 95  |
| 6) Chloroethane              | 1.672 | 64  | 18270  | 24.073  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 1.880 | 101 | 46110  | 20.197  | ug/l   | 96  |
| 8) Diethyl Ether             | 2.130 | 74  | 16287  | 19.671  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 27143  | 19.677  | ug/l   | 98  |
| 10) Methyl Iodide            | 2.447 | 142 | 35949  | 20.109  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 2.971 | 59  | 29984  | 101.141 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 2.312 | 96  | 26636  | 18.930  | ug/l   | 97  |
| 13) Acrolein                 | 2.233 | 56  | 32589  | 106.546 | ug/l   | 98  |
| 14) Allyl chloride           | 2.660 | 41  | 48808  | 19.193  | ug/l   | 97  |
| 15) Acrylonitrile            | 3.062 | 53  | 83287  | 105.222 | ug/l   | 100 |
| 16) Acetone                  | 2.380 | 43  | 69215  | 107.742 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.508 | 76  | 65690  | 17.025  | ug/l   | 97  |
| 18) Methyl Acetate           | 2.703 | 43  | 43622  | 21.518  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 88083  | 19.675  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.782 | 84  | 30381  | 19.308  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 25933  | 18.726  | ug/l   | 92  |
| 22) Diisopropyl ether        | 3.757 | 45  | 97720  | 20.312  | ug/l   | 92  |
| 23) Vinyl Acetate            | 3.715 | 43  | 389140 | 99.216  | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 53879  | 20.015  | ug/l   | 99  |
| 25) 2-Butanone               | 4.550 | 43  | 111260 | 106.657 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 4.464 | 77  | 40129  | 18.798  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 32961  | 19.815  | ug/l   | 98  |
| 28) Bromochloromethane       | 4.897 | 49  | 23212  | 17.943  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 5.001 | 42  | 72346  | 104.443 | ug/l   | 99  |
| 30) Chloroform               | 5.086 | 83  | 53725  | 20.580  | ug/l   | 98  |
| 31) Cyclohexane              | 5.464 | 56  | 46821  | 18.867  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 5.373 | 97  | 43492  | 19.641  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 35991  | 19.602  | ug/l   | 100 |
| 37) Ethyl Acetate            | 4.714 | 43  | 41720  | 20.428  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 36299  | 20.174  | ug/l   | 96  |
| 39) Methylcyclohexane        | 7.372 | 83  | 46927  | 19.769  | ug/l   | 98  |
| 40) Benzene                  | 6.031 | 78  | 114429 | 19.958  | ug/l   | 100 |

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 Sample : VX0214WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Feb 14 22:11:57 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 23705    | 21.685  | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 39785    | 21.773  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 67687    | 20.524  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 25978    | 19.823  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 28734    | 20.145  | ug/l   | 96       |
| 46) Dibromomethane            | 7.580  | 93   | 20163    | 20.383  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 40024    | 20.896  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.690  | 41   | 32249    | 20.739  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 14784    | 443.128 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 225966   | 112.703 | ug/l   | 97       |
| 52) Toluene                   | 8.714  | 92   | 69748    | 20.427  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 37169    | 19.176  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 43416    | 20.090  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 27886    | 21.245  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 42444    | 20.021  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 47815    | 20.820  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 107373   | 103.151 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 166655   | 115.365 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.518  | 129  | 29087    | 20.721  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 28155    | 21.163  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.268  | 164  | 22728    | 20.951  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 74635    | 20.200  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 23206    | 19.514  | ug/l   | 95       |
| 67) Ethyl Benzene             | 10.189 | 91   | 131698   | 20.199  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 98883    | 41.113  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 48694    | 20.177  | ug/l   | 100      |
| 70) Styrene                   | 10.652 | 104  | 81730    | 21.020  | ug/l   | 100      |
| 71) Bromoform                 | 10.799 | 173  | 18416    | 20.750  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.957 | 105  | 124187   | 19.326  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 57217    | 19.677  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 44116    | 19.979  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 46051    | 26.026  | ug/l   | 85       |
| 77) Bromobenzene              | 11.195 | 156  | 29893    | 20.519  | ug/l   | 93       |
| 78) n-propylbenzene           | 11.299 | 91   | 144703   | 19.510  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 88678    | 19.454  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 104223   | 19.987  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 11634    | 16.914  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 99533    | 19.736  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 104653   | 19.838  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 104819   | 20.366  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 131498   | 20.130  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 106908   | 20.351  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 52788    | 19.704  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 53421    | 19.722  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 94562    | 20.347  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 18131    | 18.433  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 54507    | 20.701  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 8250     | 20.471  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 31211    | 19.589  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 12661    | 20.018  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 114238   | 19.835  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 32268    | 20.099  | ug/l   | 99       |

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Sample : VX0214WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

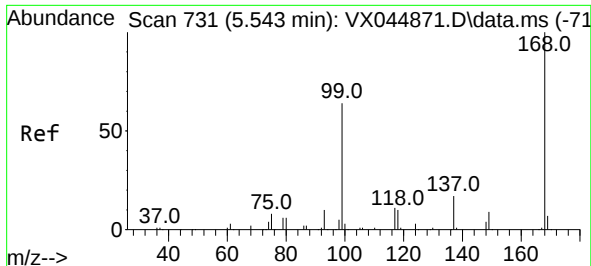
Quant Time: Feb 14 22:11:57 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration

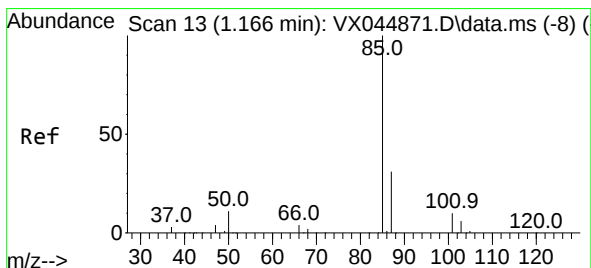
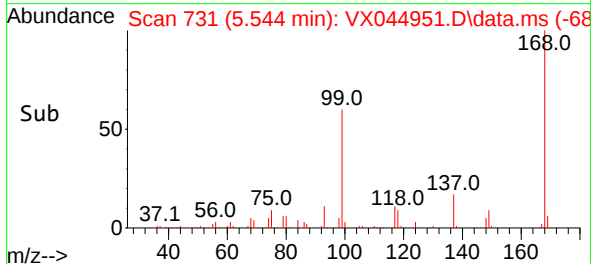
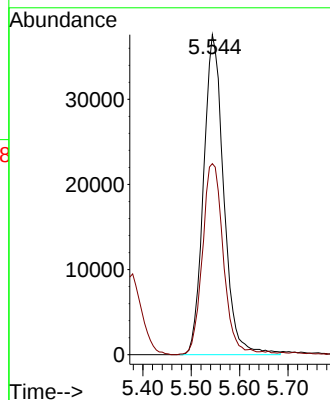
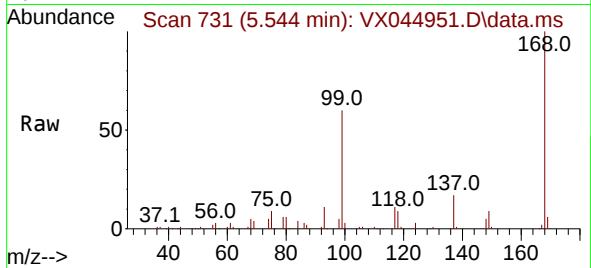




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

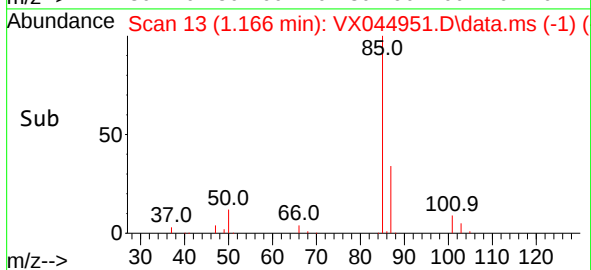
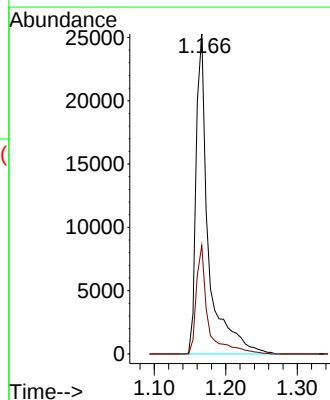
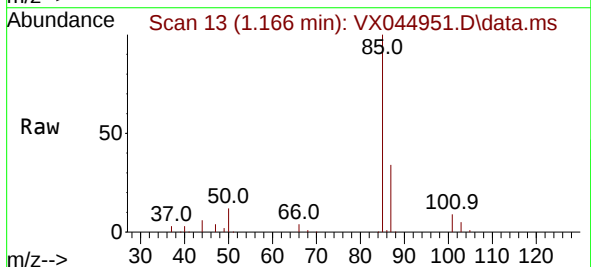
Instrument :  
MSVOA\_X  
ClientSampleId :

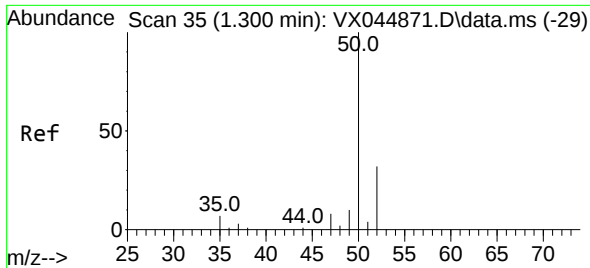
Tgt Ion:168 Resp: 109167  
Ion Ratio Lower Upper  
168 100  
99 59.5 51.2 76.8



#2  
Dichlorodifluoromethane  
Concen: 19.916 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 85 Resp: 30493  
Ion Ratio Lower Upper  
85 100  
87 33.9 15.8 47.3

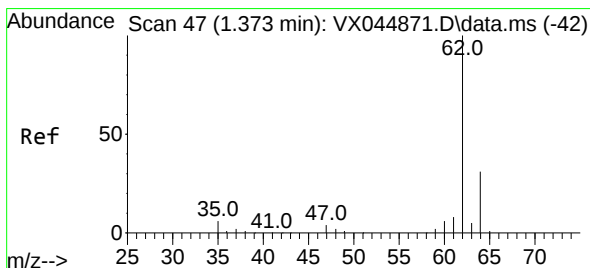
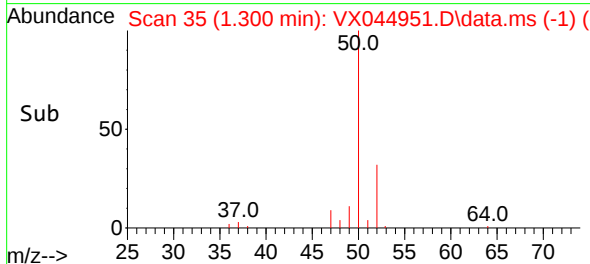
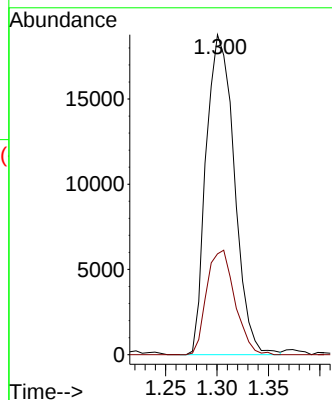
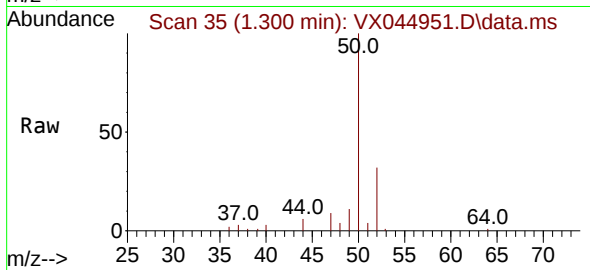




#3  
Chloromethane  
Concen: 19.252 ug/l  
RT: 1.300 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

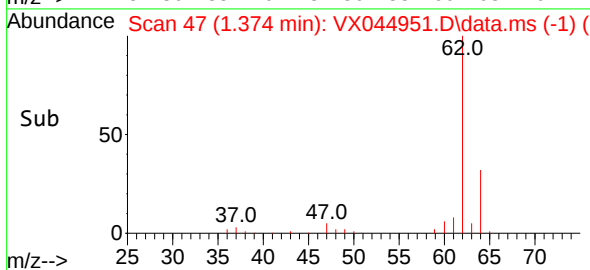
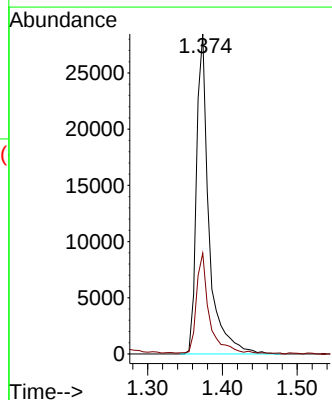
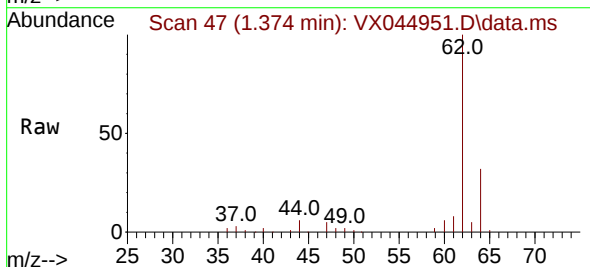
Instrument :  
MSVOA\_X  
ClientSampleId :

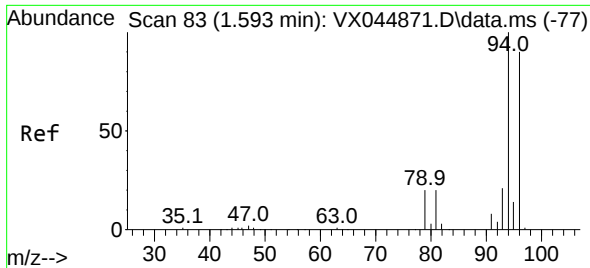
Tgt Ion: 50 Resp: 35876  
Ion Ratio Lower Upper  
50 100  
52 31.5 25.9 38.9



#4  
Vinyl Chloride  
Concen: 18.250 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 62 Resp: 32947  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.4 38.0

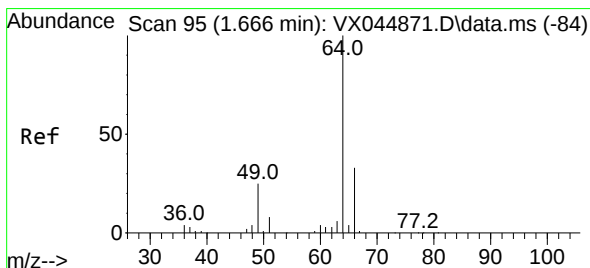
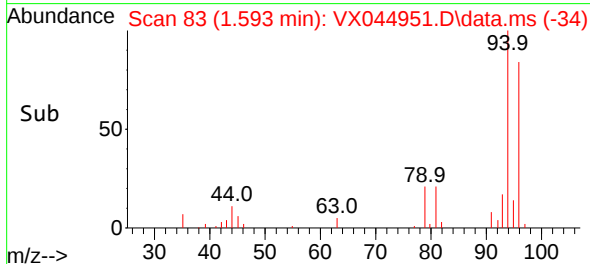
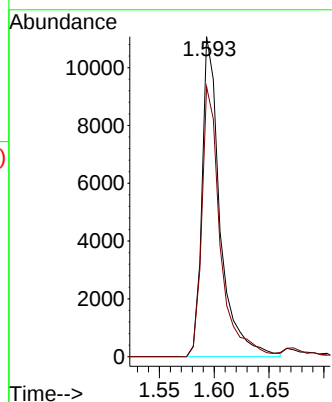
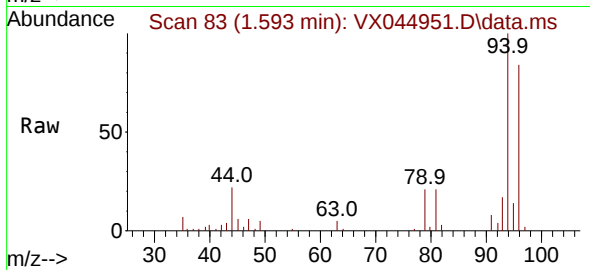




#5  
 Bromomethane  
 Concen: 23.444 ug/l  
 RT: 1.593 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VX044951.D  
 Acq: 14 Feb 2025 11:14

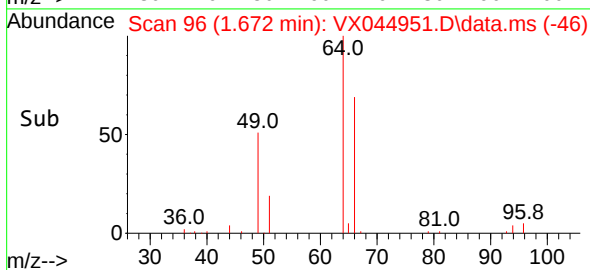
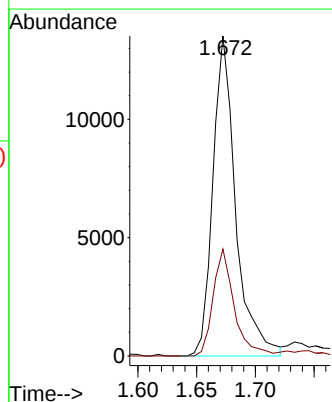
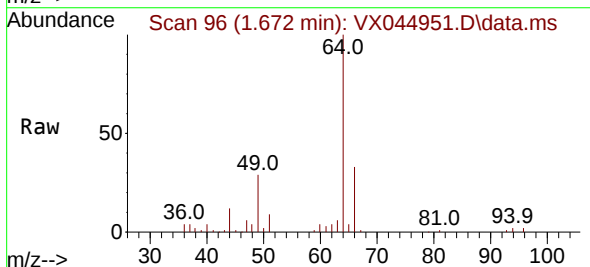
Instrument :  
 MSVOA\_X  
 ClientSampleId :

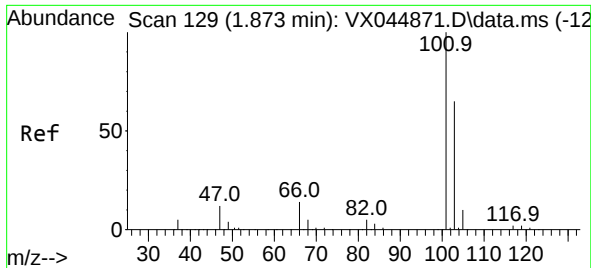
Tgt Ion: 94 Resp: 12665  
 Ion Ratio Lower Upper  
 94 100  
 96 84.3 71.6 107.4



#6  
 Chloroethane  
 Concen: 24.073 ug/l  
 RT: 1.672 min Scan# 96  
 Delta R.T. 0.006 min  
 Lab File: VX044951.D  
 Acq: 14 Feb 2025 11:14

Tgt Ion: 64 Resp: 18270  
 Ion Ratio Lower Upper  
 64 100  
 66 33.4 25.9 38.9

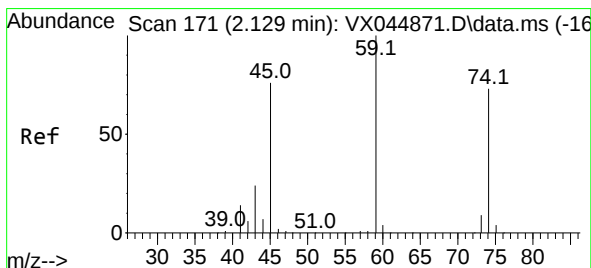
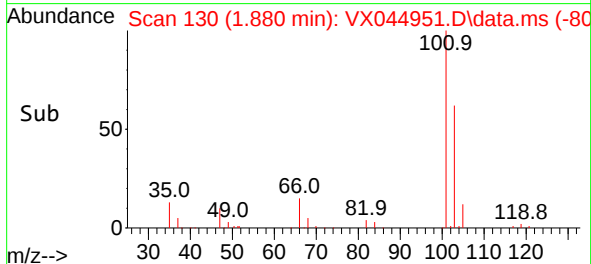
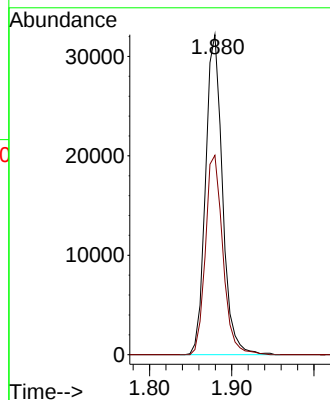
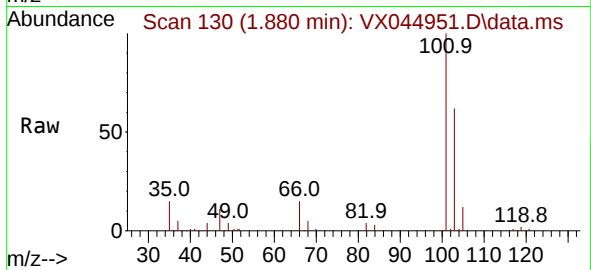




#7  
Trichlorofluoromethane  
Concen: 20.197 ug/l  
RT: 1.880 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

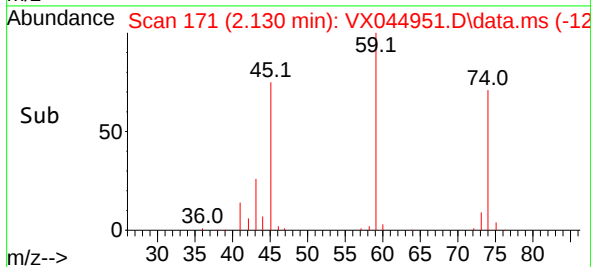
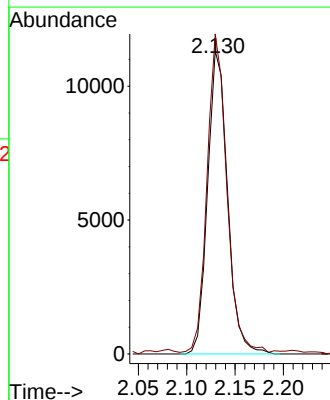
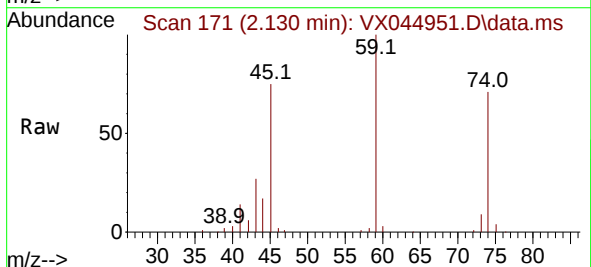
Instrument :  
MSVOA\_X  
ClientSampleId :

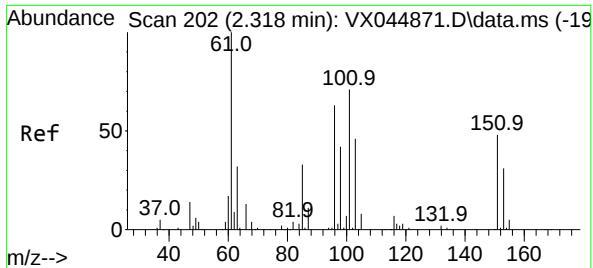
Tgt Ion:101 Resp: 46110  
Ion Ratio Lower Upper  
101 100  
103 62.3 52.4 78.6



#8  
Diethyl Ether  
Concen: 19.671 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. 0.001 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 74 Resp: 16287  
Ion Ratio Lower Upper  
74 100  
45 103.4 51.1 153.4

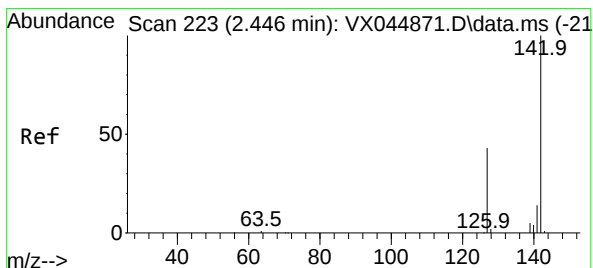
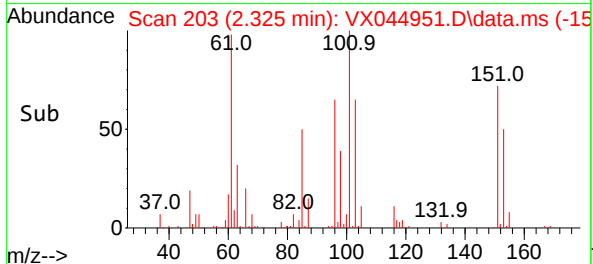
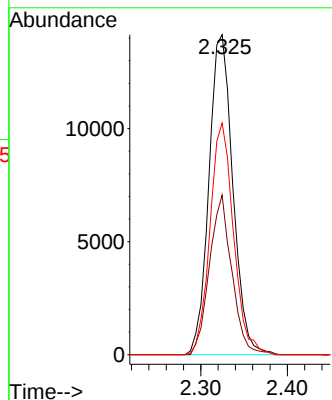
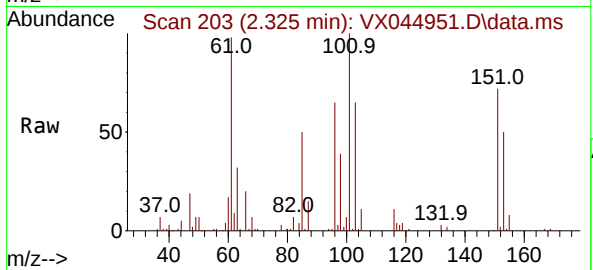




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.677 ug/l  
RT: 2.325 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

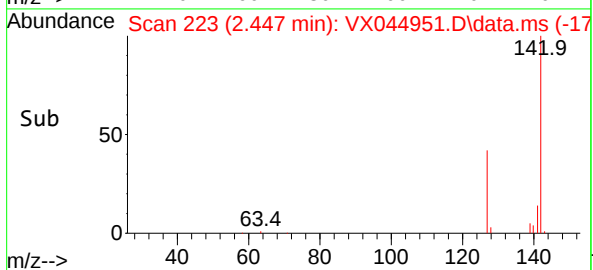
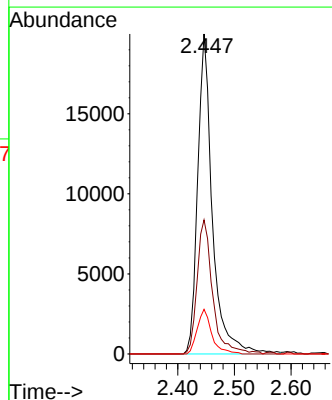
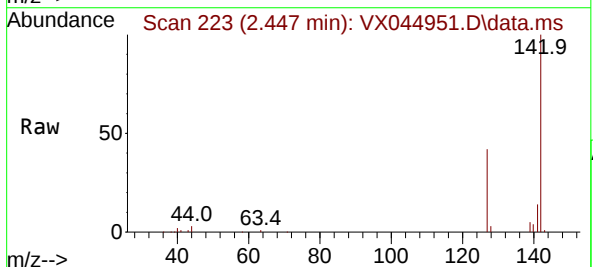
Instrument :  
MSVOA\_X  
ClientSampleId :

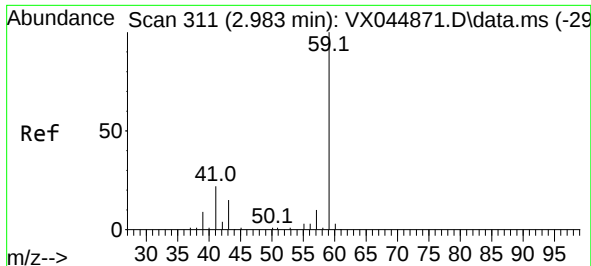
Tgt Ion:101 Resp: 27143  
Ion Ratio Lower Upper  
101 100  
85 46.9 35.7 53.5  
151 71.4 56.0 84.0



#10  
Methyl Iodide  
Concen: 20.109 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion:142 Resp: 35949  
Ion Ratio Lower Upper  
142 100  
127 44.3 34.3 51.5  
141 13.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 101.141 ug/l

RT: 2.971 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

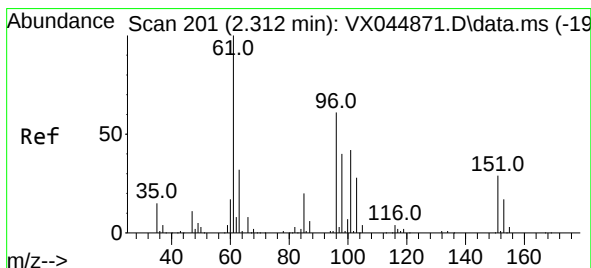
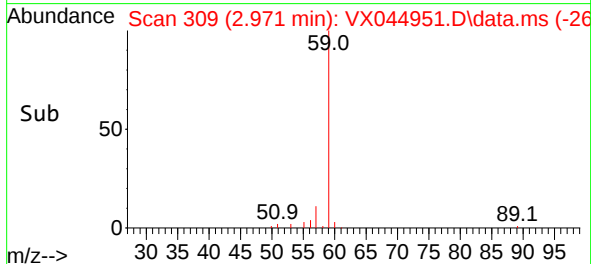
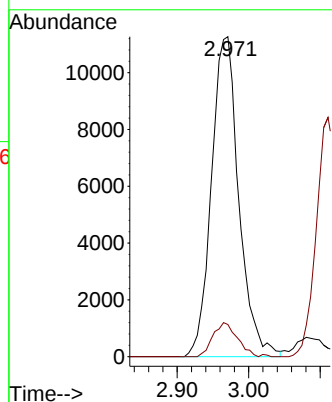
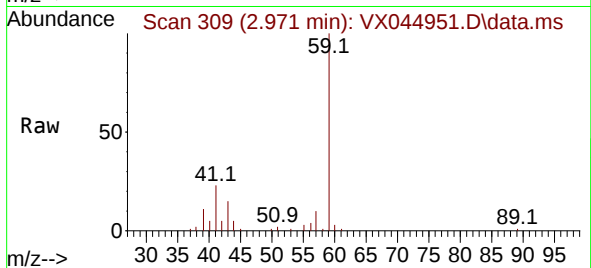
ClientSampleId :

Tgt Ion: 59 Resp: 29984

Ion Ratio Lower Upper

59 100

57 9.4 8.1 12.1



#12

1,1-Dichloroethene

Concen: 18.930 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

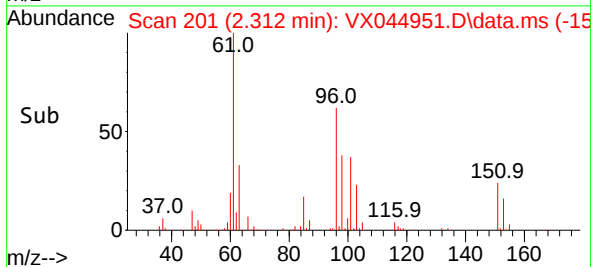
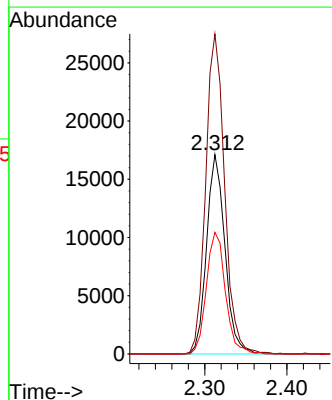
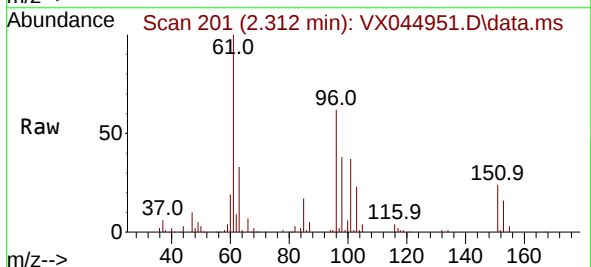
Tgt Ion: 96 Resp: 26636

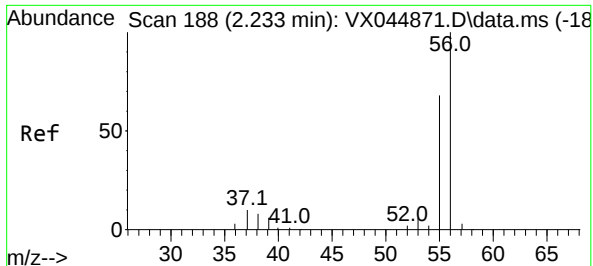
Ion Ratio Lower Upper

96 100

61 160.5 130.2 195.4

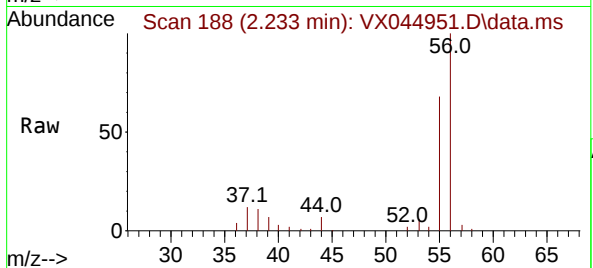
98 61.0 52.2 78.4



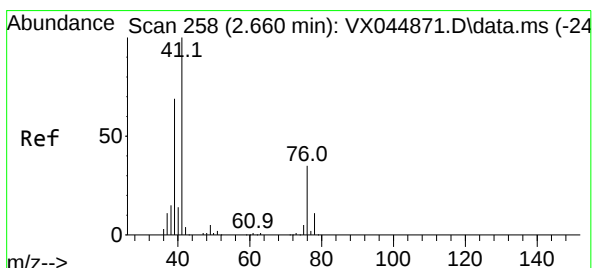
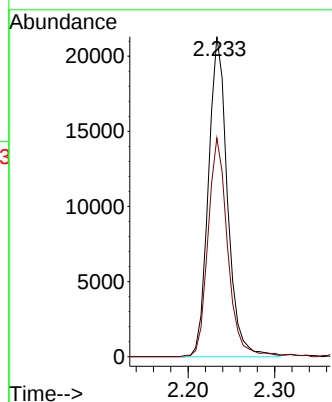
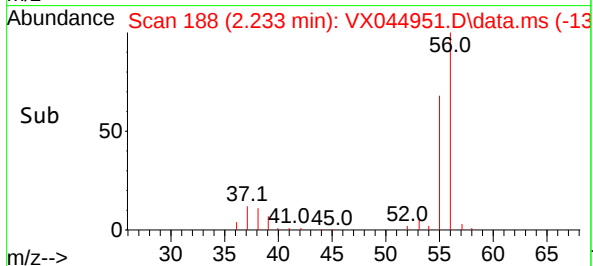


#13  
Acrolein  
Concen: 106.546 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Instrument :  
MSVOA\_X  
ClientSampleId :

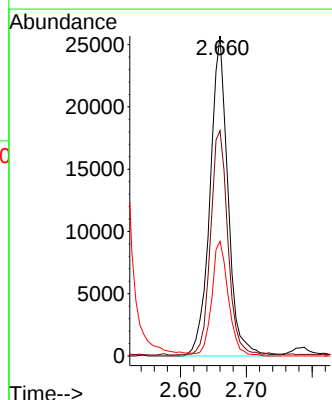
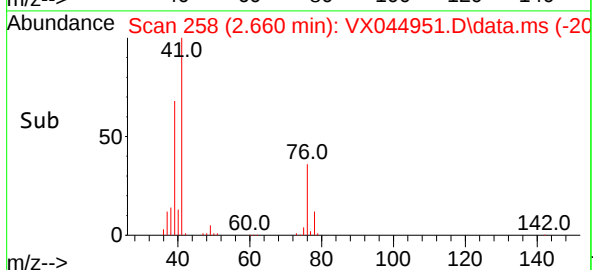
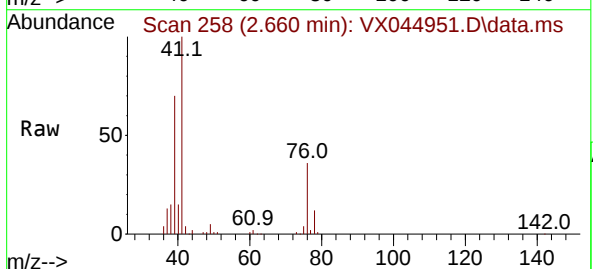


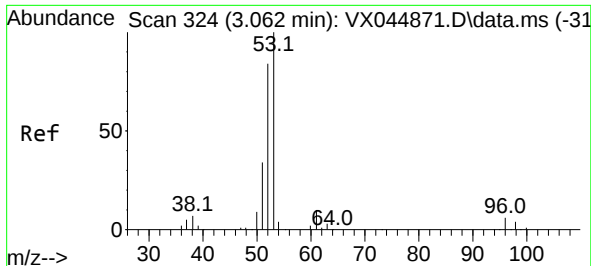
Tgt Ion: 56 Resp: 32589  
Ion Ratio Lower Upper  
56 100  
55 70.9 55.7 83.5



#14  
Allyl chloride  
Concen: 19.193 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

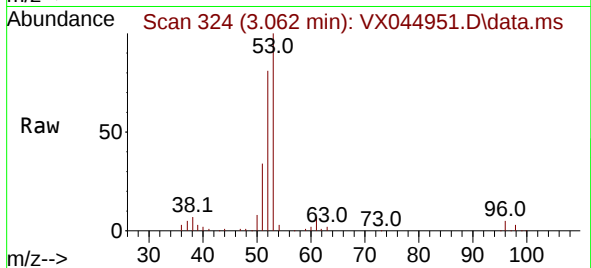
Tgt Ion: 41 Resp: 48808  
Ion Ratio Lower Upper  
41 100  
39 67.1 51.4 77.2  
76 32.9 27.0 40.4



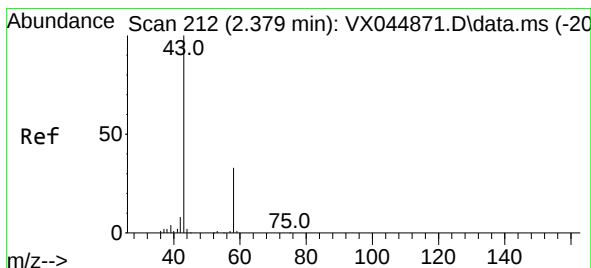
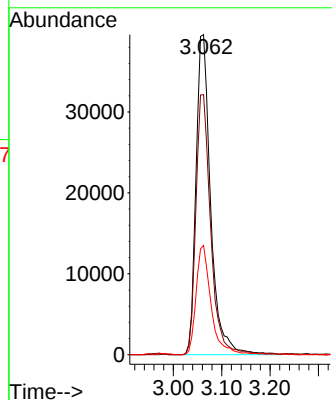
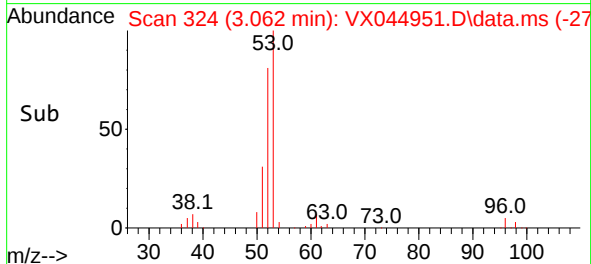


#15  
Acrylonitrile  
Concen: 105.222 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Instrument :  
MSVOA\_X  
ClientSampleId :

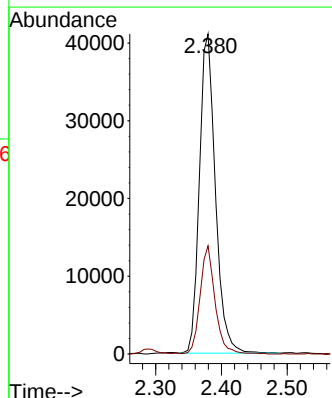
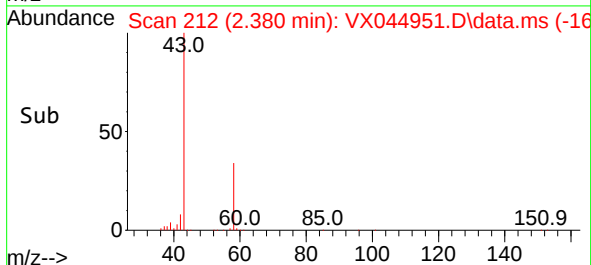
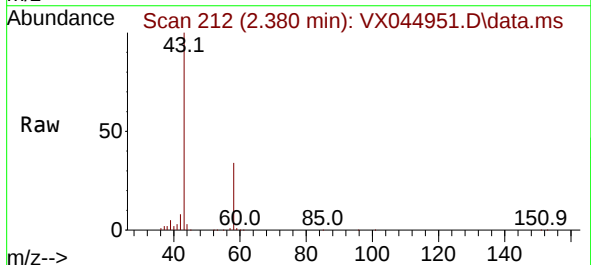


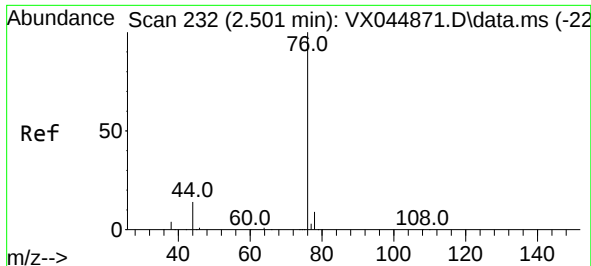
Tgt Ion: 53 Resp: 83287  
Ion Ratio Lower Upper  
53 100  
52 81.7 65.0 97.6  
51 35.1 28.0 42.0



#16  
Acetone  
Concen: 107.742 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 43 Resp: 69215  
Ion Ratio Lower Upper  
43 100  
58 33.9 26.5 39.7

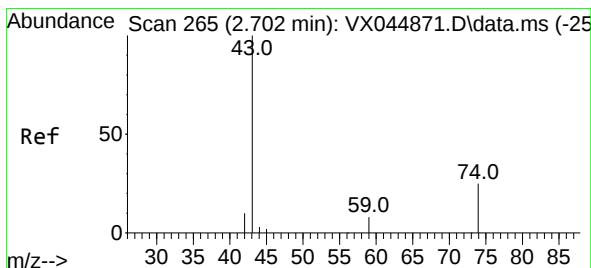
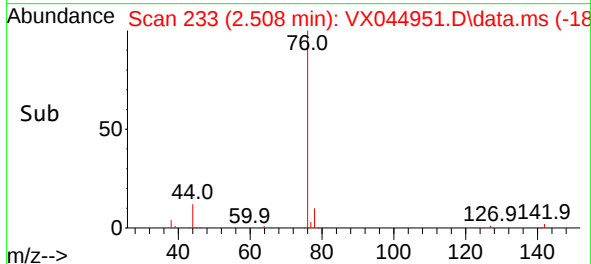
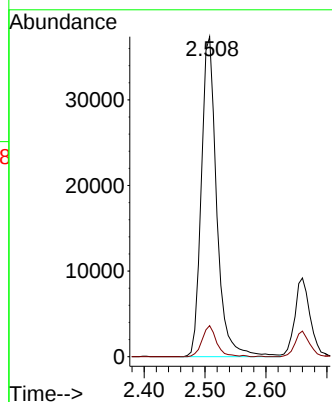
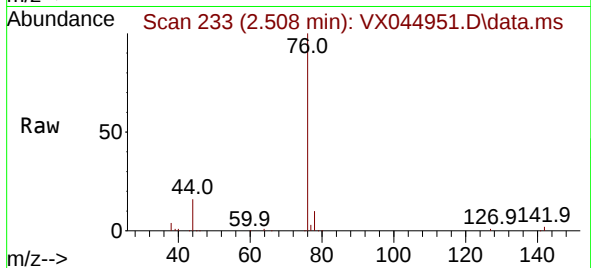




#17  
Carbon Disulfide  
Concen: 17.025 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

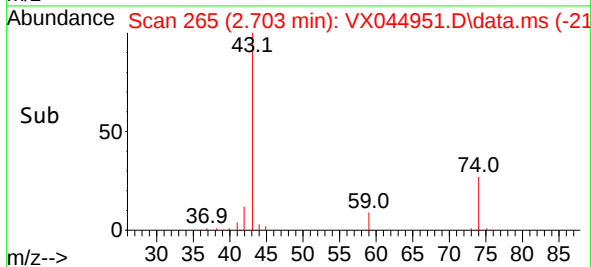
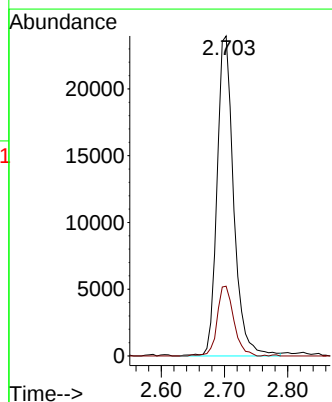
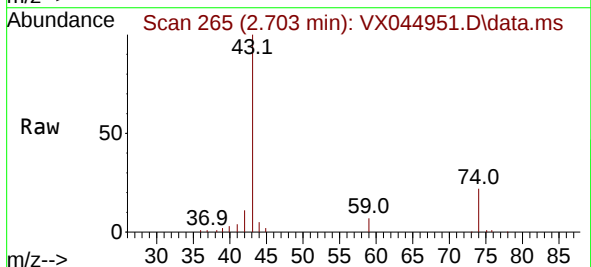
Instrument :  
MSVOA\_X  
ClientSampleId :

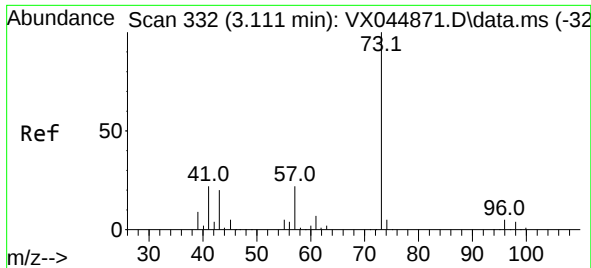
Tgt Ion: 76 Resp: 65690  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.0 10.4



#18  
Methyl Acetate  
Concen: 21.518 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 43 Resp: 43622  
Ion Ratio Lower Upper  
43 100  
74 21.9 18.9 28.3

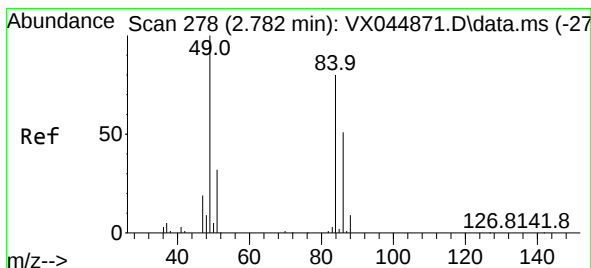
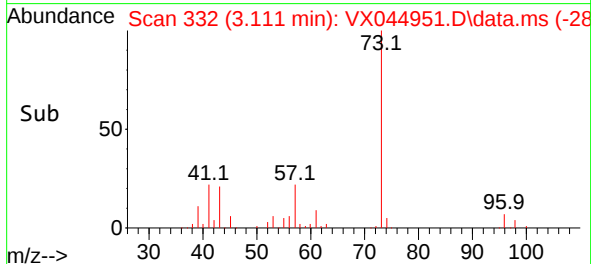
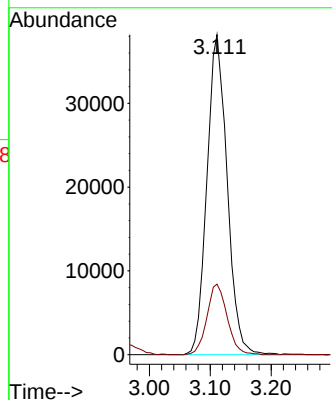
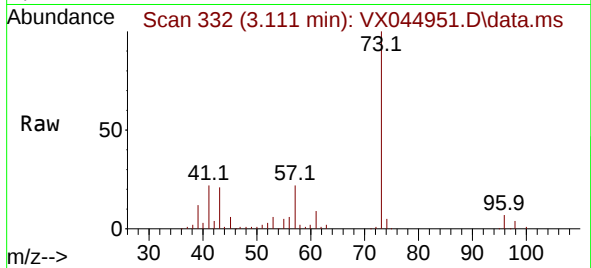




#19  
Methyl tert-butyl Ether  
Concen: 19.675 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

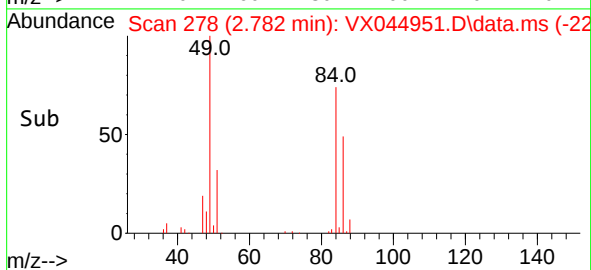
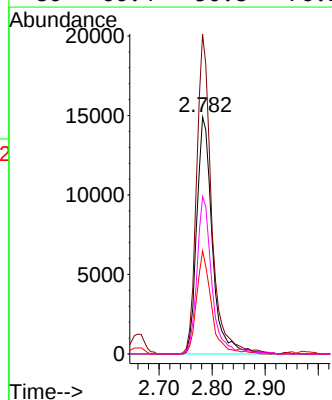
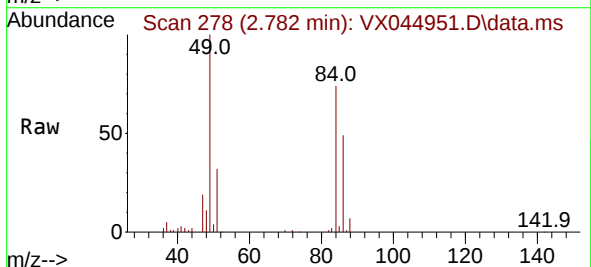
Instrument :  
MSVOA\_X  
ClientSampleId :

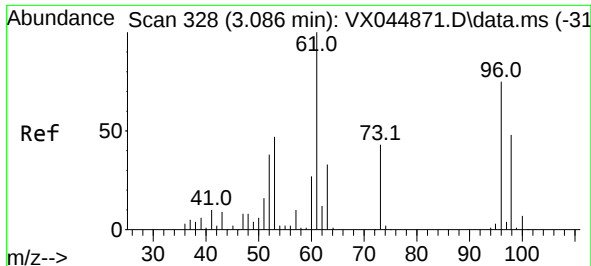
Tgt Ion: 73 Resp: 88083  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.9 26.9



#20  
Methylene Chloride  
Concen: 19.308 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 84 Resp: 30381  
Ion Ratio Lower Upper  
84 100  
49 135.1 100.1 150.1  
51 43.5 31.7 47.5  
86 66.4 50.8 76.2

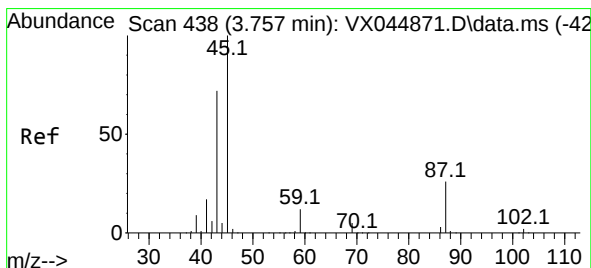
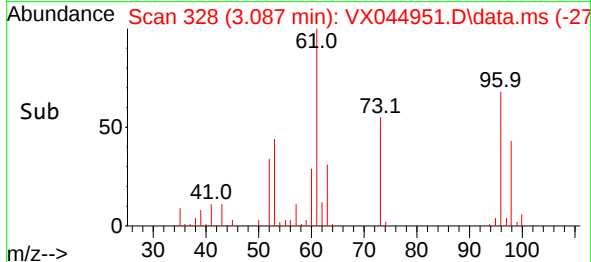
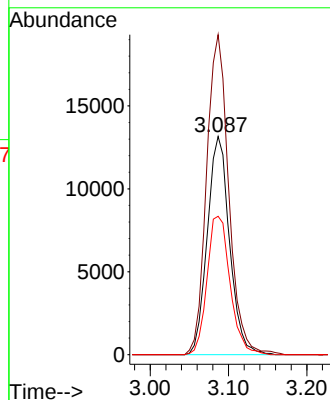
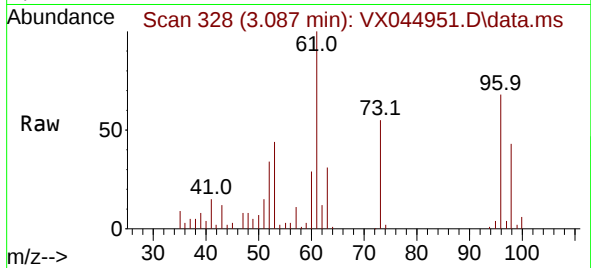




#21  
trans-1,2-Dichloroethene  
Concen: 18.726 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

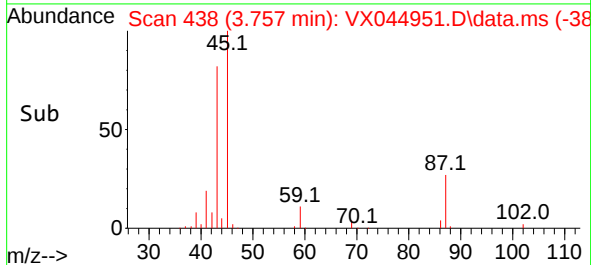
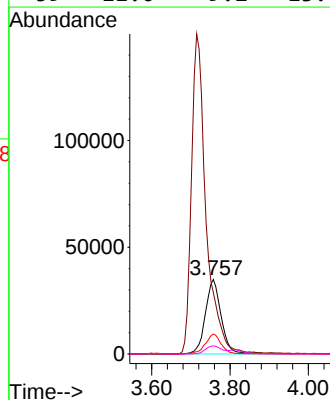
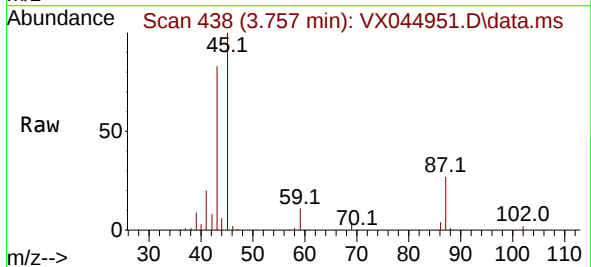
Instrument :  
MSVOA\_X  
ClientSampleId :

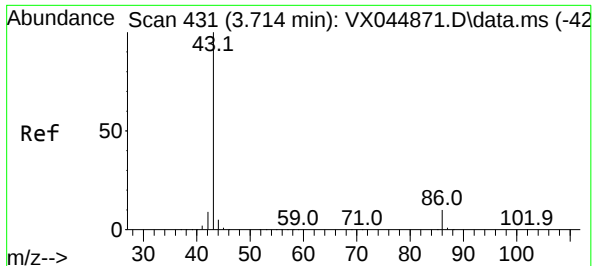
Tgt Ion: 96 Resp: 25933  
Ion Ratio Lower Upper  
96 100  
61 146.6 106.0 159.0  
98 63.4 50.6 76.0



#22  
Diisopropyl ether  
Concen: 20.312 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 45 Resp: 97720  
Ion Ratio Lower Upper  
45 100  
43 82.0 58.0 87.0  
87 26.6 20.7 31.1  
59 11.0 9.2 13.8

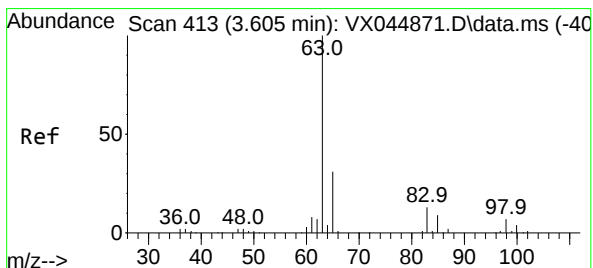
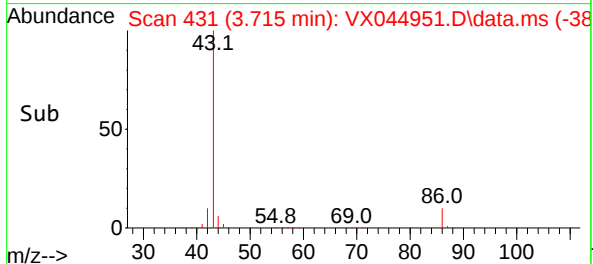
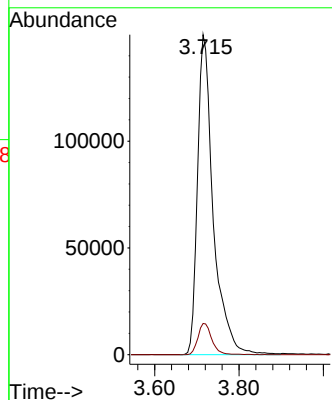
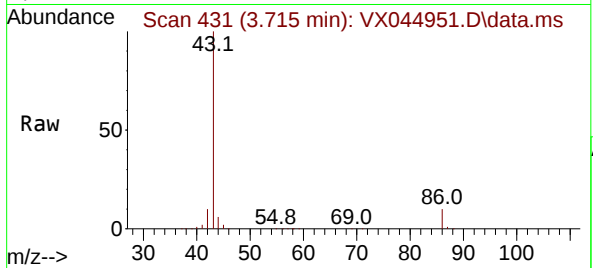




#23  
 Vinyl Acetate  
 Concen: 99.216 ug/l  
 RT: 3.715 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: VX044951.D  
 Acq: 14 Feb 2025 11:14

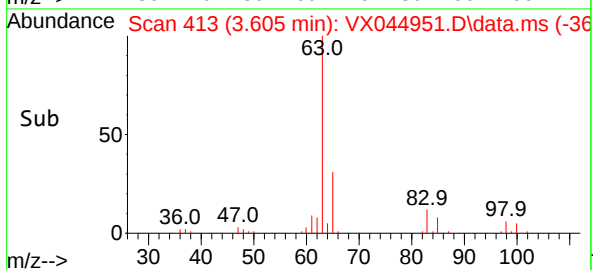
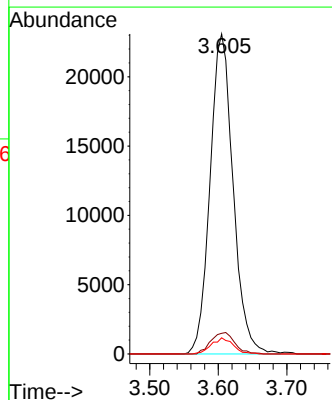
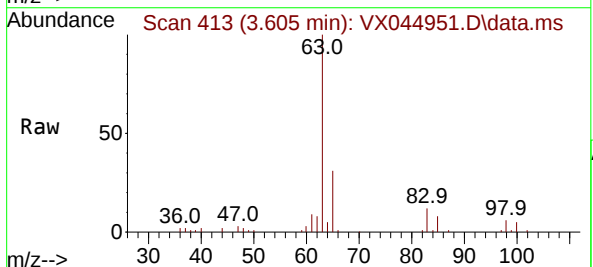
Instrument :  
 MSVOA\_X  
 ClientSampleId :

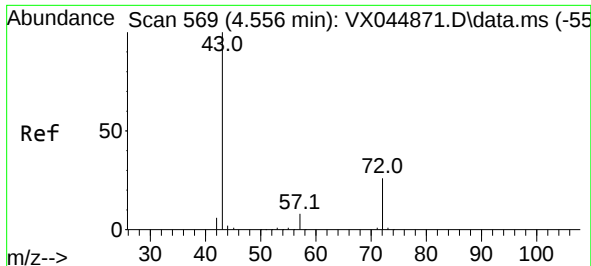
Tgt Ion: 43 Resp: 389140  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 8.3 12.5



#24  
 1,1-Dichloroethane  
 Concen: 20.015 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX044951.D  
 Acq: 14 Feb 2025 11:14

Tgt Ion: 63 Resp: 53879  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.3 9.9  
 100 5.1 2.1 6.5

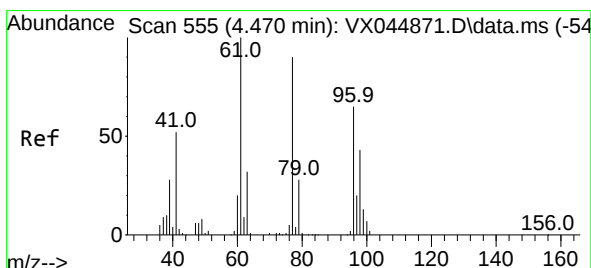
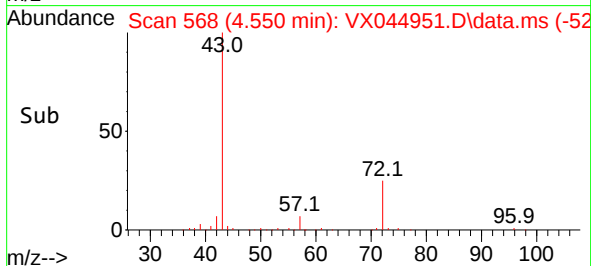
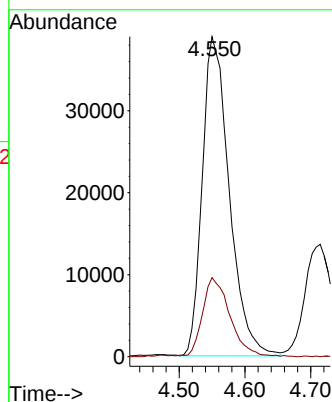
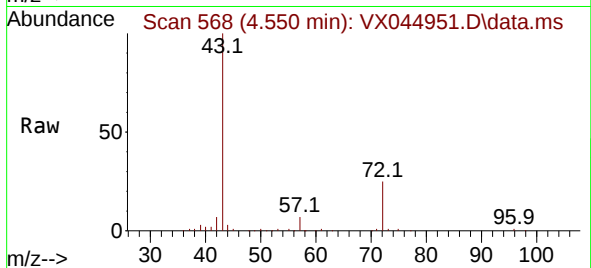




#25  
2-Butanone  
Concen: 106.657 ug/l  
RT: 4.550 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

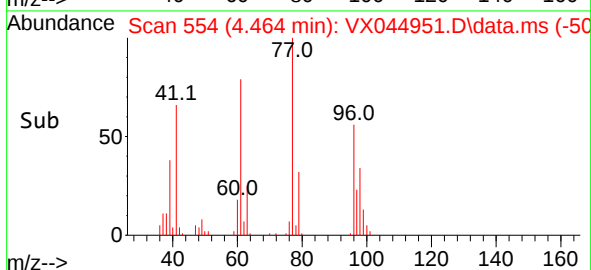
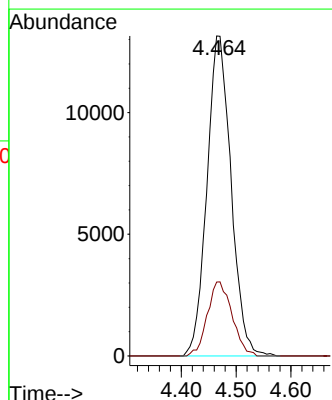
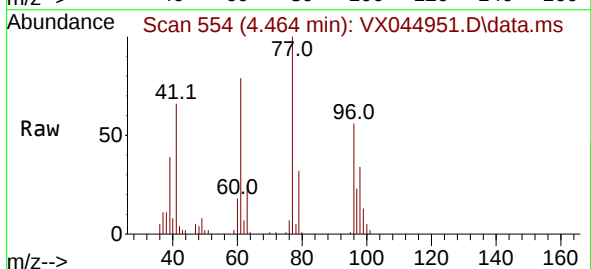
Instrument :  
MSVOA\_X  
ClientSampleId :

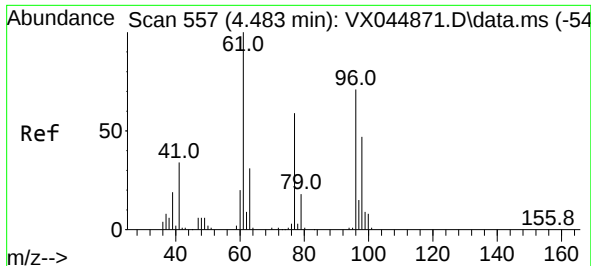
Tgt Ion: 43 Resp: 111260  
Ion Ratio Lower Upper  
43 100  
72 24.6 21.2 31.8



#26  
2,2-Dichloropropane  
Concen: 18.798 ug/l  
RT: 4.464 min Scan# 554  
Delta R.T. -0.006 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 77 Resp: 40129  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.815 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

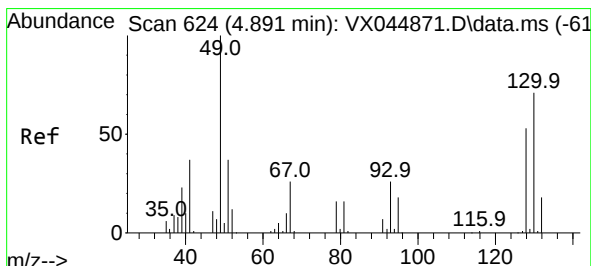
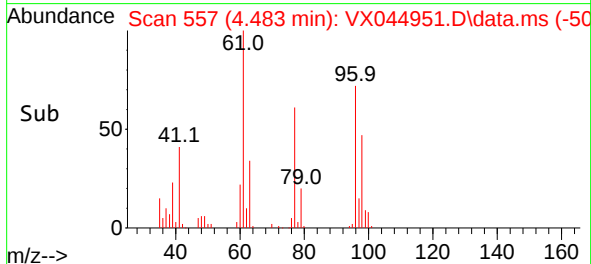
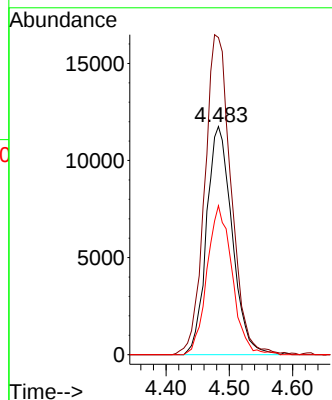
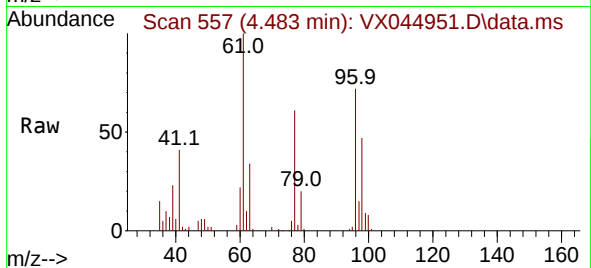
Tgt Ion: 96 Resp: 32961

Ion Ratio Lower Upper

96 100

61 144.9 0.0 294.0

98 64.2 0.0 131.2



#28

Bromochloromethane

Concen: 17.943 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

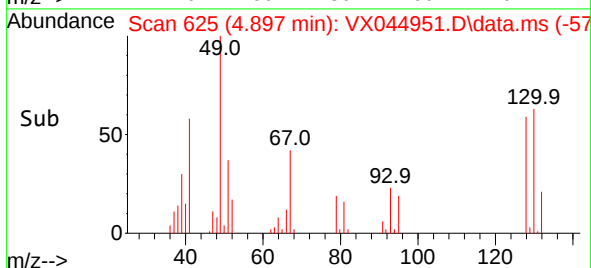
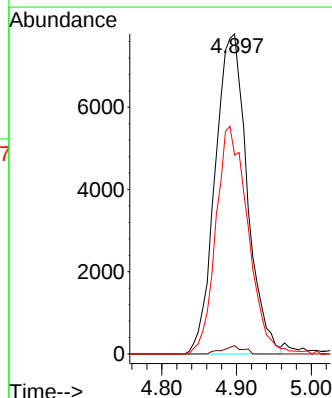
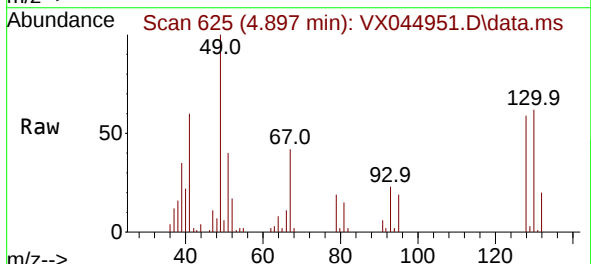
Tgt Ion: 49 Resp: 23212

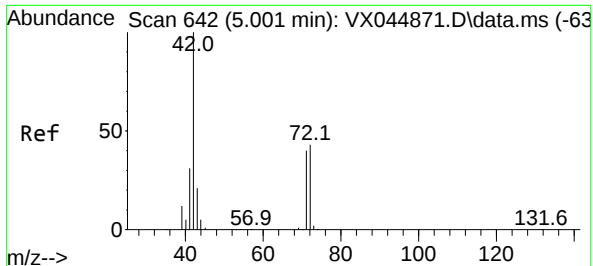
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.6

130 71.4 56.7 85.1





#29

Tetrahydrofuran

Concen: 104.443 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

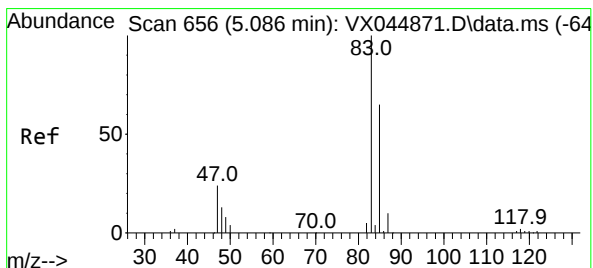
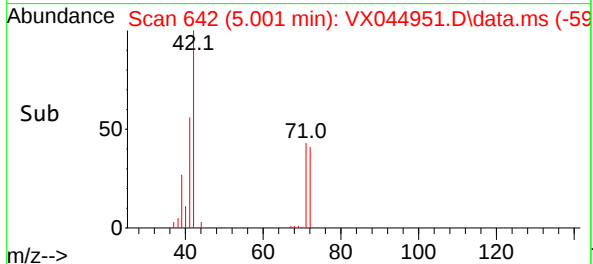
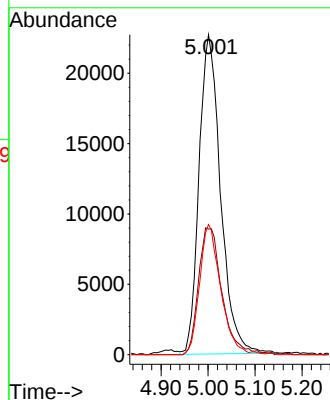
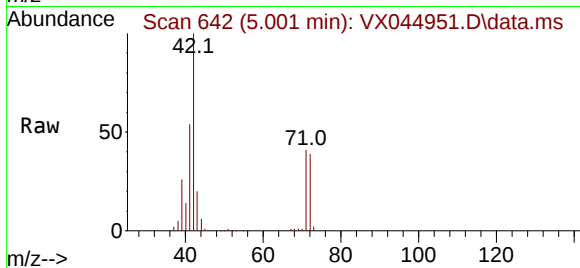
Tgt Ion: 42 Resp: 72346

Ion Ratio Lower Upper

42 100

72 43.2 35.0 52.4

71 40.0 32.6 48.8



#30

Chloroform

Concen: 20.580 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044951.D

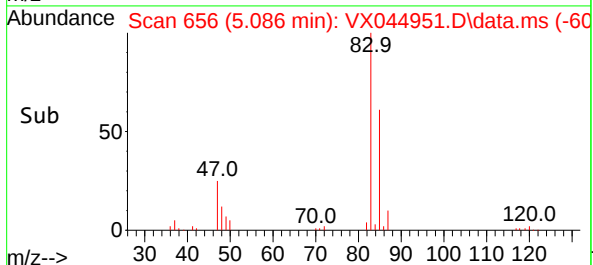
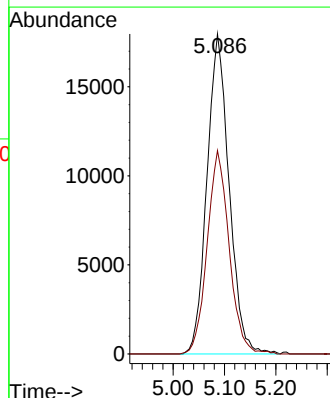
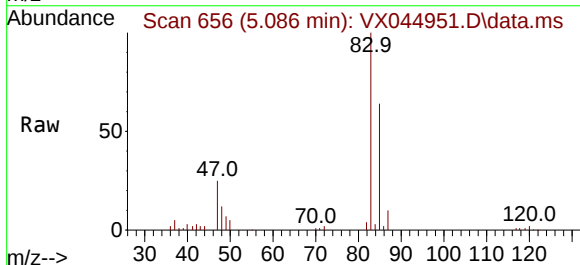
Acq: 14 Feb 2025 11:14

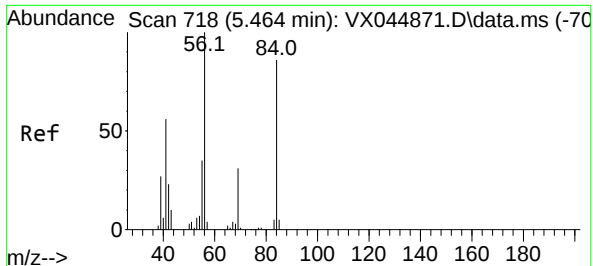
Tgt Ion: 83 Resp: 53725

Ion Ratio Lower Upper

83 100

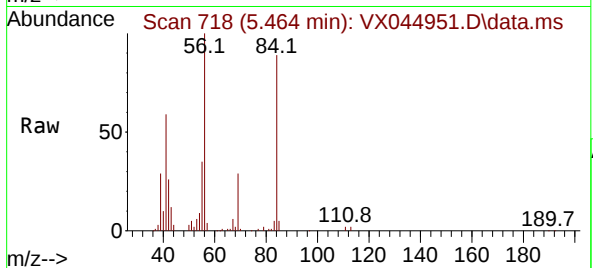
85 63.6 52.1 78.1



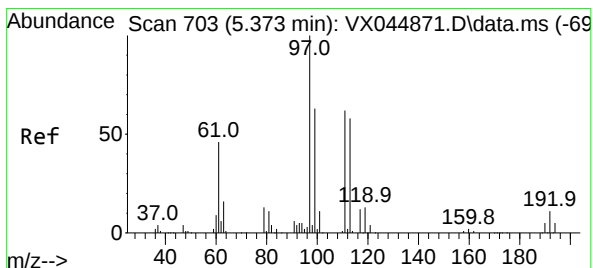
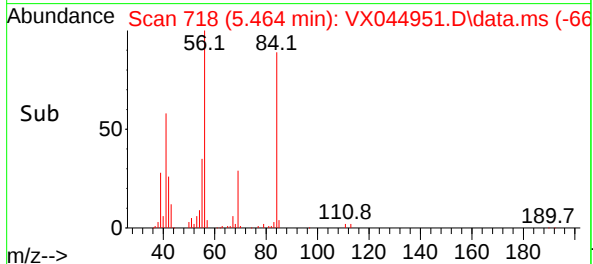
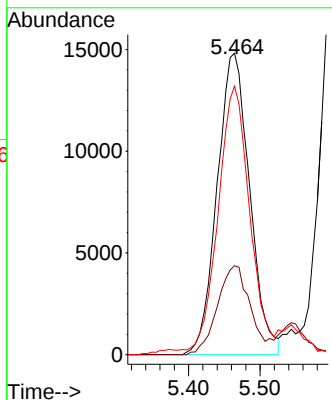


#31  
Cyclohexane  
Concen: 18.867 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Instrument :  
MSVOA\_X  
ClientSampleId :

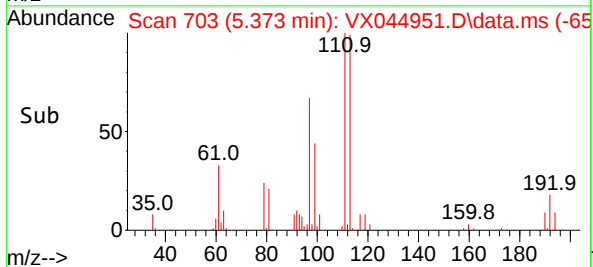
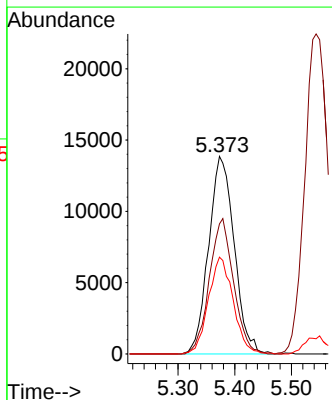
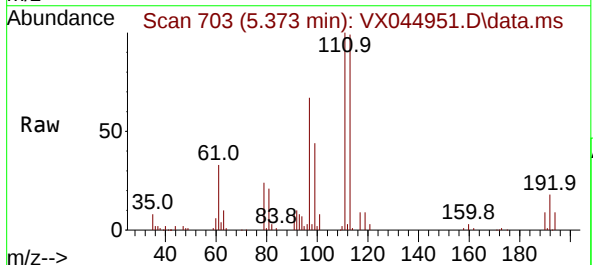


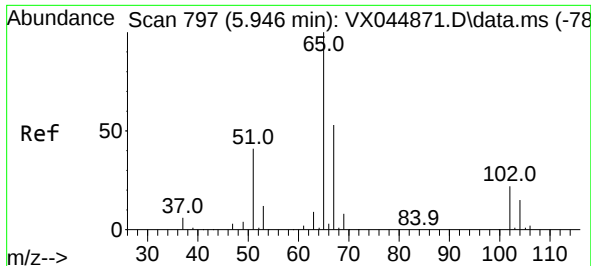
Tgt Ion: 56 Resp: 46821  
Ion Ratio Lower Upper  
56 100  
69 29.5 24.4 36.6  
84 87.6 69.0 103.6



#32  
1,1,1-Trichloroethane  
Concen: 19.641 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 97 Resp: 43492  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.0 76.6  
61 47.3 36.6 55.0

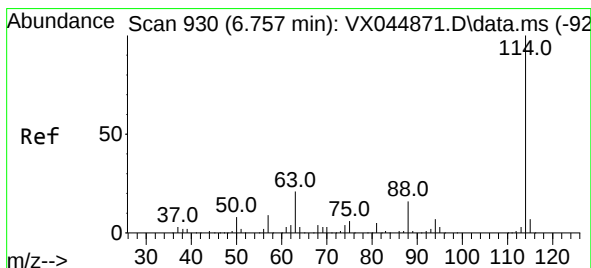
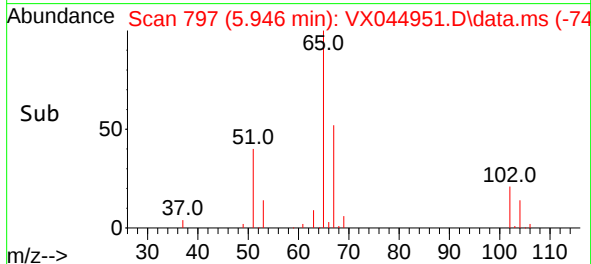
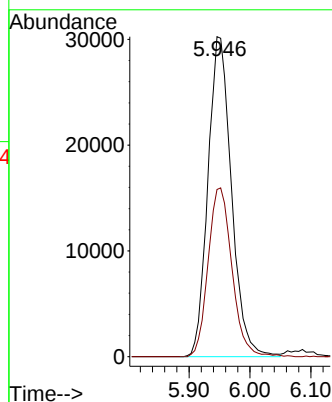
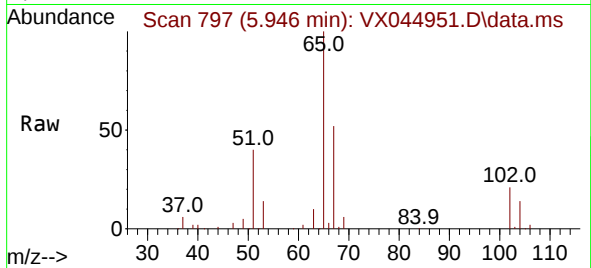




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.718 ug/l  
 RT: 5.946 min Scan# 797  
 Delta R.T. 0.000 min  
 Lab File: VX044951.D  
 Acq: 14 Feb 2025 11:14

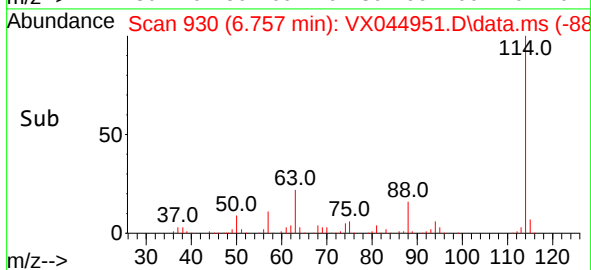
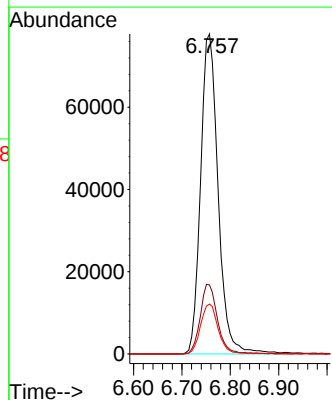
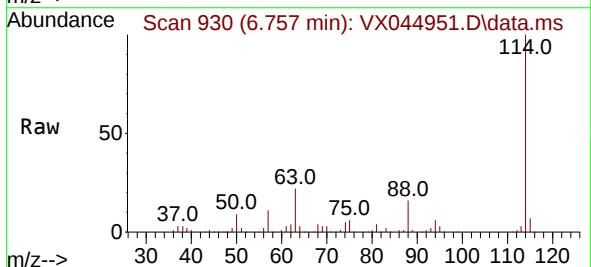
Instrument :  
 MSVOA\_X  
 ClientSampleId :

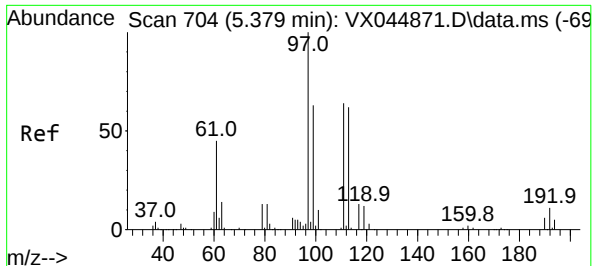
Tgt Ion: 65 Resp: 81048  
 Ion Ratio Lower Upper  
 65 100  
 67 53.5 0.0 108.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. 0.000 min  
 Lab File: VX044951.D  
 Acq: 14 Feb 2025 11:14

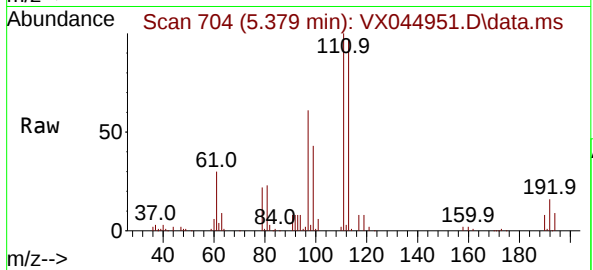
Tgt Ion: 114 Resp: 195743  
 Ion Ratio Lower Upper  
 114 100  
 63 21.6 0.0 42.4  
 88 15.6 0.0 31.4



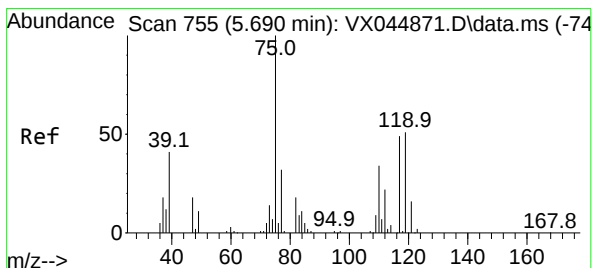
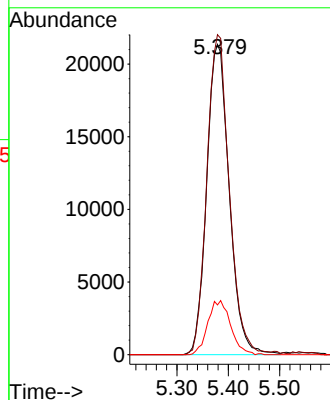
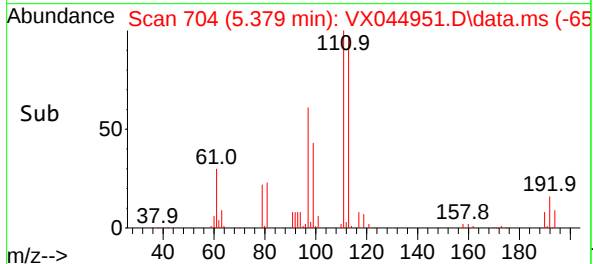


#35  
Dibromofluoromethane  
Concen: 51.117 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Instrument :  
MSVOA\_X  
ClientSampleId :

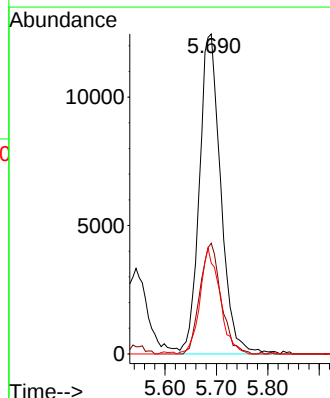
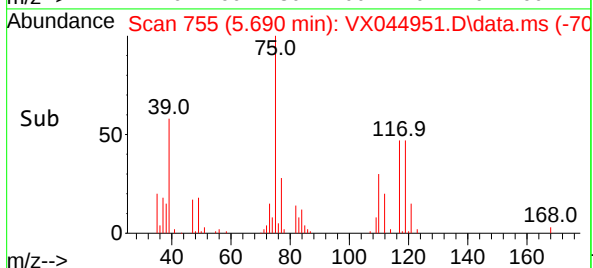
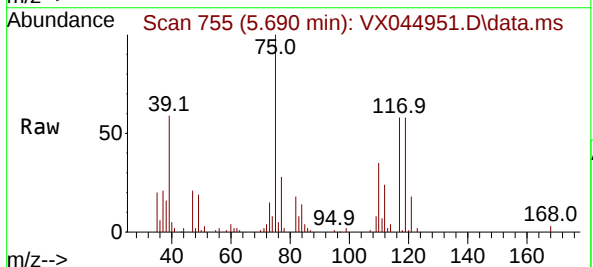


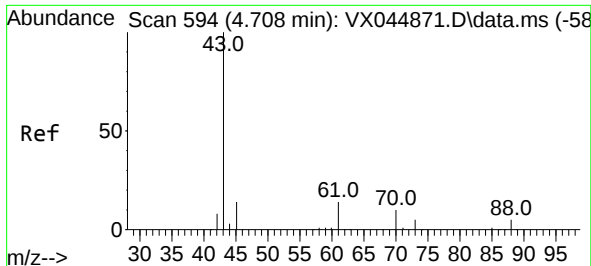
Tgt Ion:113 Resp: 65054  
Ion Ratio Lower Upper  
113 100  
111 102.2 83.5 125.3  
192 17.7 14.4 21.6



#36  
1,1-Dichloropropene  
Concen: 19.602 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 75 Resp: 35991  
Ion Ratio Lower Upper  
75 100  
110 34.1 17.2 51.6  
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 20.428 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

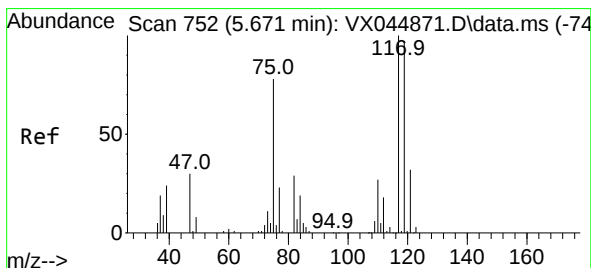
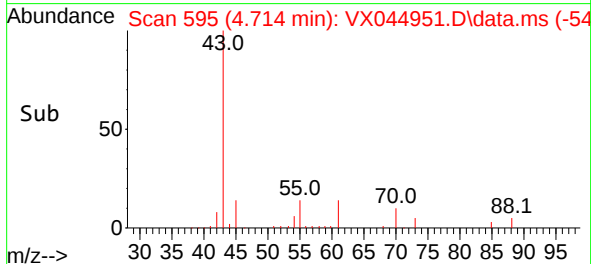
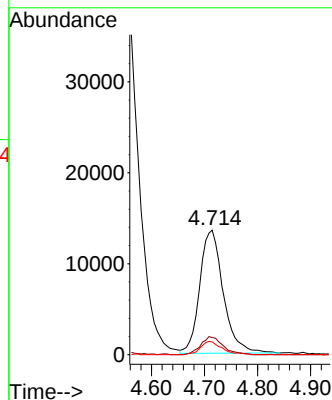
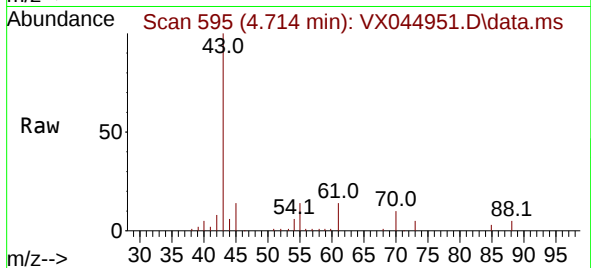
Tgt Ion: 43 Resp: 41720

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.4

70 9.9 8.2 12.2



#38

Carbon Tetrachloride

Concen: 20.174 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

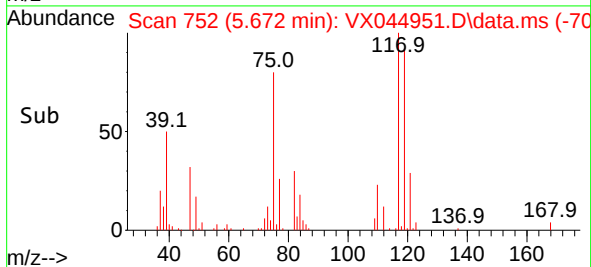
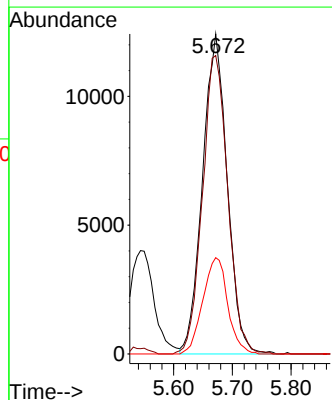
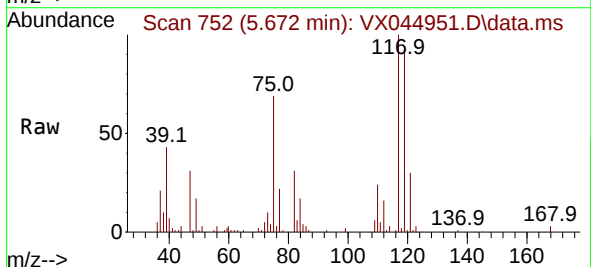
Tgt Ion: 117 Resp: 36299

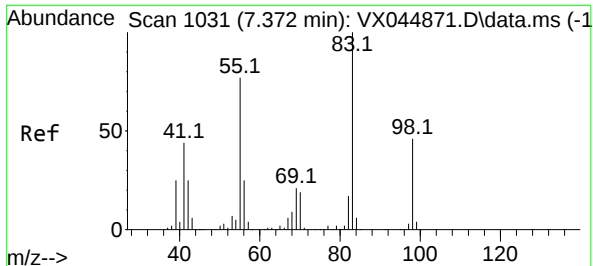
Ion Ratio Lower Upper

117 100

119 93.2 77.5 116.3

121 30.1 25.6 38.4





#39

Methylcyclohexane

Concen: 19.769 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

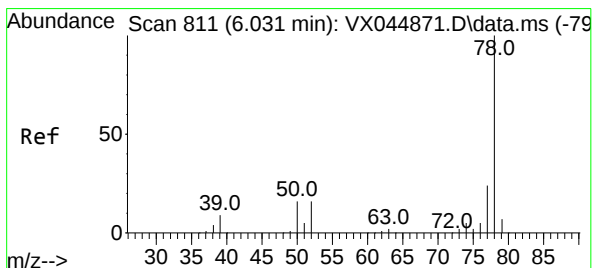
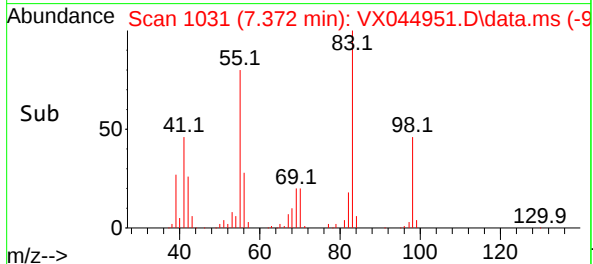
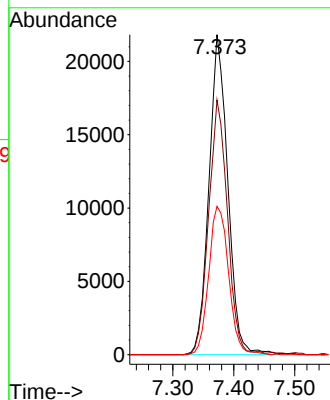
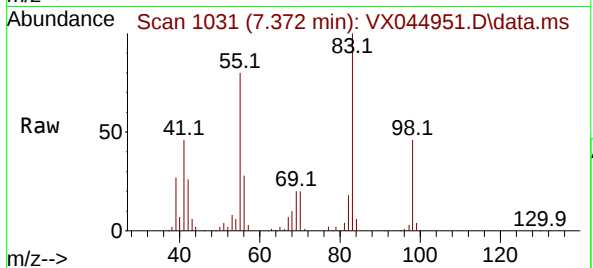
Tgt Ion: 83 Resp: 46927

Ion Ratio Lower Upper

83 100

55 79.6 61.3 91.9

98 46.4 37.0 55.6



#40

Benzene

Concen: 19.958 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044951.D

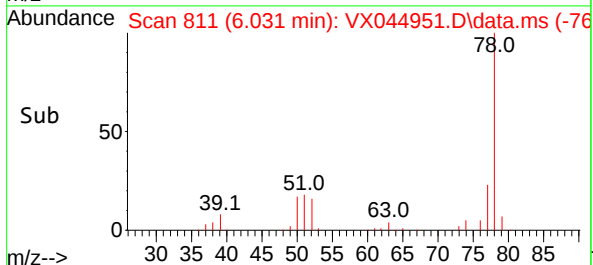
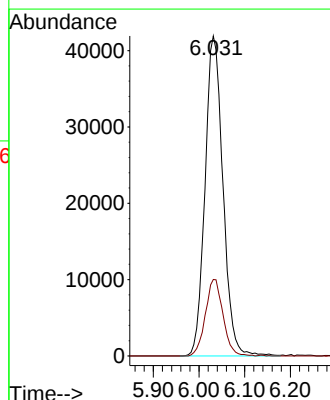
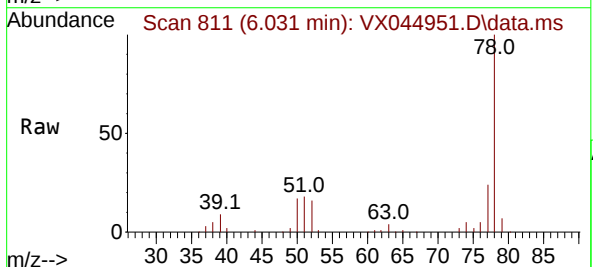
Acq: 14 Feb 2025 11:14

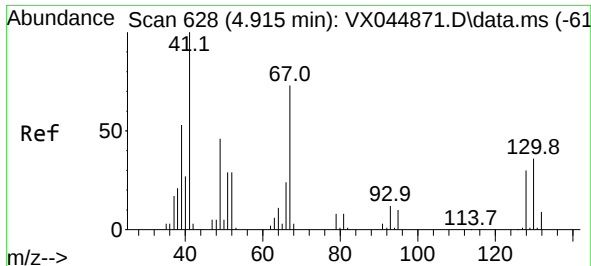
Tgt Ion: 78 Resp: 114429

Ion Ratio Lower Upper

78 100

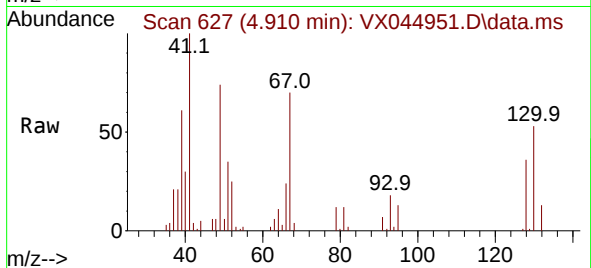
77 23.9 19.0 28.6



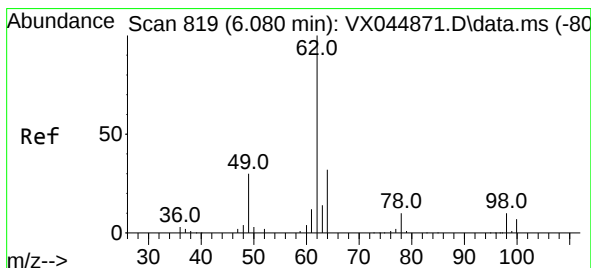
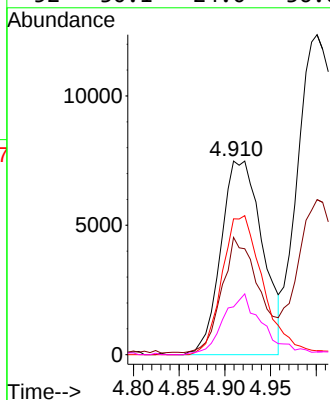
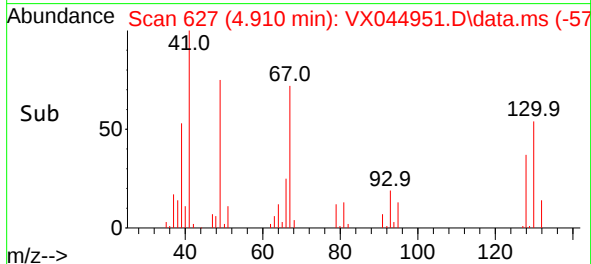


#41  
Methacrylonitrile  
Concen: 21.685 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Instrument :  
MSVOA\_X  
ClientSampleId :

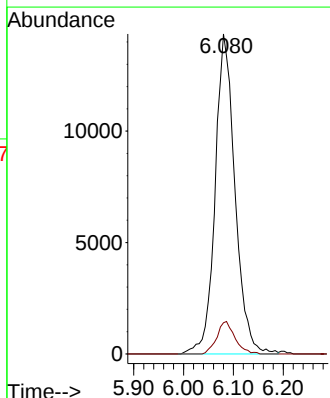
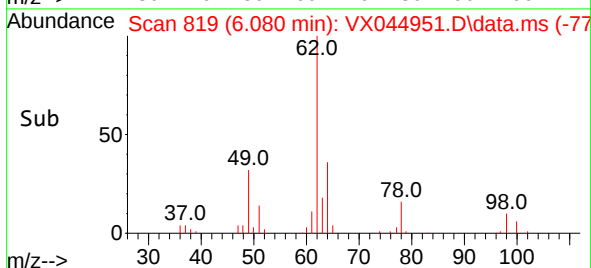
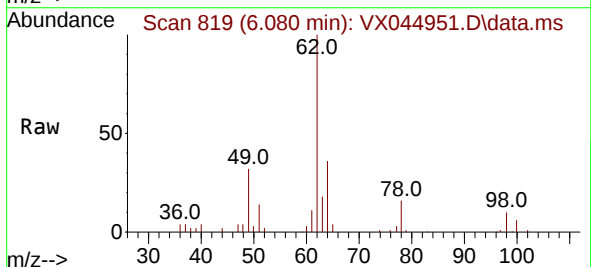


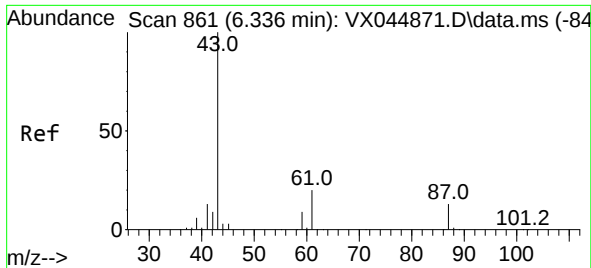
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 23705 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.5  | 43.1  | 64.7  |
| 67       | 71.4  | 57.0  | 85.6  |
| 52       | 30.1  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 21.773 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 39785 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.3   | 0.0   | 19.4  |

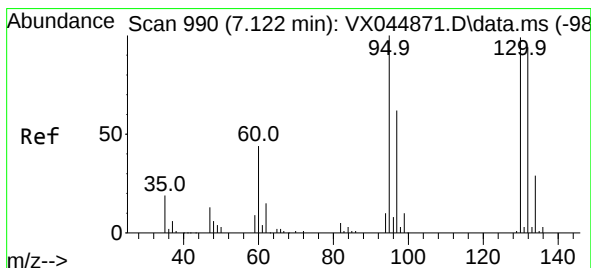
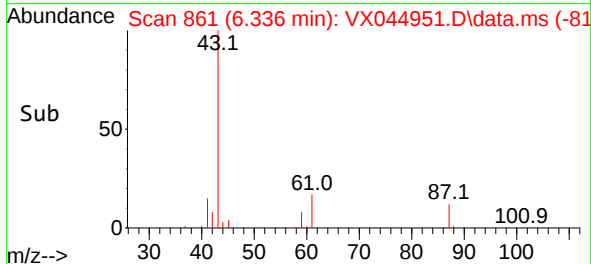
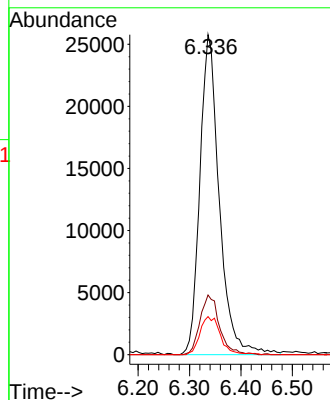
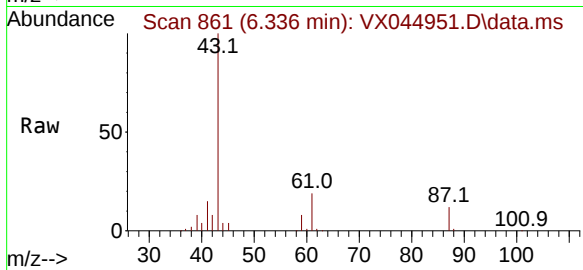




#43  
Isopropyl Acetate  
Concen: 20.524 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

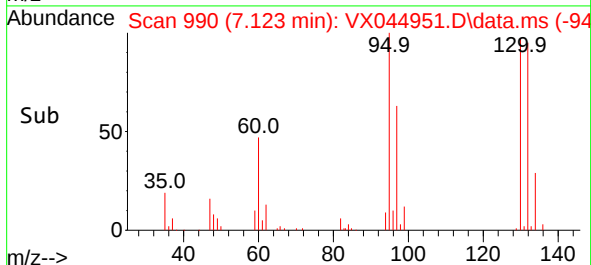
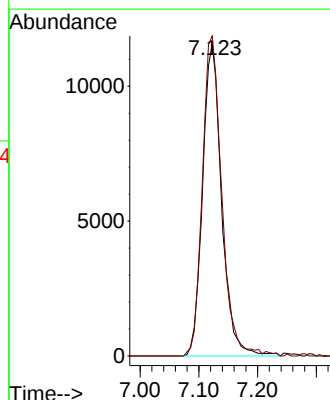
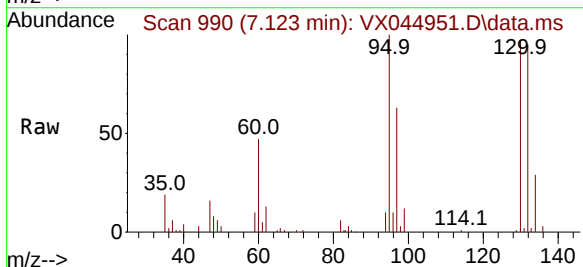
Instrument :  
MSVOA\_X  
ClientSampleId :

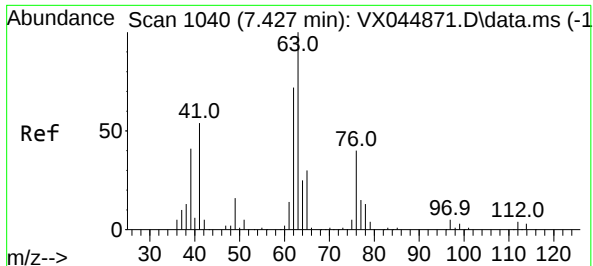
Tgt Ion: 43 Resp: 67687  
Ion Ratio Lower Upper  
43 100  
61 18.7 15.8 23.8  
87 12.4 10.0 15.0



#44  
Trichloroethene  
Concen: 19.823 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion:130 Resp: 25978  
Ion Ratio Lower Upper  
130 100  
95 102.6 0.0 202.4





#45

1,2-Dichloropropane

Concen: 20.145 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

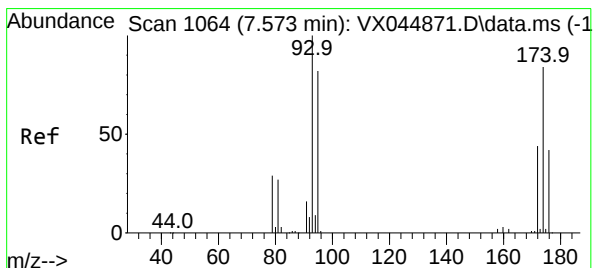
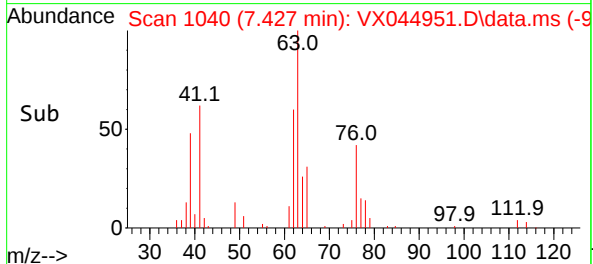
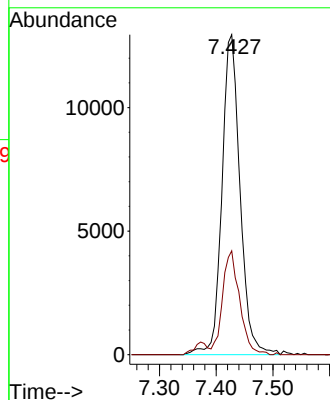
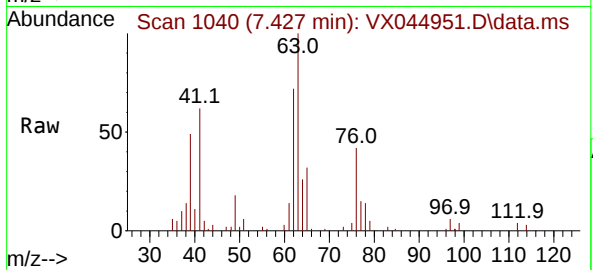
ClientSampleId :

Tgt Ion: 63 Resp: 28734

Ion Ratio Lower Upper

63 100

65 32.5 24.2 36.4



#46

Dibromomethane

Concen: 20.383 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

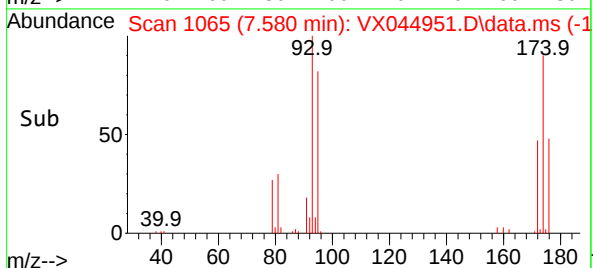
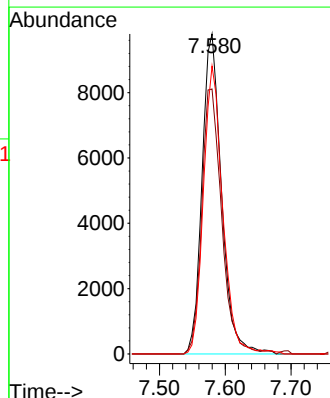
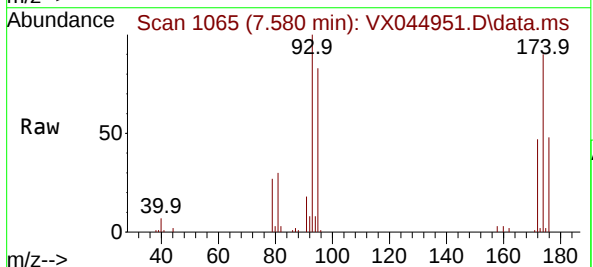
Tgt Ion: 93 Resp: 20163

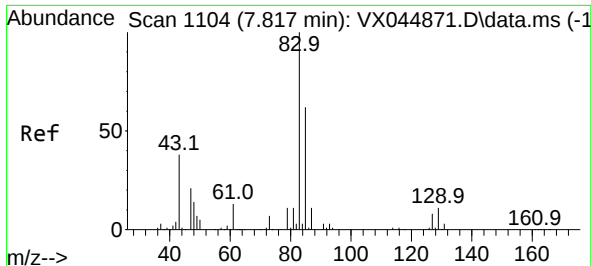
Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

174 89.5 69.9 104.9

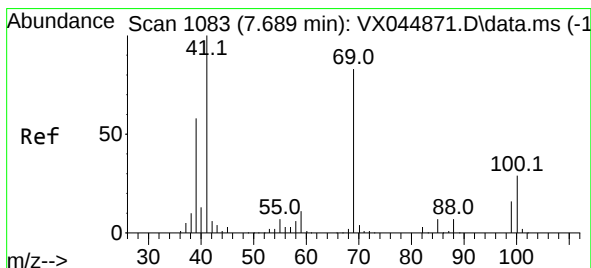
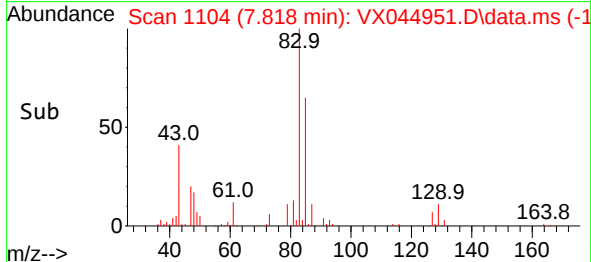
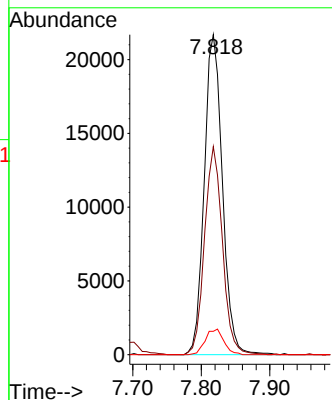
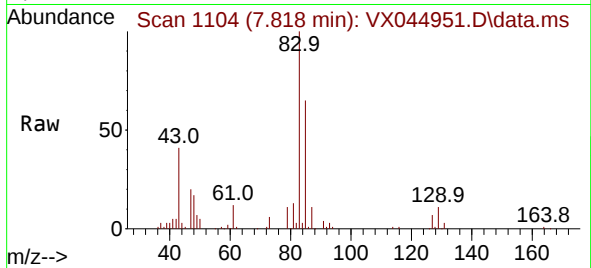




#47  
Bromodichloromethane  
Concen: 20.896 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

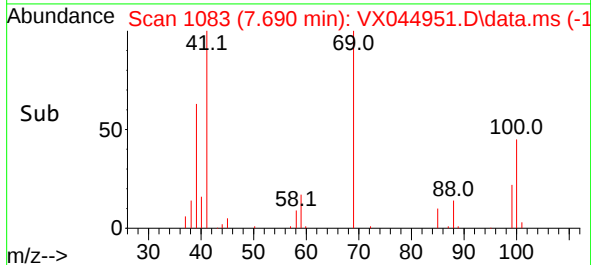
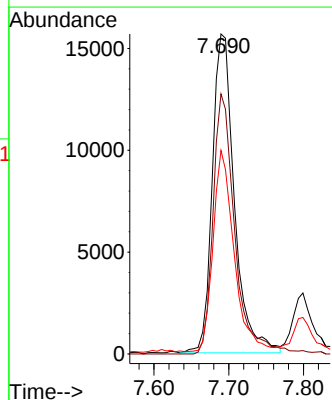
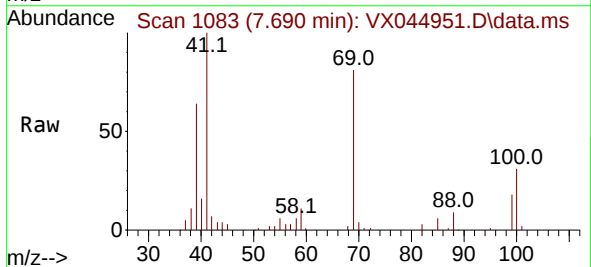
Instrument :  
MSVOA\_X  
ClientSampleId :

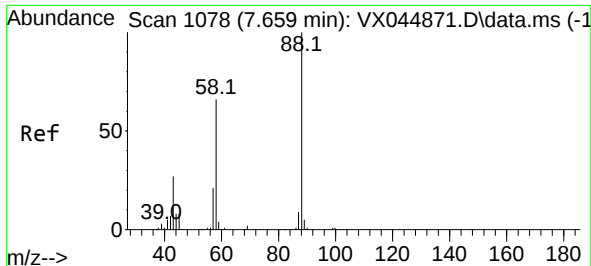
Tgt Ion: 83 Resp: 40024  
Ion Ratio Lower Upper  
83 100  
85 65.0 50.0 75.0  
127 7.3 6.4 9.6



#48  
Methyl methacrylate  
Concen: 20.739 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 41 Resp: 32249  
Ion Ratio Lower Upper  
41 100  
69 80.7 65.8 98.8  
39 60.1 46.4 69.6





#49

1,4-Dioxane

Concen: 443.128 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

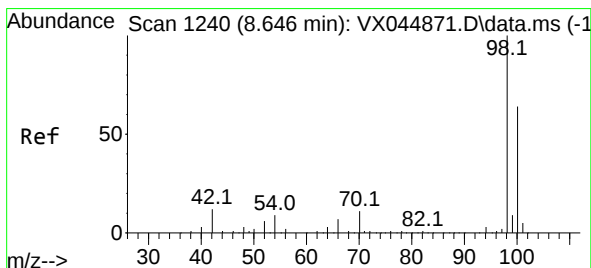
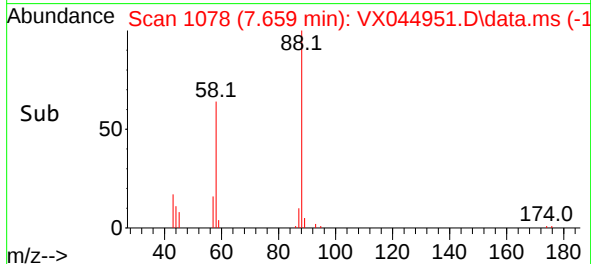
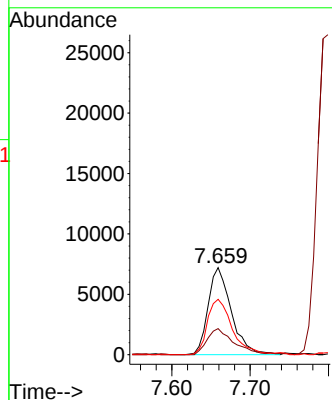
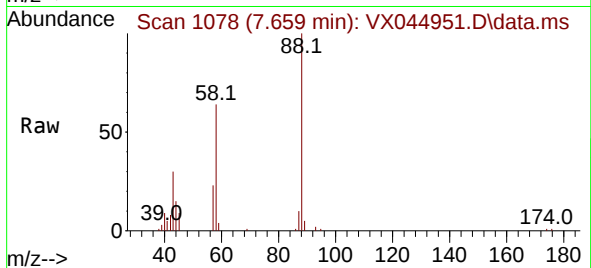
Tgt Ion: 88 Resp: 14784

Ion Ratio Lower Upper

88 100

43 35.4 26.6 39.8

58 68.1 55.9 83.9



#50

Toluene-d8

Concen: 49.736 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044951.D

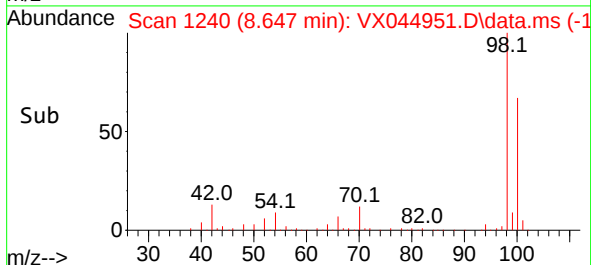
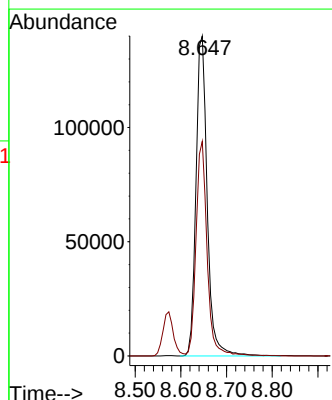
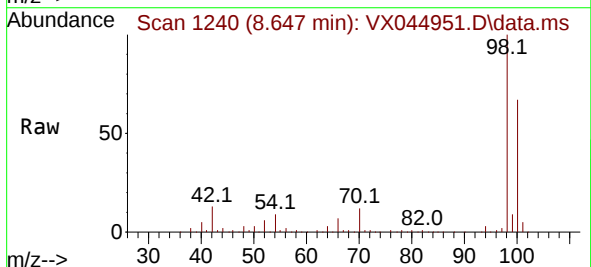
Acq: 14 Feb 2025 11:14

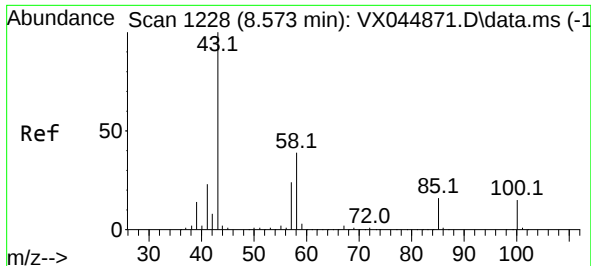
Tgt Ion: 98 Resp: 239351

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1

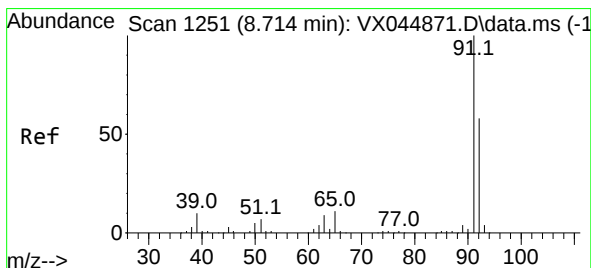
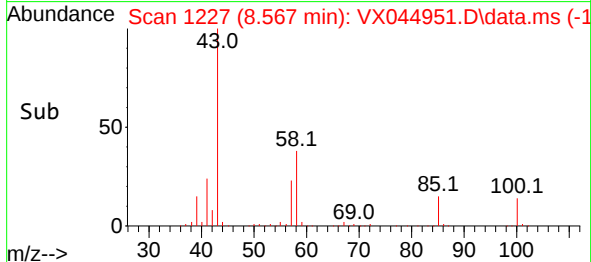
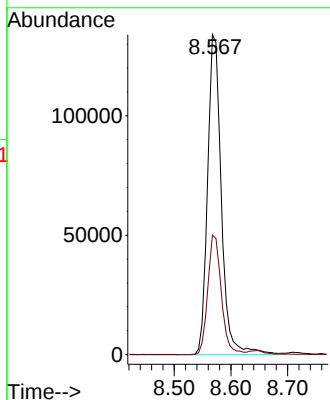
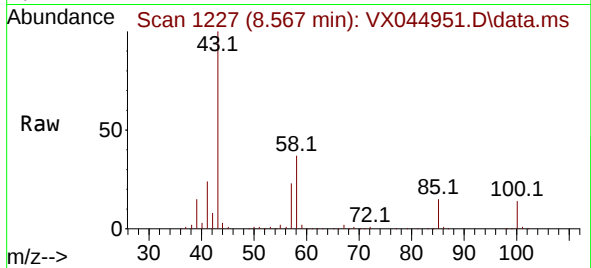




#51  
4-Methyl-2-Pentanone  
Concen: 112.703 ug/l  
RT: 8.567 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

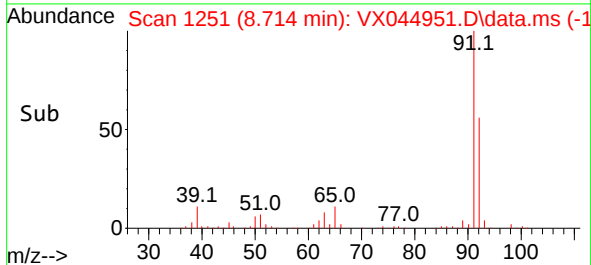
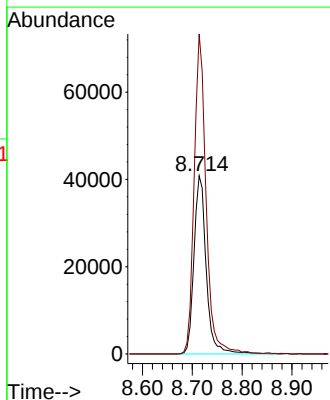
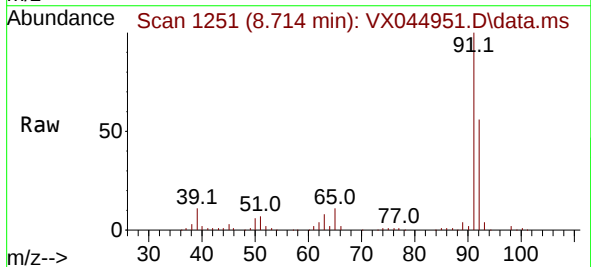
Instrument :  
MSVOA\_X  
ClientSampleId :

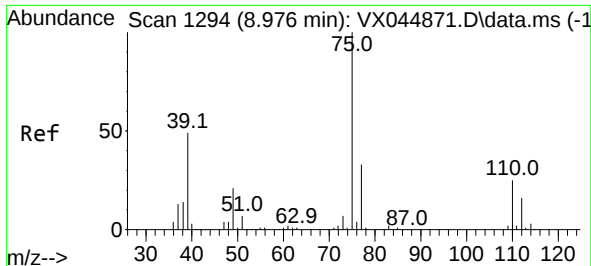
Tgt Ion: 43 Resp: 225966  
Ion Ratio Lower Upper  
43 100  
58 36.8 30.8 46.2



#52  
Toluene  
Concen: 20.427 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 92 Resp: 69748  
Ion Ratio Lower Upper  
92 100  
91 174.6 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 19.176 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

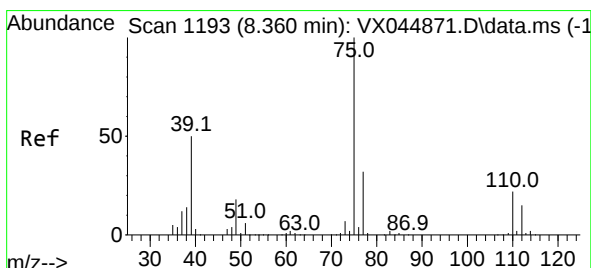
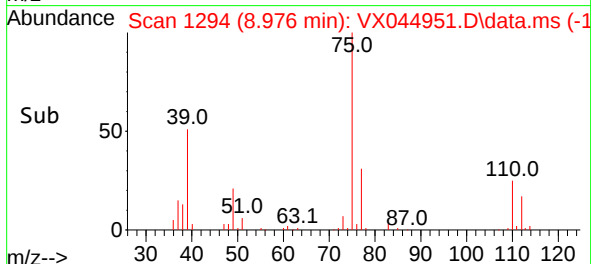
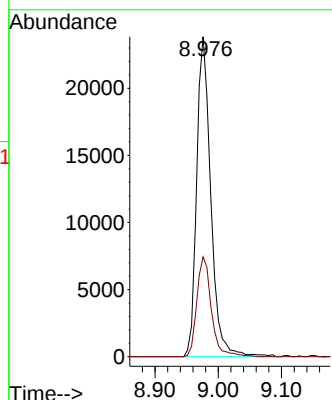
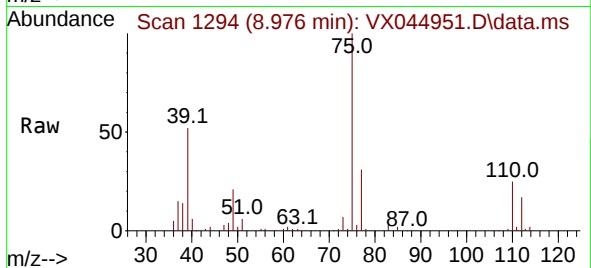
ClientSampleId :

Tgt Ion: 75 Resp: 37169

Ion Ratio Lower Upper

75 100

77 31.2 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 20.090 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

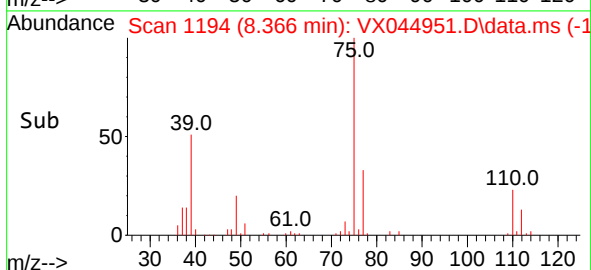
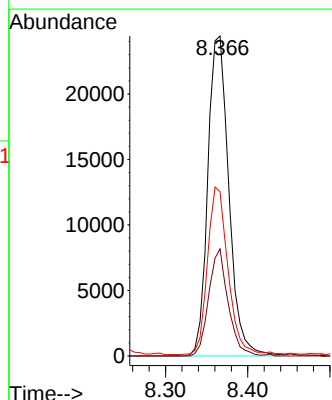
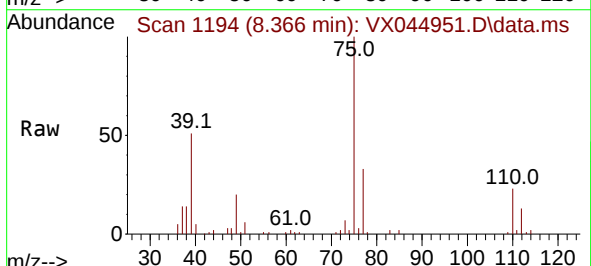
Tgt Ion: 75 Resp: 43416

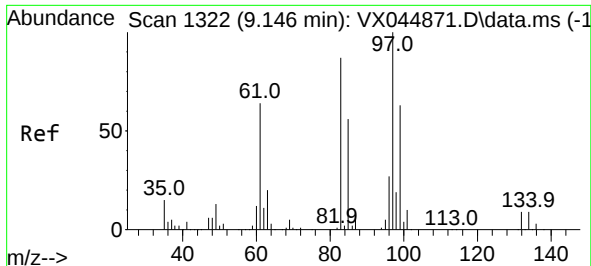
Ion Ratio Lower Upper

75 100

77 33.4 25.3 37.9

39 50.9 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 21.245 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 27886

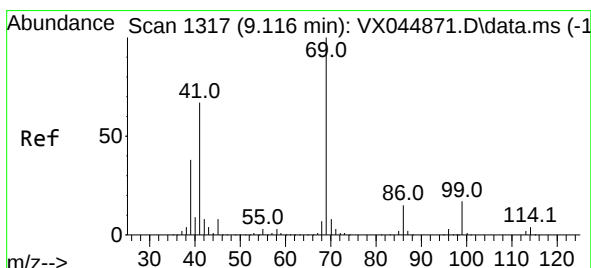
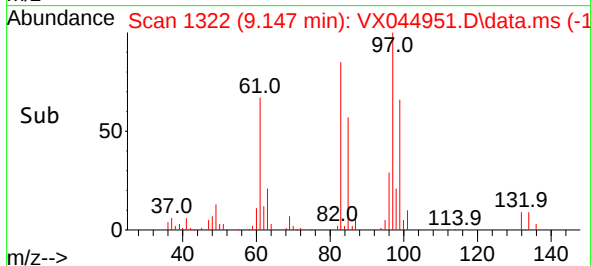
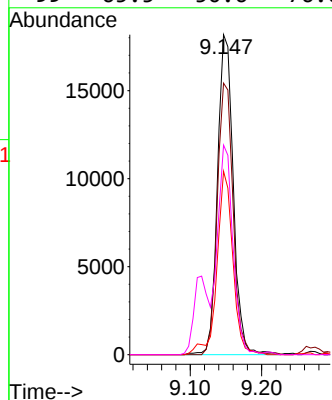
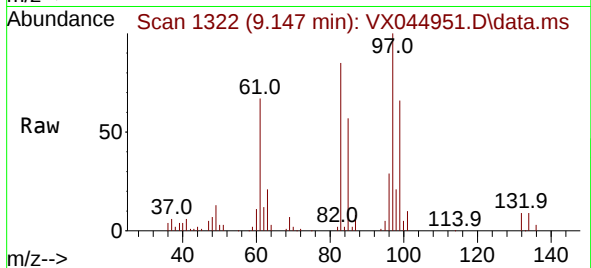
Ion Ratio Lower Upper

97 100

83 84.9 69.8 104.6

85 57.3 44.8 67.2

99 65.5 50.6 76.0



#56

Ethyl methacrylate

Concen: 20.021 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

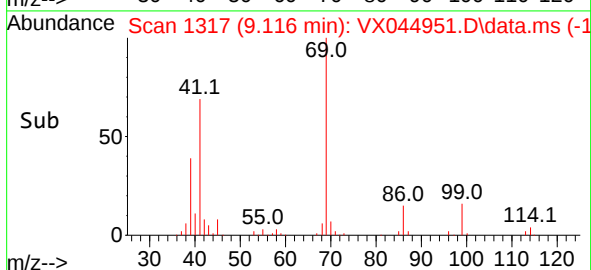
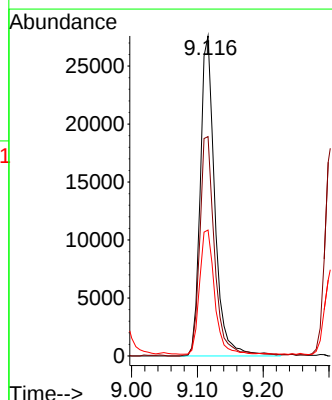
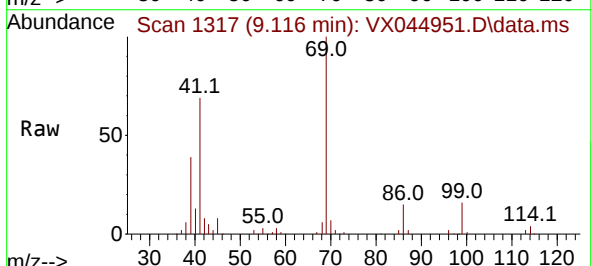
Tgt Ion: 69 Resp: 42444

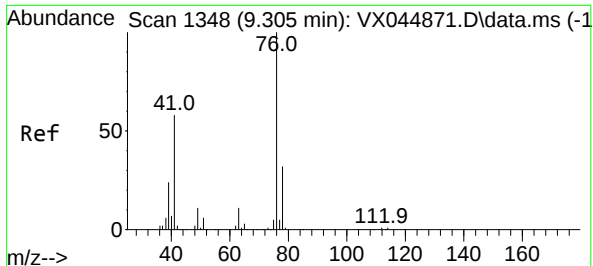
Ion Ratio Lower Upper

69 100

41 70.6 55.2 82.8

39 39.9 30.8 46.2





#57

1,3-Dichloropropane

Concen: 20.820 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

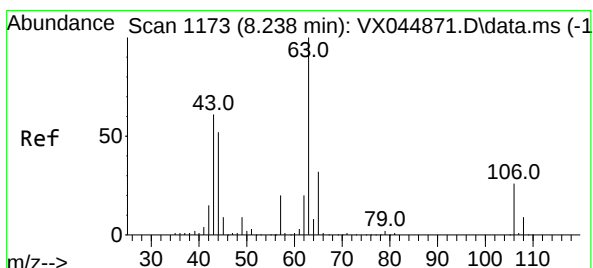
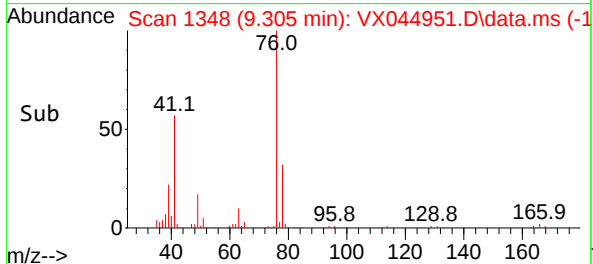
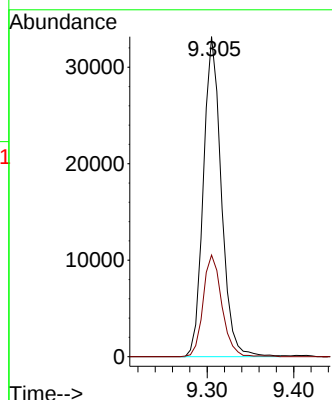
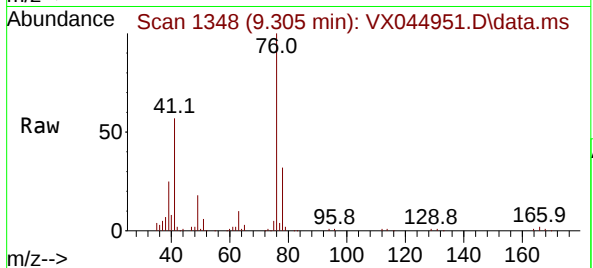
ClientSampleId :

Tgt Ion: 76 Resp: 47815

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.151 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044951.D

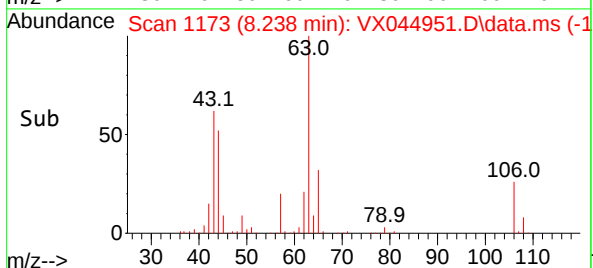
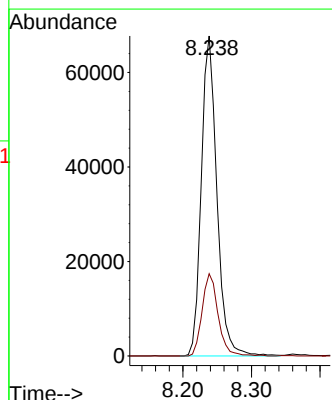
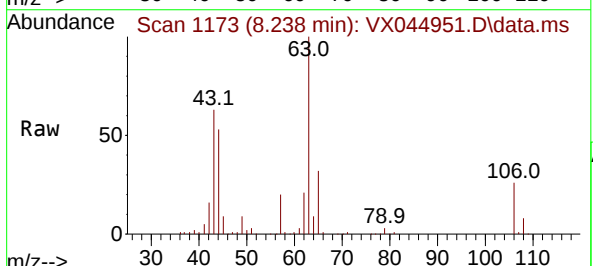
Acq: 14 Feb 2025 11:14

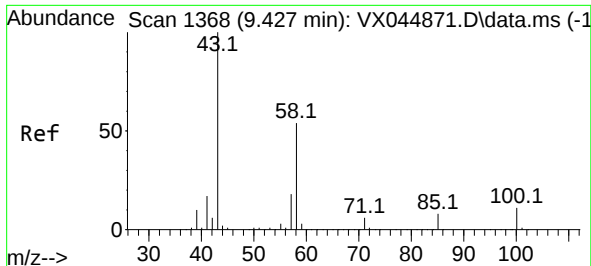
Tgt Ion: 63 Resp: 107373

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9





#59

2-Hexanone

Concen: 115.365 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

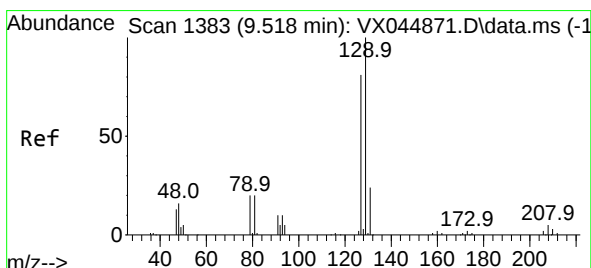
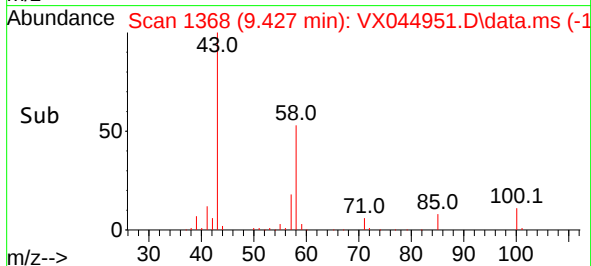
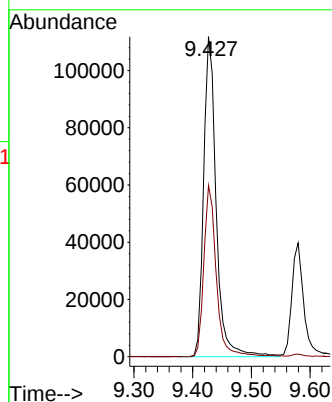
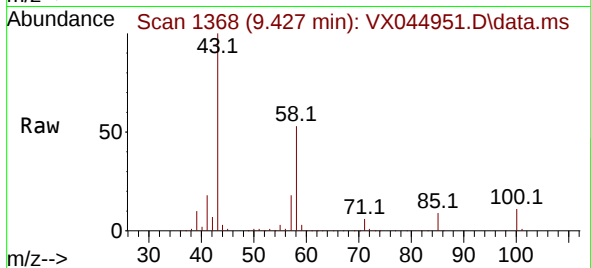
ClientSampleId :

Tgt Ion: 43 Resp: 166655

Ion Ratio Lower Upper

43 100

58 52.8 27.5 82.4



#60

Dibromochloromethane

Concen: 20.721 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044951.D

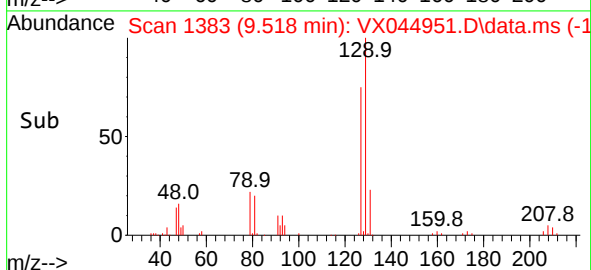
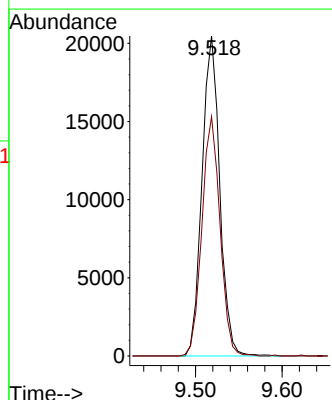
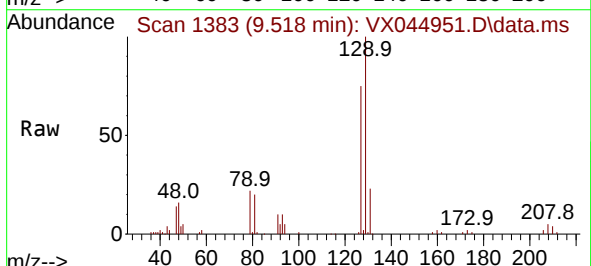
Acq: 14 Feb 2025 11:14

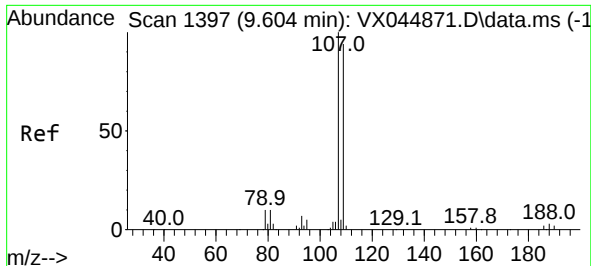
Tgt Ion: 129 Resp: 29087

Ion Ratio Lower Upper

129 100

127 76.2 39.1 117.3

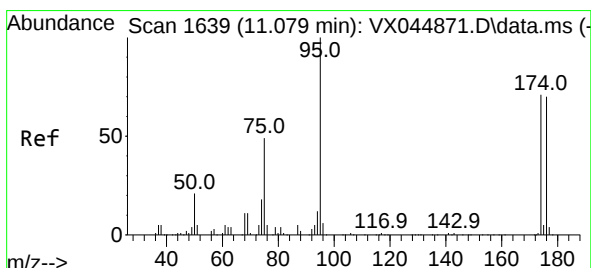
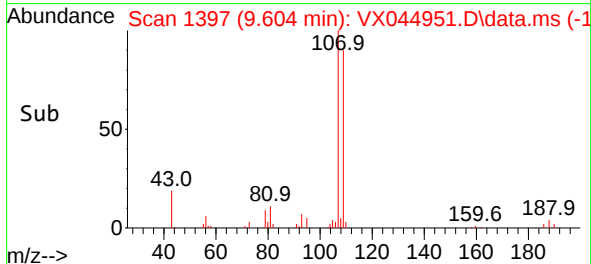
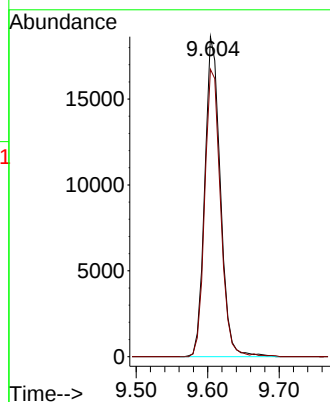
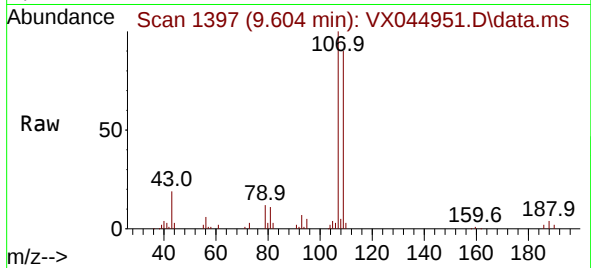




#61  
1,2-Dibromoethane  
Concen: 21.163 ug/l  
RT: 9.604 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

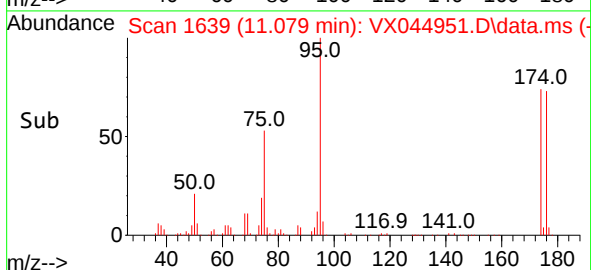
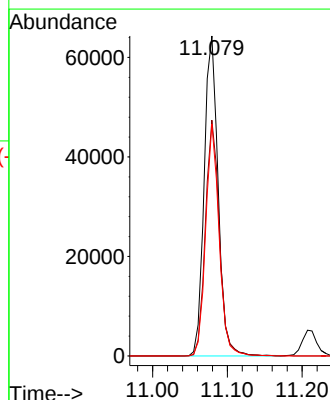
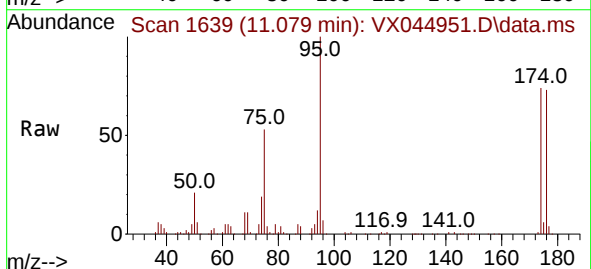
Instrument :  
MSVOA\_X  
ClientSampleId :

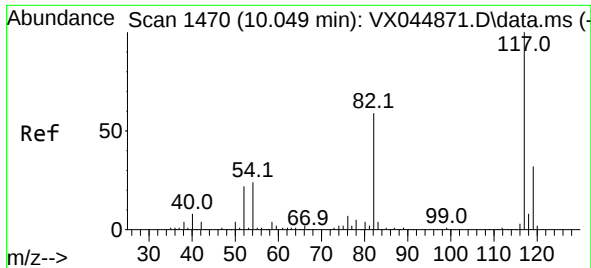
Tgt Ion:107 Resp: 28155  
Ion Ratio Lower Upper  
107 100  
109 91.6 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 51.472 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

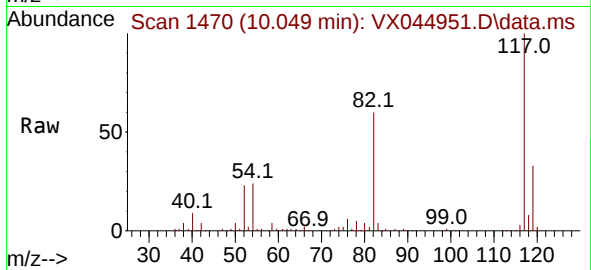
Tgt Ion: 95 Resp: 83506  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 142.6  
176 69.6 0.0 141.6



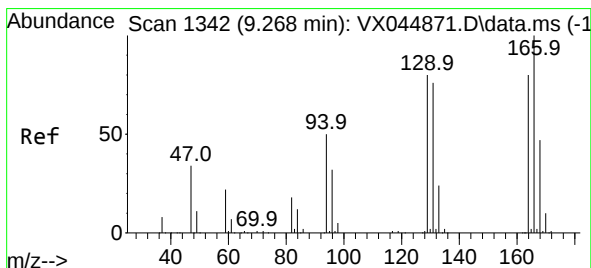
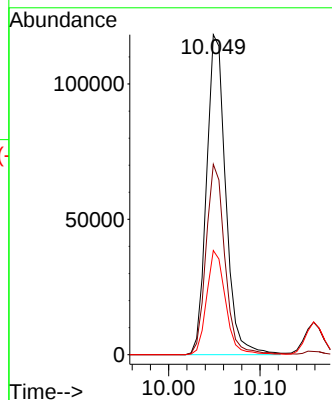
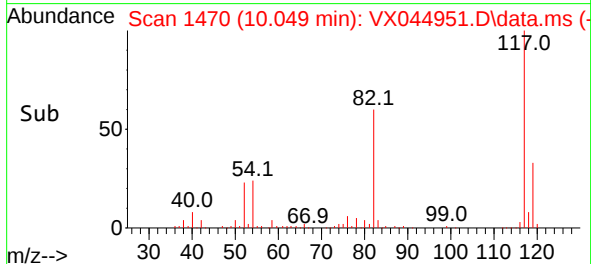


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Instrument :  
MSVOA\_X  
ClientSampleId :

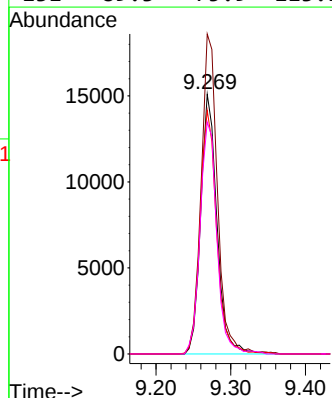
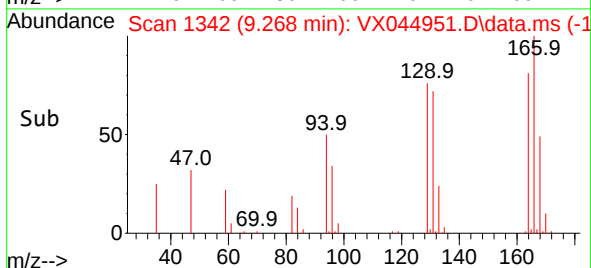
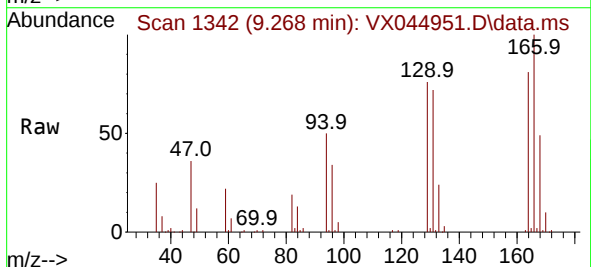


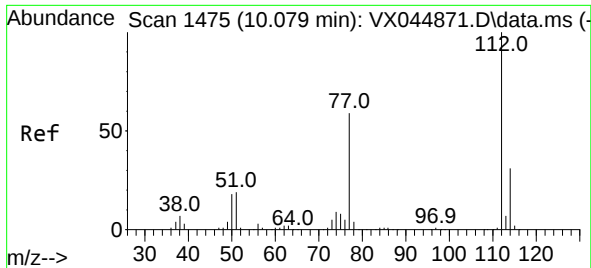
Tgt Ion:117 Resp: 172020  
Ion Ratio Lower Upper  
117 100  
82 59.5 47.5 71.3  
119 32.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.951 ug/l  
RT: 9.268 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion:164 Resp: 22728  
Ion Ratio Lower Upper  
164 100  
166 123.3 100.4 150.6  
129 93.7 79.9 119.9  
131 89.3 75.9 113.9

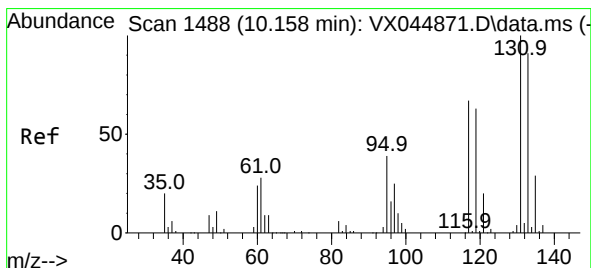
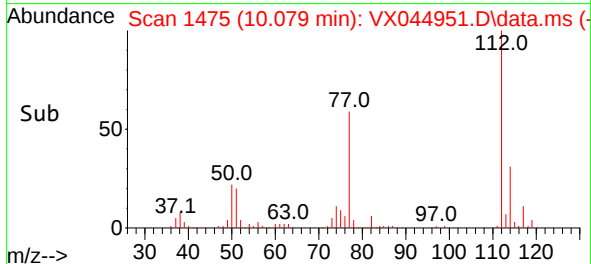
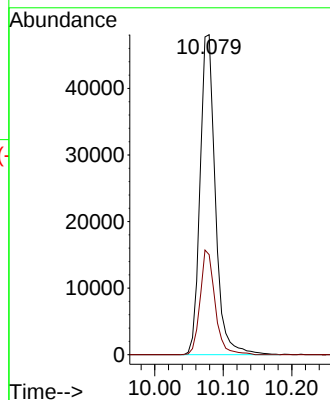
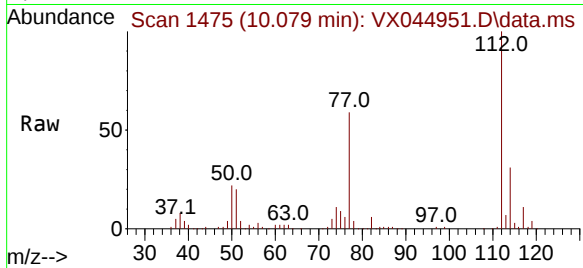




#65  
Chlorobenzene  
Concen: 20.200 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

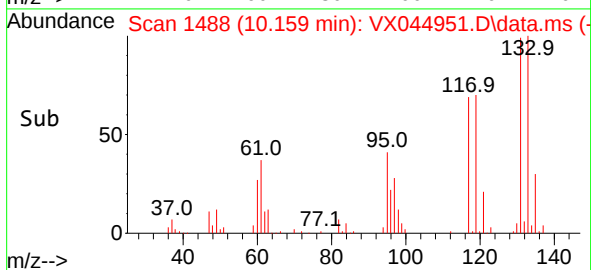
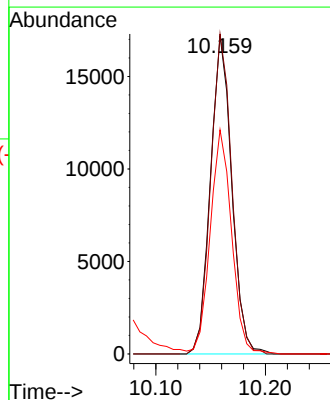
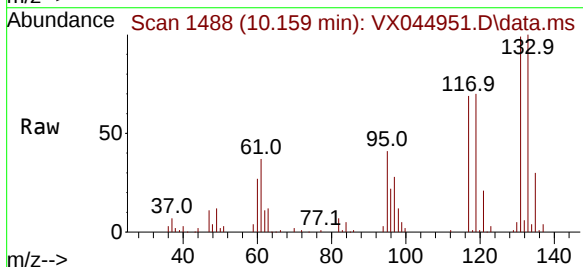
Instrument :  
MSVOA\_X  
ClientSampleId :

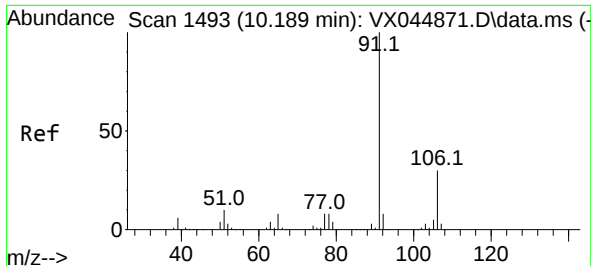
Tgt Ion:112 Resp: 74635  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.514 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion:131 Resp: 23206  
Ion Ratio Lower Upper  
131 100  
133 99.9 47.1 141.3  
119 70.7 33.6 100.6





#67

Ethyl Benzene

Concen: 20.199 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

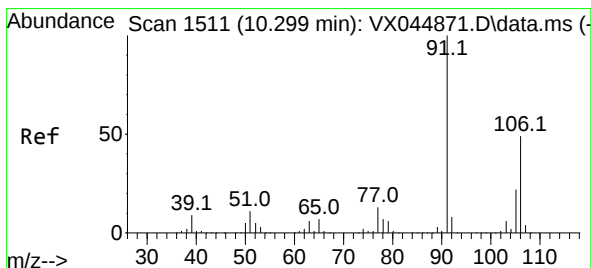
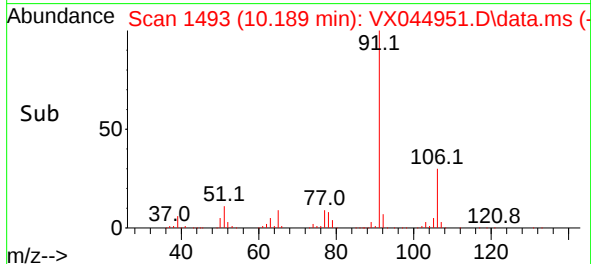
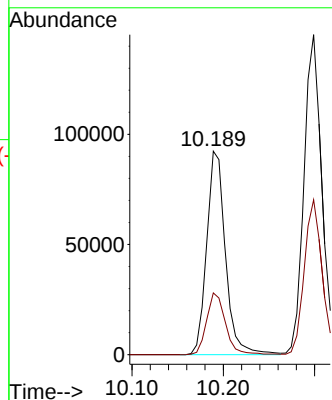
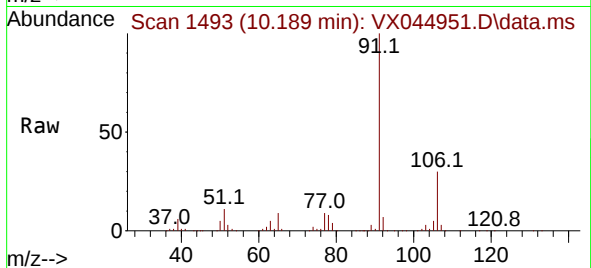
ClientSampleId :

Tgt Ion: 91 Resp: 131698

Ion Ratio Lower Upper

91 100

106 30.3 23.9 35.9



#68

m/p-Xylenes

Concen: 41.113 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044951.D

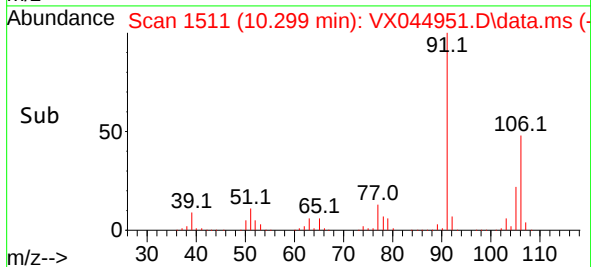
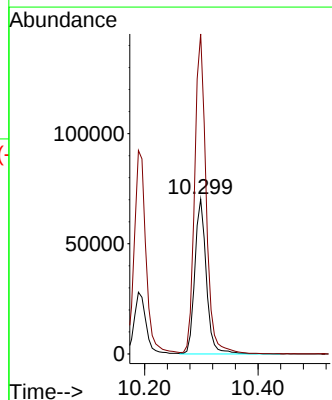
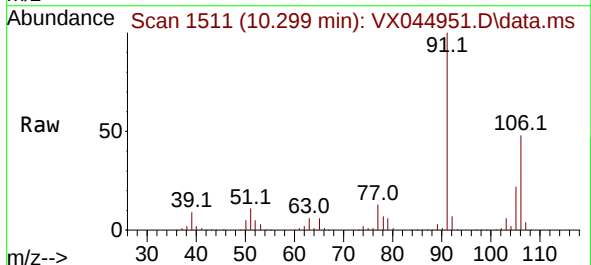
Acq: 14 Feb 2025 11:14

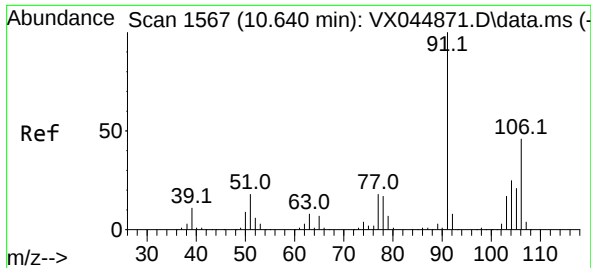
Tgt Ion:106 Resp: 98883

Ion Ratio Lower Upper

106 100

91 205.8 164.3 246.5

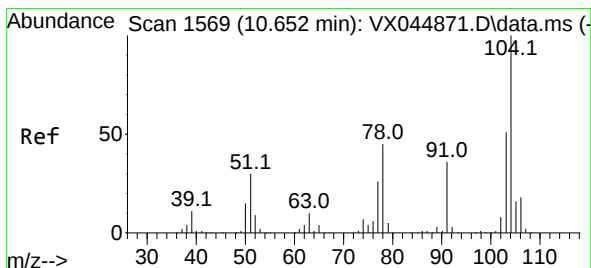
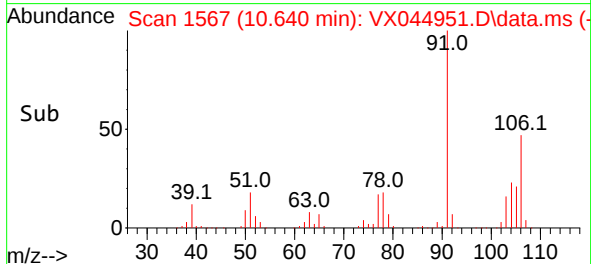
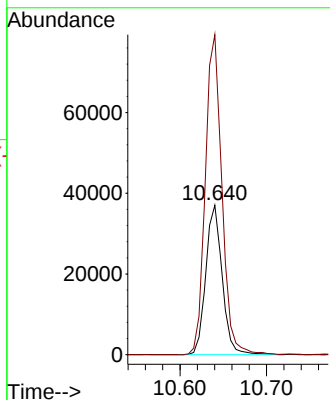
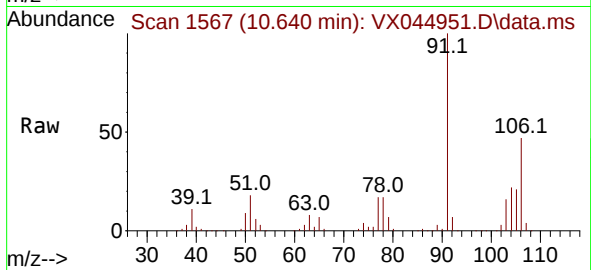




#69  
o-Xylene  
Concen: 20.177 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

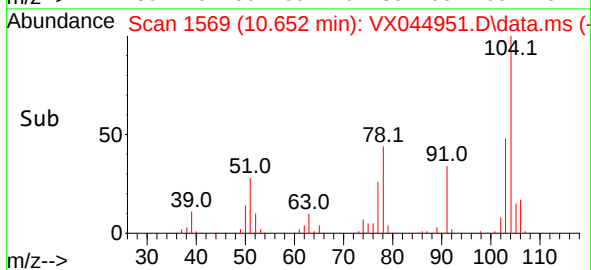
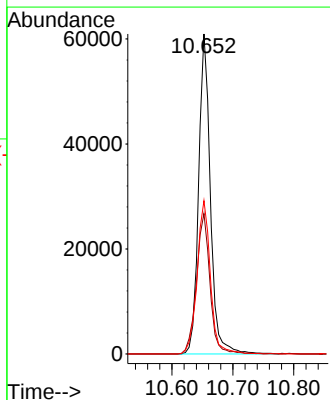
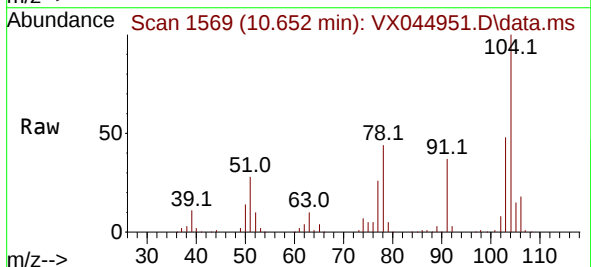
Instrument :  
MSVOA\_X  
ClientSampleId :

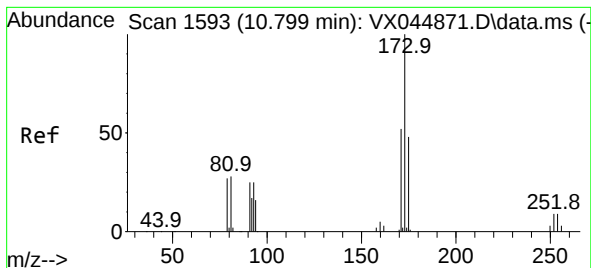
Tgt Ion:106 Resp: 48694  
Ion Ratio Lower Upper  
106 100  
91 217.1 108.5 325.5



#70  
Styrene  
Concen: 21.020 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion:104 Resp: 81730  
Ion Ratio Lower Upper  
104 100  
78 50.5 40.5 60.7  
103 54.2 43.6 65.4





#71

Bromoform

Concen: 20.750 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

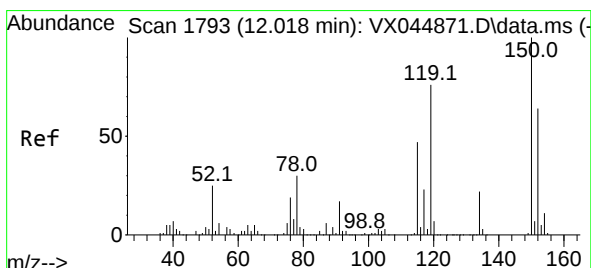
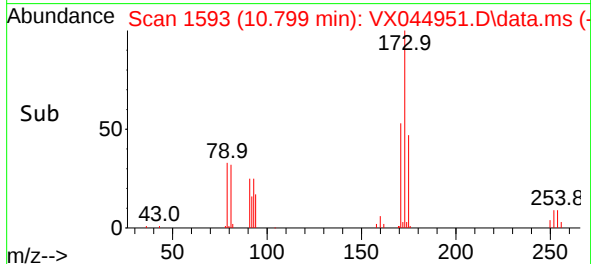
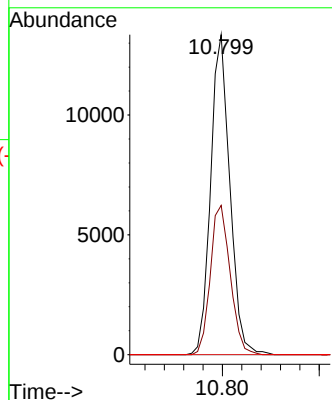
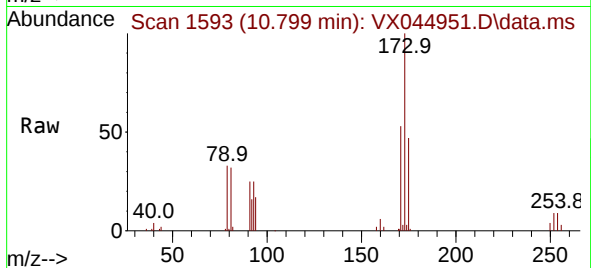
Tgt Ion:173 Resp: 18416

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

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: VX044951.D

Acq: 14 Feb 2025 11:14

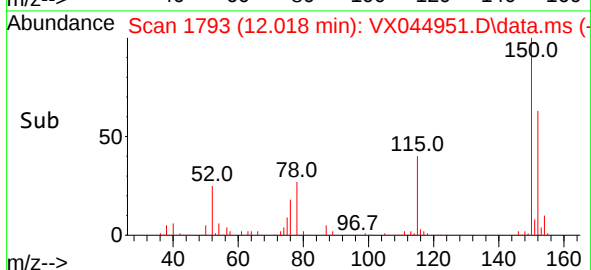
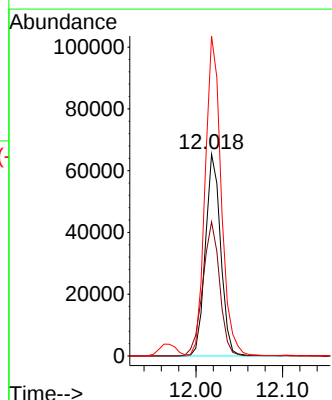
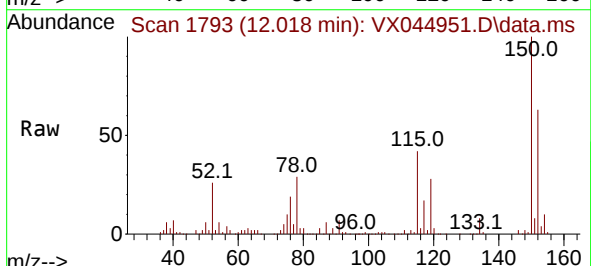
Tgt Ion:152 Resp: 79806

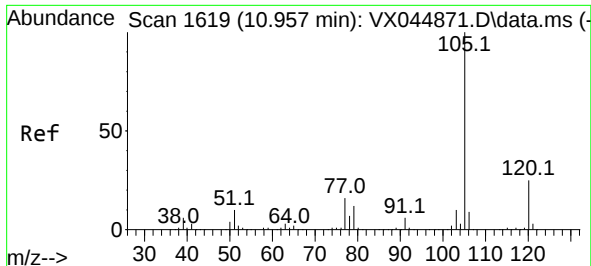
Ion Ratio Lower Upper

152 100

115 73.4 43.4 130.1

150 165.9 0.0 350.4

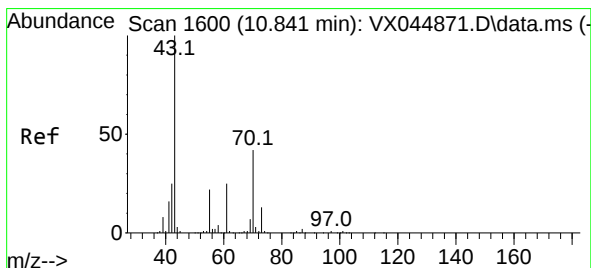
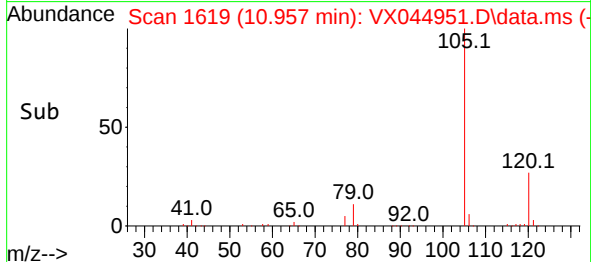
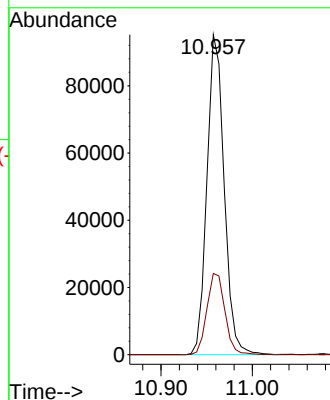
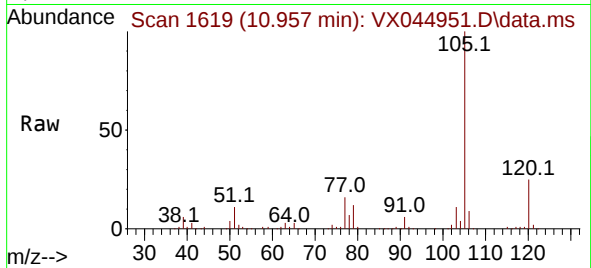




#73  
Isopropylbenzene  
Concen: 19.326 ug/l  
RT: 10.957 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

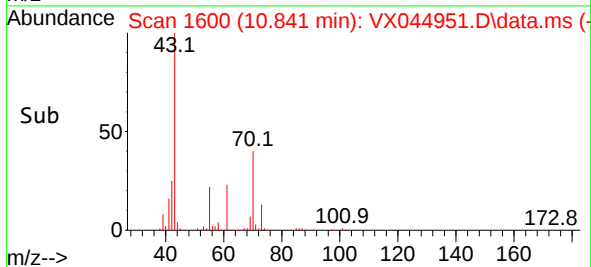
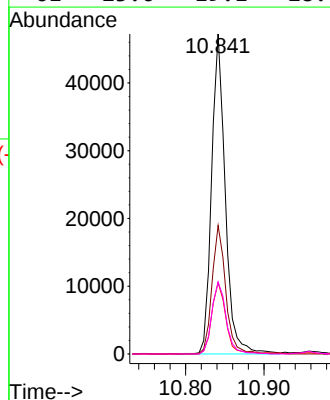
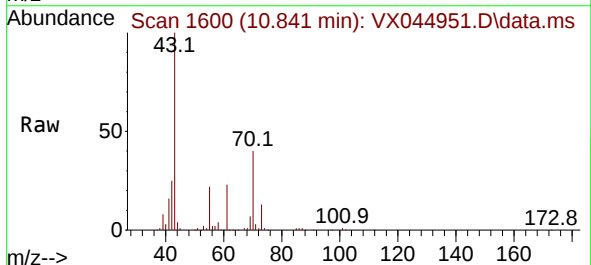
Instrument :  
MSVOA\_X  
ClientSampleId :

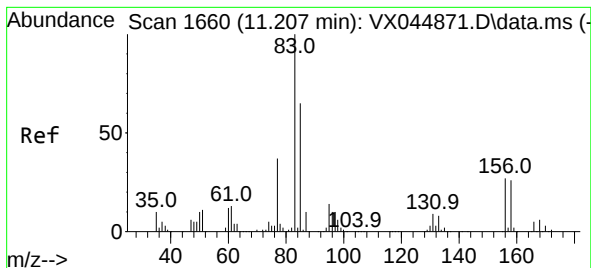
Tgt Ion:105 Resp: 124187  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.2 39.5



#74  
N-ethyl acetate  
Concen: 19.677 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 43 Resp: 57217  
Ion Ratio Lower Upper  
43 100  
70 40.2 33.7 50.5  
55 23.2 18.6 27.8  
61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.979 ug/l

RT: 11.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

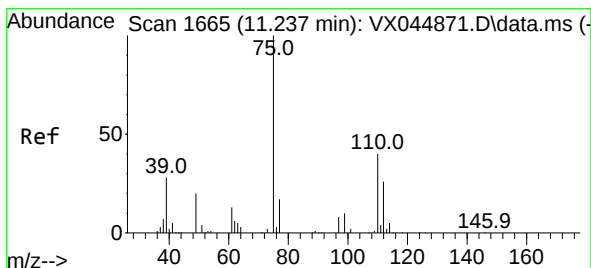
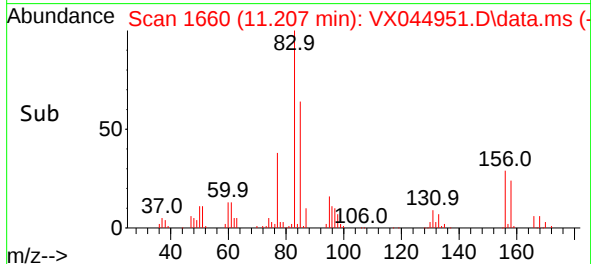
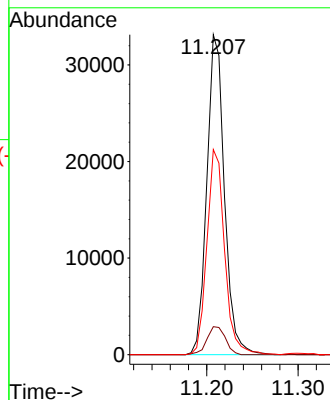
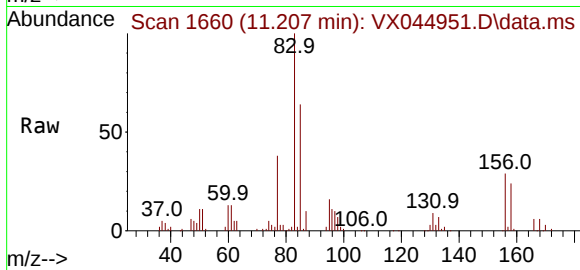
Tgt Ion: 83 Resp: 44116

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.5

85 64.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 26.026 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044951.D

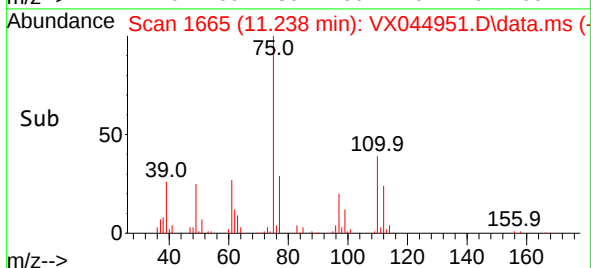
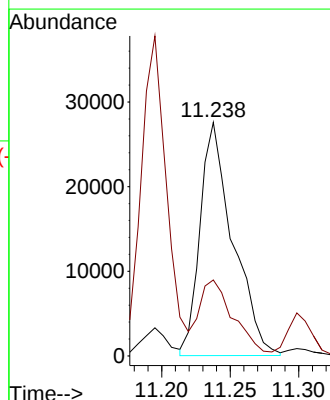
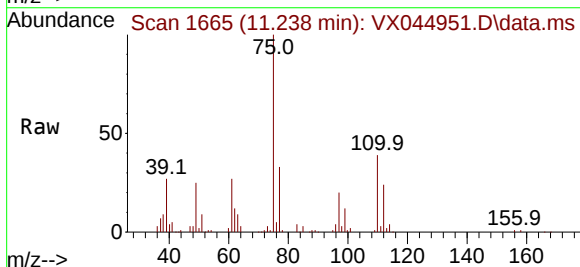
Acq: 14 Feb 2025 11:14

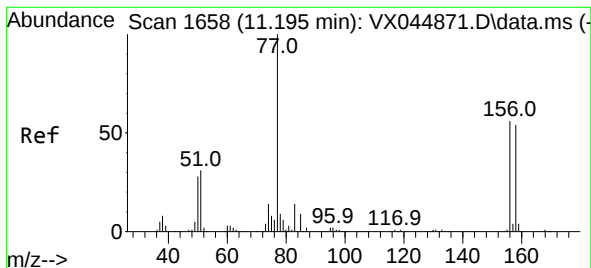
Tgt Ion: 75 Resp: 46051

Ion Ratio Lower Upper

75 100

77 33.8 21.9 65.7





#77

Bromobenzene

Concen: 20.519 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

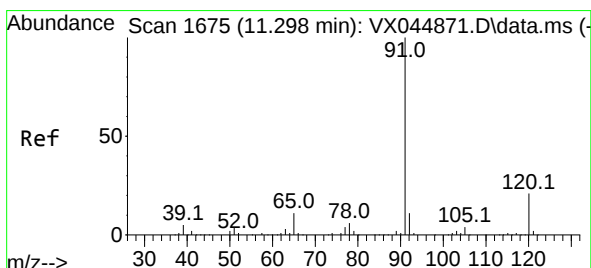
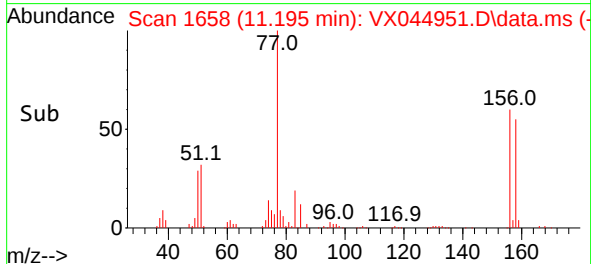
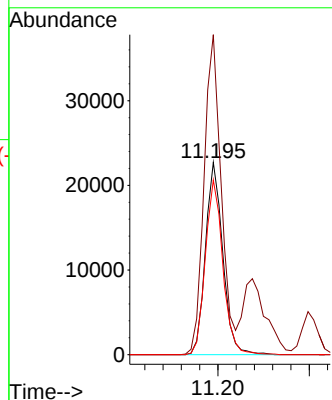
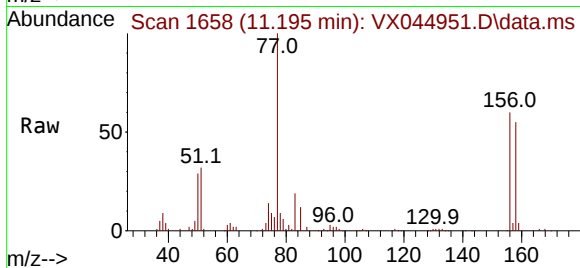
Tgt Ion:156 Resp: 29893

Ion Ratio Lower Upper

156 100

77 164.5 88.4 265.3

158 92.2 48.4 145.2



#78

n-propylbenzene

Concen: 19.510 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX044951.D

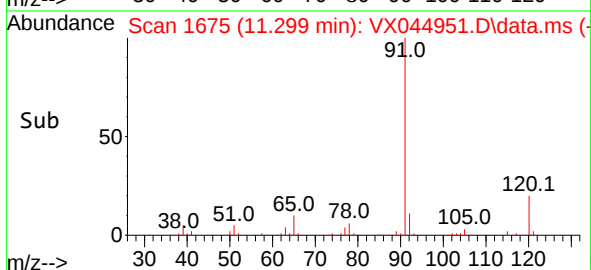
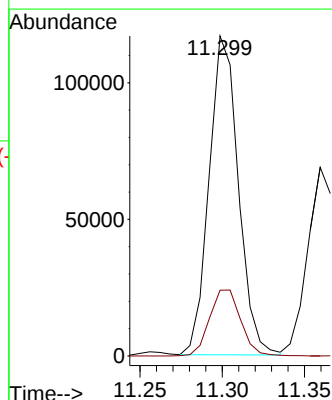
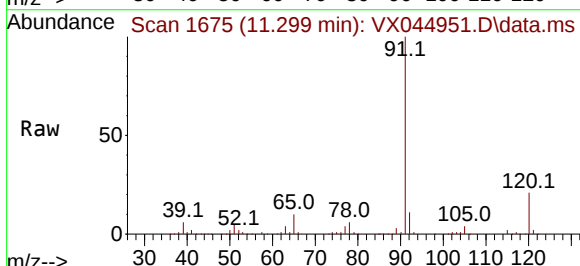
Acq: 14 Feb 2025 11:14

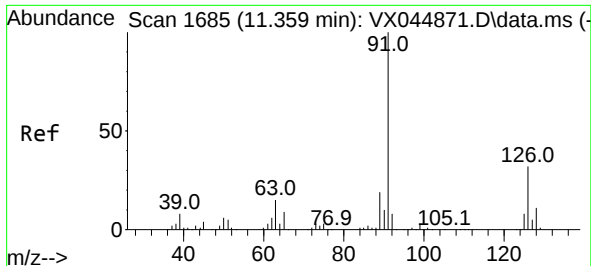
Tgt Ion: 91 Resp: 144703

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3





#79

2-Chlorotoluene

Concen: 19.454 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

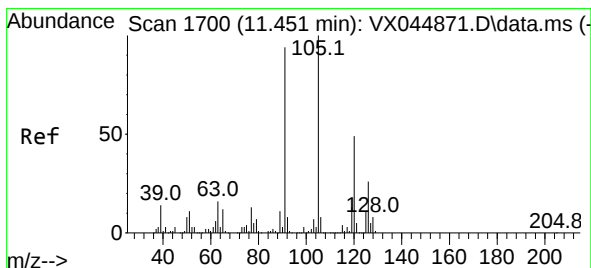
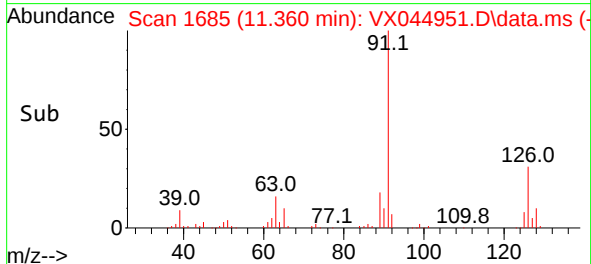
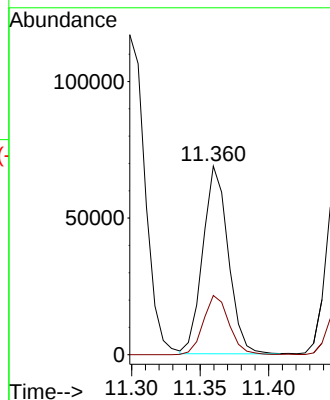
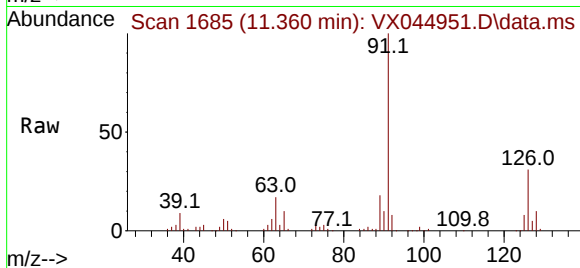
ClientSampleId :

Tgt Ion: 91 Resp: 88678

Ion Ratio Lower Upper

91 100

126 31.9 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.987 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044951.D

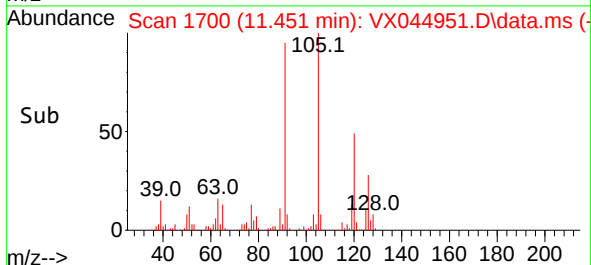
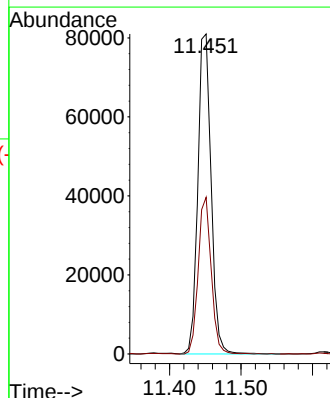
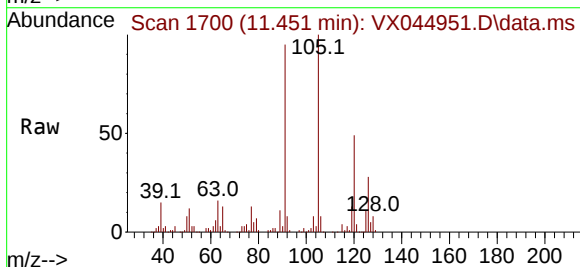
Acq: 14 Feb 2025 11:14

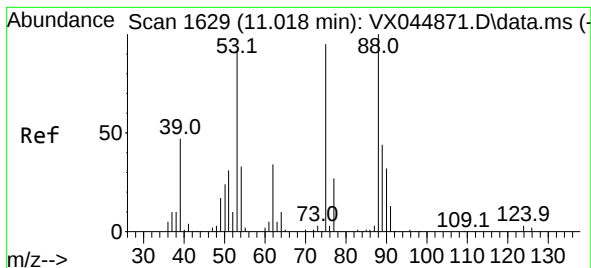
Tgt Ion: 105 Resp: 104223

Ion Ratio Lower Upper

105 100

120 48.0 24.0 72.0

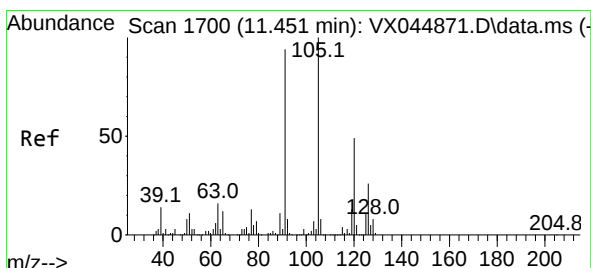
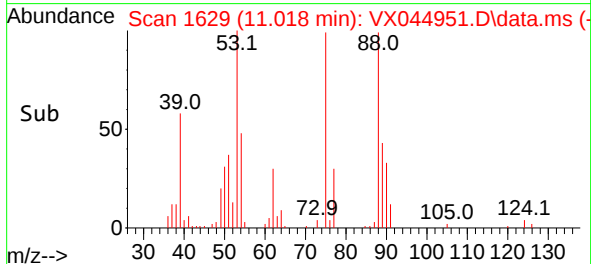
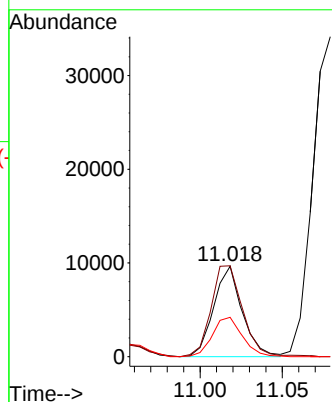
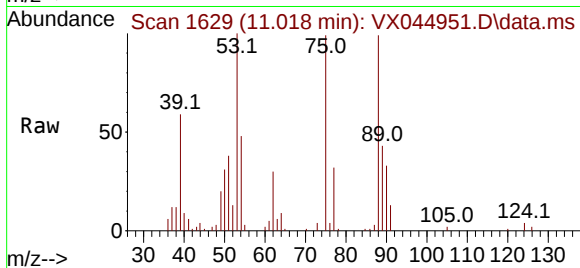




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.914 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

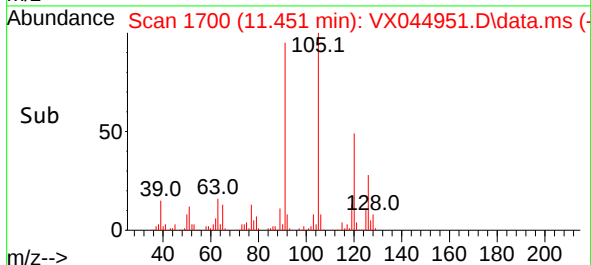
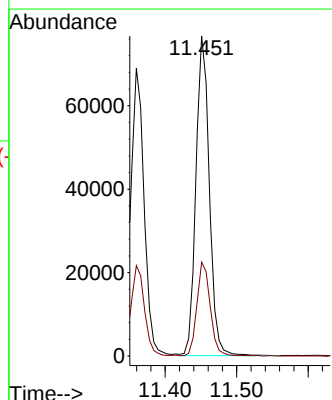
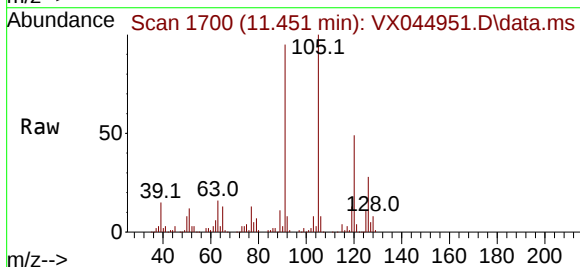
Instrument :  
MSVOA\_X  
ClientSampleId :

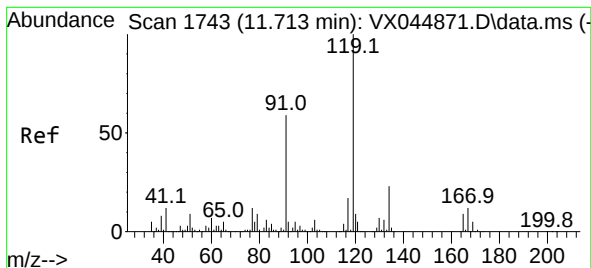
Tgt Ion: 75 Resp: 11634  
Ion Ratio Lower Upper  
75 100  
53 111.0 78.0 117.0  
89 45.9 36.6 54.8



#82  
4-Chlorotoluene  
Concen: 19.736 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion: 91 Resp: 99533  
Ion Ratio Lower Upper  
91 100  
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.838 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

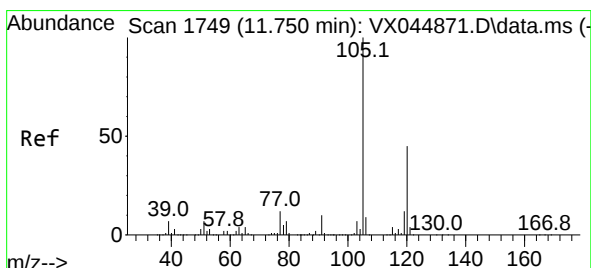
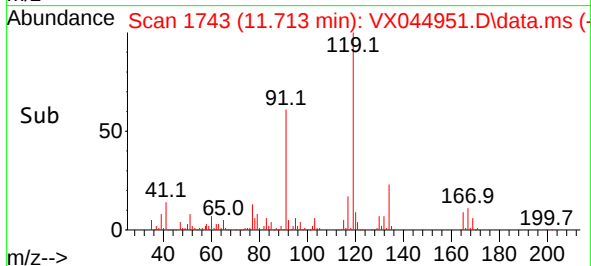
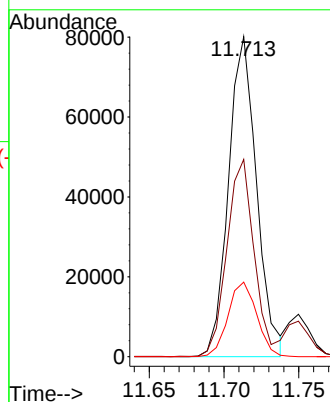
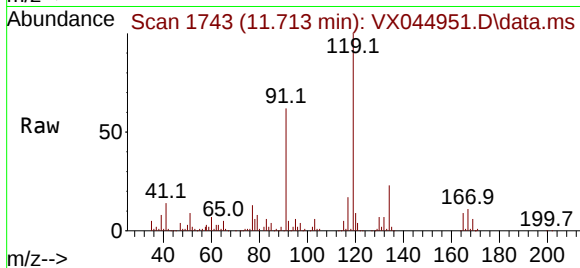
Tgt Ion:119 Resp: 104653

Ion Ratio Lower Upper

119 100

91 59.1 29.1 87.4

134 23.8 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 20.366 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044951.D

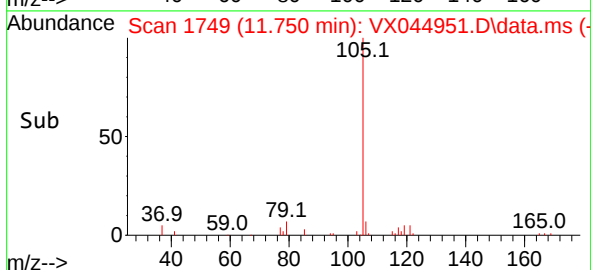
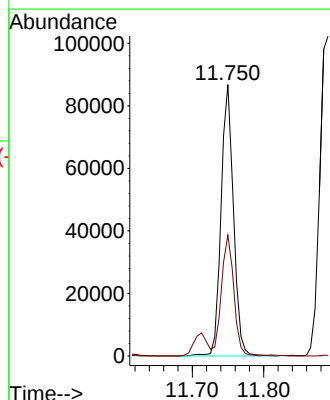
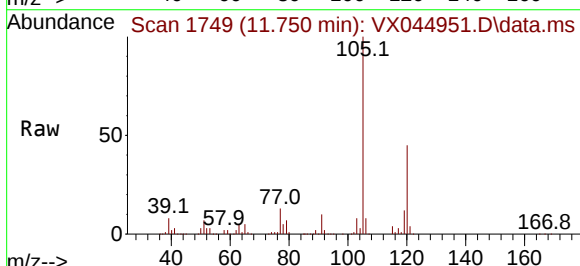
Acq: 14 Feb 2025 11:14

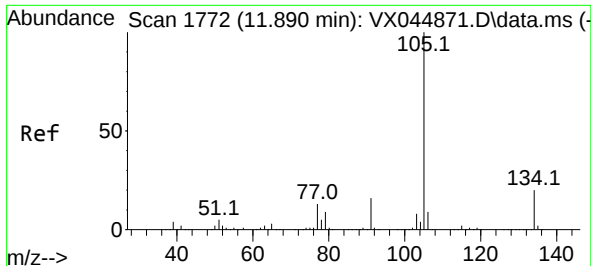
Tgt Ion:105 Resp: 104819

Ion Ratio Lower Upper

105 100

120 44.3 22.4 67.0

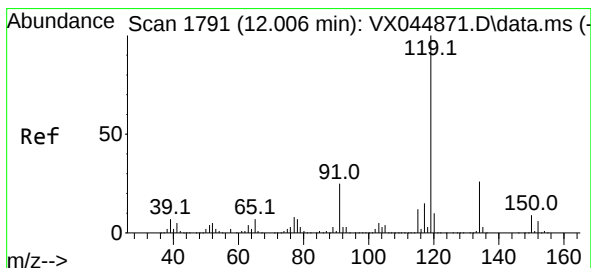
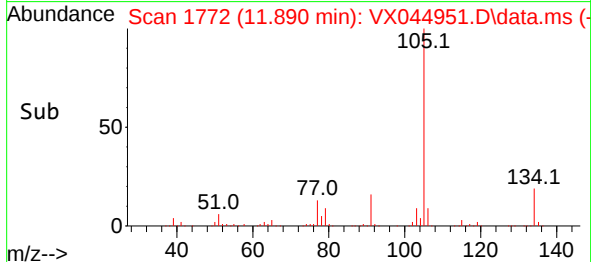
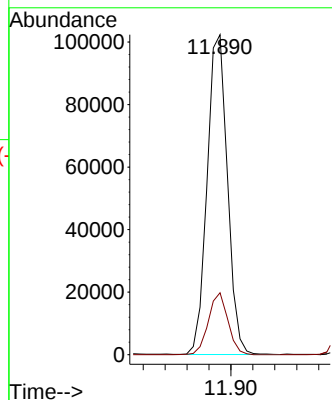
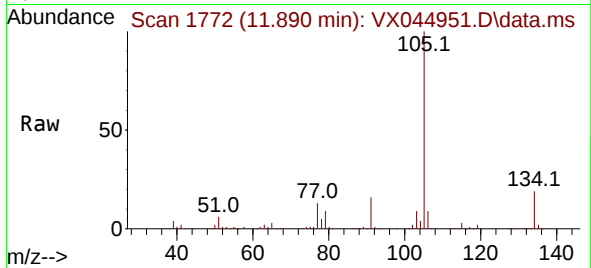




#85  
 sec-Butylbenzene  
 Concen: 20.130 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX044951.D  
 Acq: 14 Feb 2025 11:14

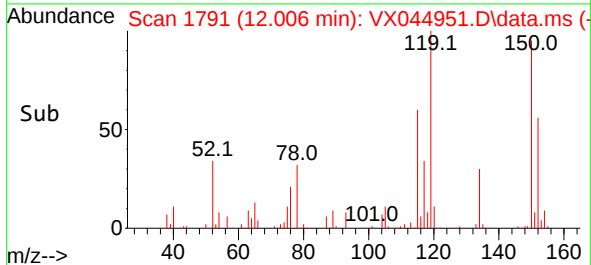
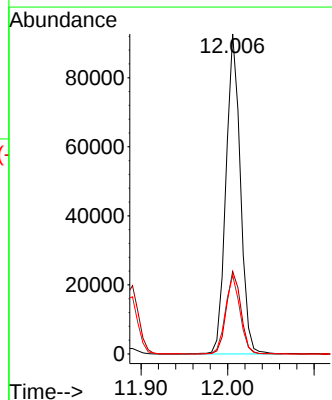
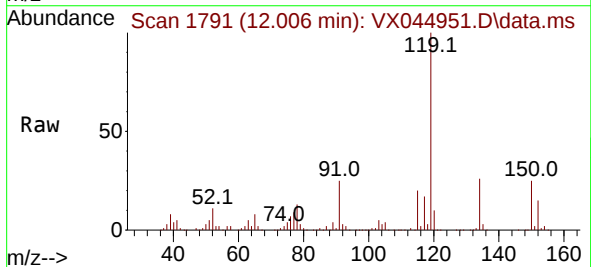
Instrument :  
 MSVOA\_X  
 ClientSampleId :

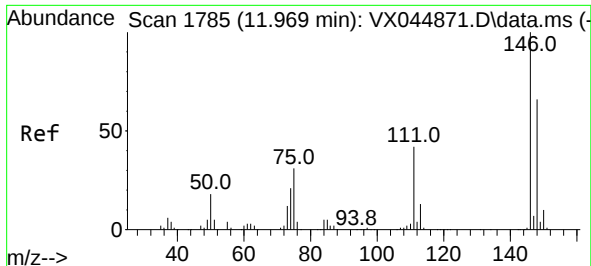
Tgt Ion:105 Resp: 131498  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 20.351 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX044951.D  
 Acq: 14 Feb 2025 11:14

Tgt Ion:119 Resp: 106908  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.0 38.9  
 91 25.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.704 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

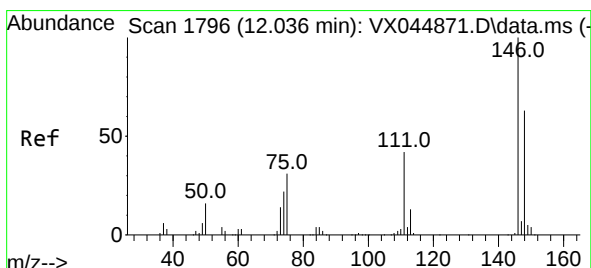
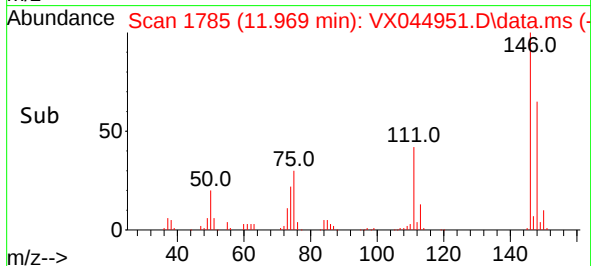
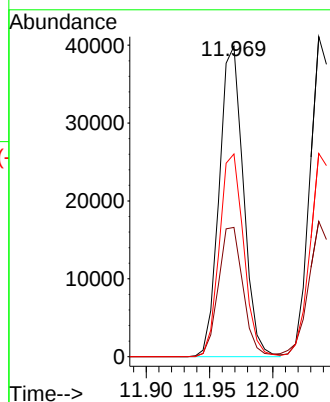
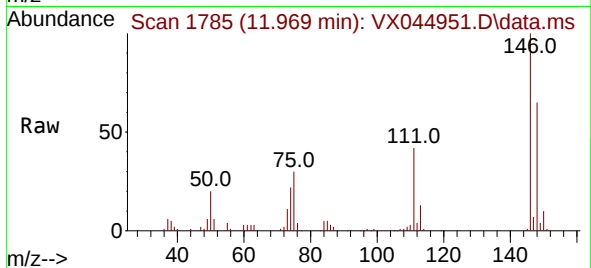
Tgt Ion:146 Resp: 52788

Ion Ratio Lower Upper

146 100

111 42.5 21.2 63.6

148 65.7 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 19.722 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

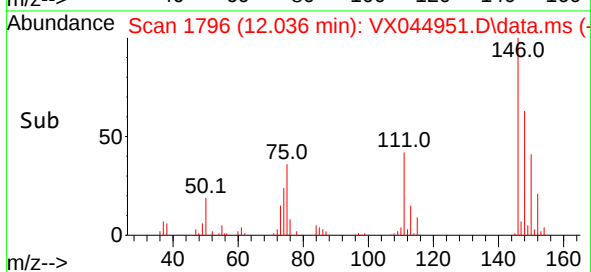
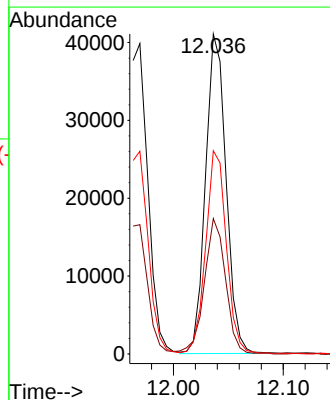
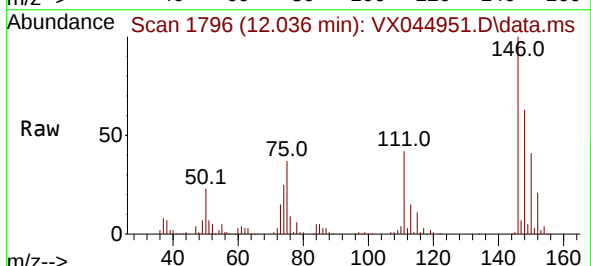
Tgt Ion:146 Resp: 53421

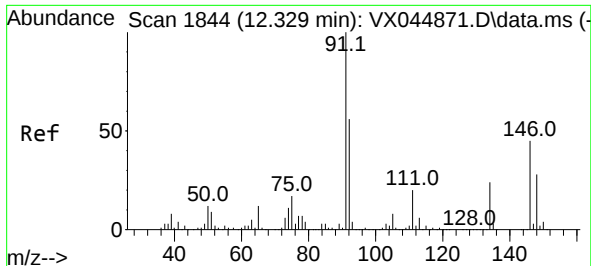
Ion Ratio Lower Upper

146 100

111 43.9 20.4 61.3

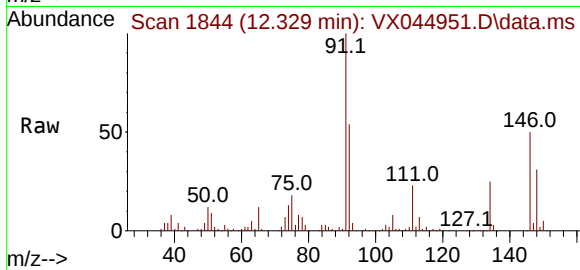
148 64.7 32.0 96.0



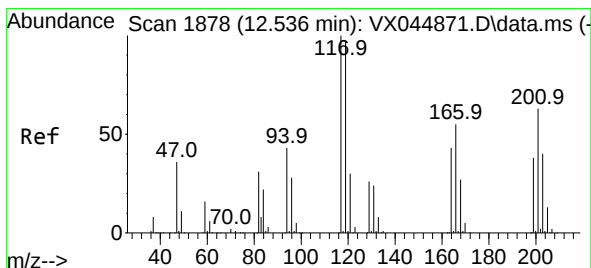
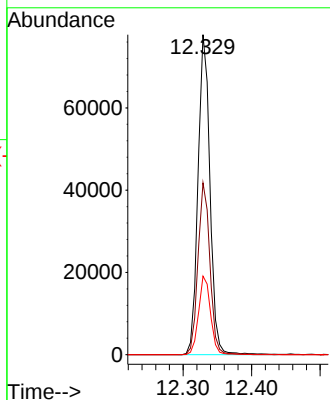
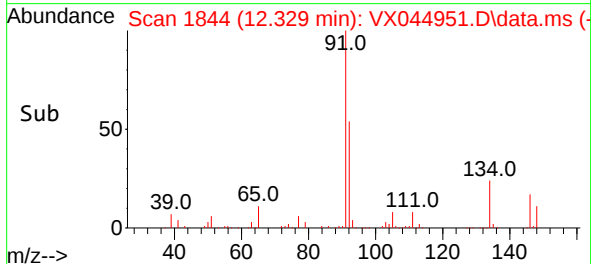


#89  
n-Butylbenzene  
Concen: 20.347 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Instrument :  
MSVOA\_X  
ClientSampleId :

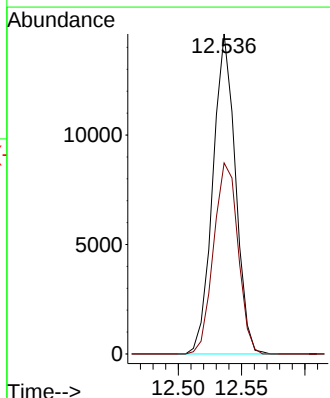
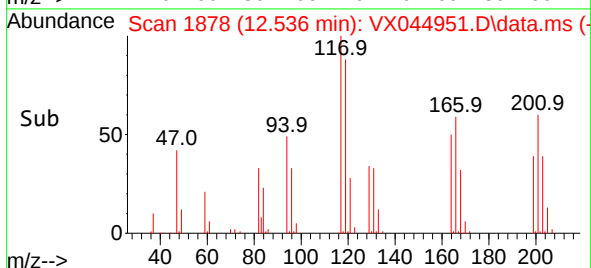
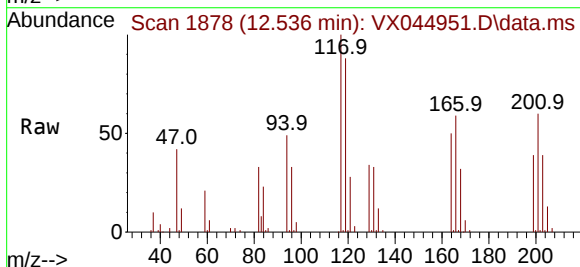


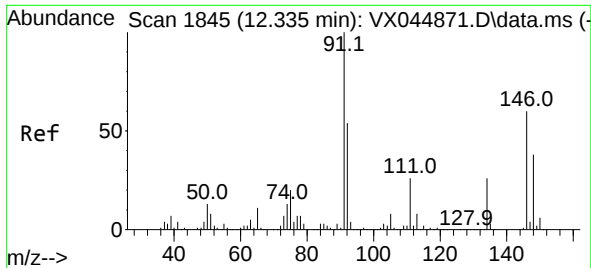
Tgt Ion: 91 Resp: 94562  
Ion Ratio Lower Upper  
91 100  
92 53.6 27.2 81.6  
134 24.6 12.1 36.3



#90  
Hexachloroethane  
Concen: 18.433 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

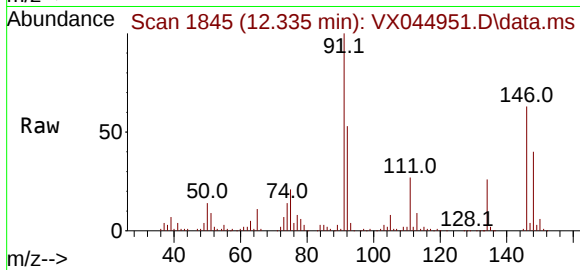
Tgt Ion: 117 Resp: 18131  
Ion Ratio Lower Upper  
117 100  
201 64.5 32.5 97.5



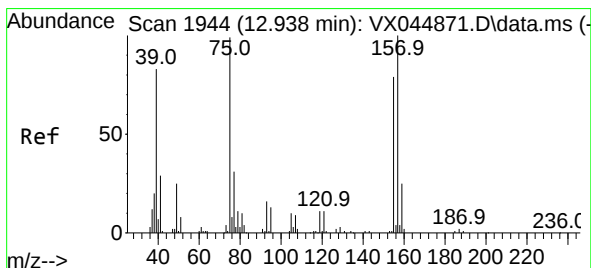
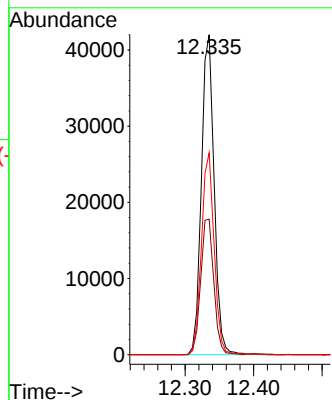
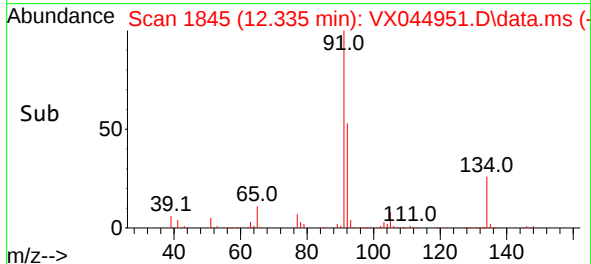


#91  
1,2-Dichlorobenzene  
Concen: 20.701 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

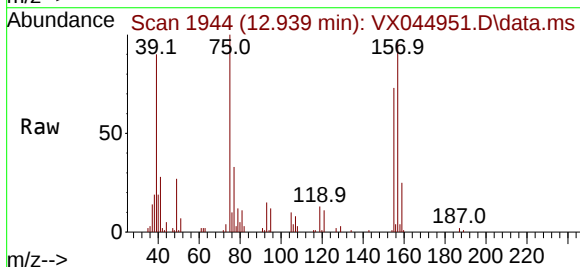
Instrument :  
MSVOA\_X  
ClientSampleId :



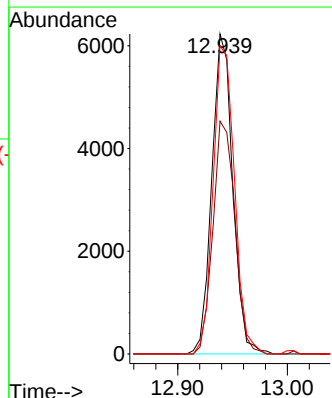
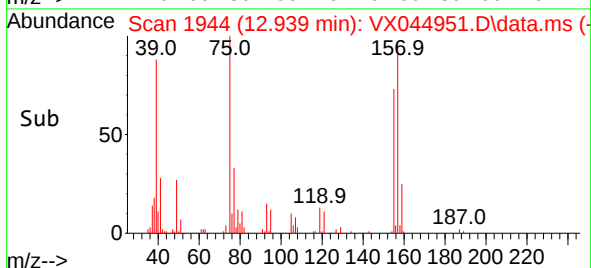
Tgt Ion:146 Resp: 54507  
Ion Ratio Lower Upper  
146 100  
111 43.5 21.8 65.4  
148 62.8 31.9 95.9

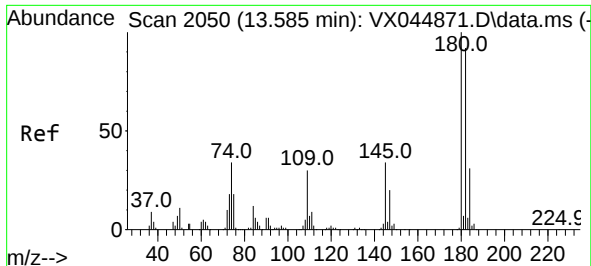


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.471 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14



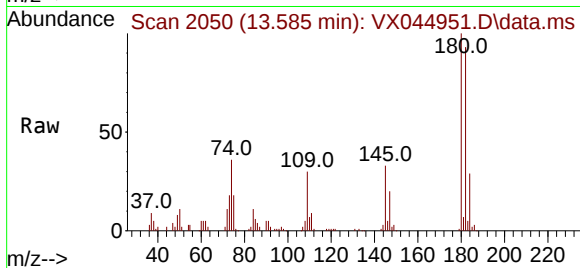
Tgt Ion: 75 Resp: 8250  
Ion Ratio Lower Upper  
75 100  
155 76.7 40.5 121.4  
157 98.5 51.4 154.3



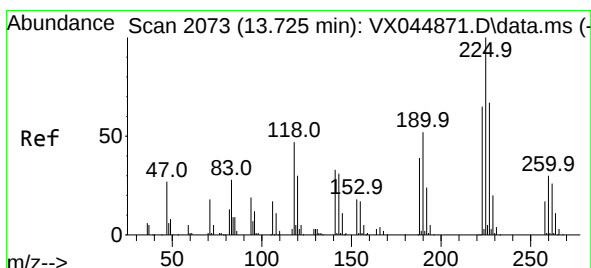
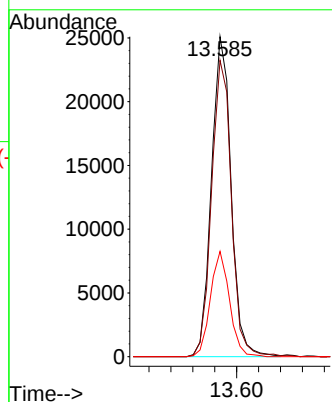
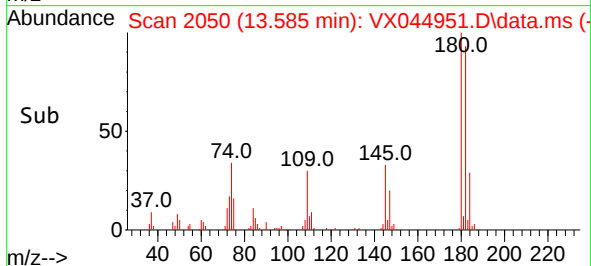


#93  
1,2,4-Trichlorobenzene  
Concen: 19.589 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Instrument :  
MSVOA\_X  
ClientSampleId :

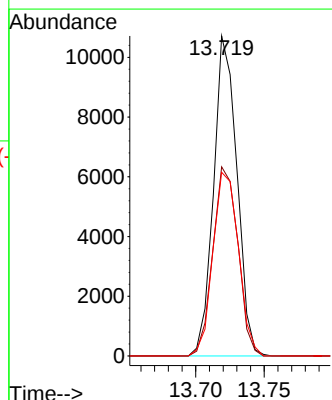
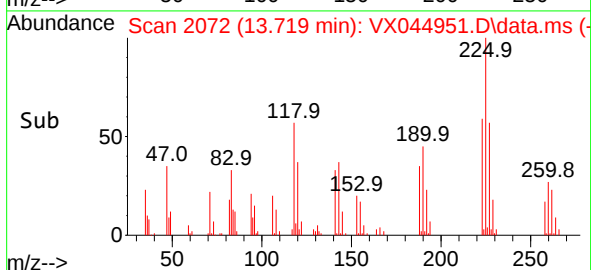
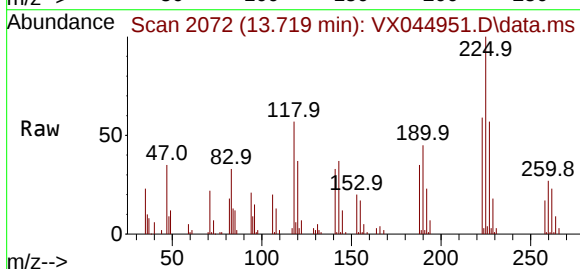


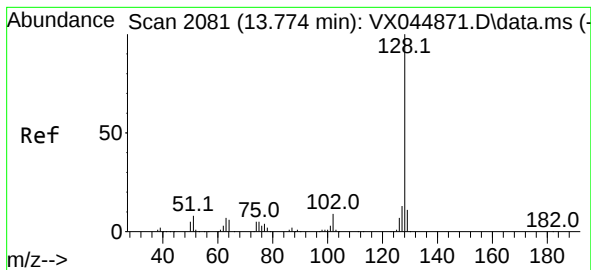
Tgt Ion:180 Resp: 31211  
Ion Ratio Lower Upper  
180 100  
182 93.6 47.6 142.8  
145 32.0 16.4 49.1



#94  
Hexachlorobutadiene  
Concen: 20.018 ug/l  
RT: 13.719 min Scan# 2072  
Delta R.T. -0.006 min  
Lab File: VX044951.D  
Acq: 14 Feb 2025 11:14

Tgt Ion:225 Resp: 12661  
Ion Ratio Lower Upper  
225 100  
223 63.3 31.4 94.2  
227 63.0 32.3 96.8





#95

Naphthalene

Concen: 19.835 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA\_X

ClientSampleId :

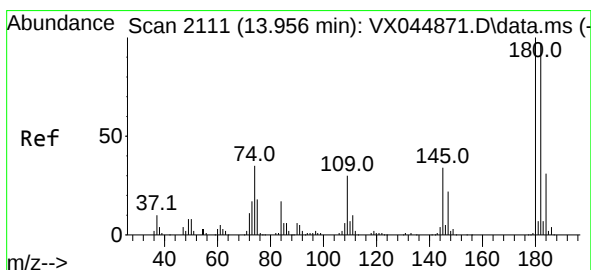
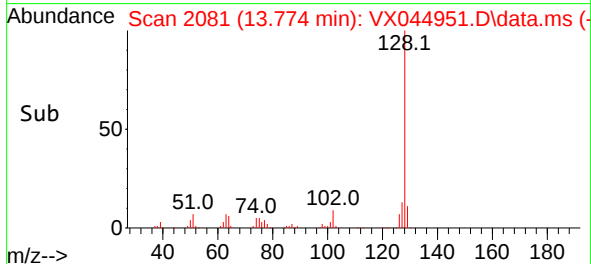
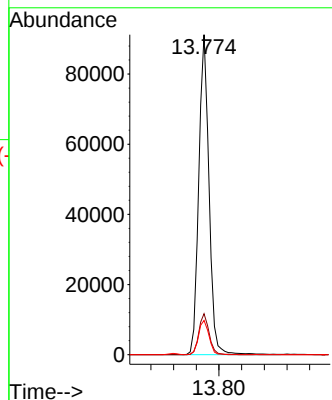
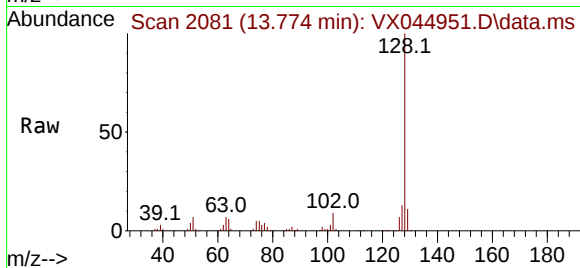
Tgt Ion:128 Resp: 114238

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.099 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Tgt Ion:180 Resp: 32268

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 33.4 17.1 51.3

