

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091925\  
 Data File : VX047660.D  
 Acq On : 19 Sep 2025 09:22  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 20 00:25:05 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 5.532          | 168  | 168285     | 50.000  | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene      | 6.739          | 114  | 306730     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.037         | 117  | 272268     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006         | 152  | 129778     | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.934          | 65   | 131043     | 48.921  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 97.840% |        |          |
| 35) Dibromofluoromethane     | 5.367          | 113  | 100766     | 48.985  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 97.960% |        |          |
| 50) Toluene-d8               | 8.629          | 98   | 344123     | 48.346  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 96.700% |        |          |
| 62) 4-Bromofluorobenzene     | 11.061         | 95   | 130212     | 48.202  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 96.400% |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173          | 85   | 109308     | 62.726  | ug/l   | 98       |
| 3) Chloromethane             | 1.301          | 50   | 133876     | 58.454  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.380          | 62   | 128689     | 57.401  | ug/l   | 100      |
| 5) Bromomethane              | 1.618          | 94   | 85593      | 60.207  | ug/l   | 96       |
| 6) Chloroethane              | 1.691          | 64   | 81959      | 54.697  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.892          | 101  | 177530     | 53.331  | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136          | 74   | 72507      | 53.247  | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 101931     | 52.368  | ug/l   | 100      |
| 10) Methyl Iodide            | 2.453          | 142  | 161075     | 53.061  | ug/l   | 100      |
| 11) Tert butyl alcohol       | 2.941          | 59   | 76492      | 256.398 | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 2.325          | 96   | 106990     | 53.511  | ug/l   | 96       |
| 13) Acrolein                 | 2.233          | 56   | 76226      | 277.267 | ug/l   | 100      |
| 14) Allyl chloride           | 2.660          | 41   | 214937     | 52.096  | ug/l   | 98       |
| 15) Acrylonitrile            | 3.056          | 53   | 309800     | 280.351 | ug/l   | 99       |
| 16) Acetone                  | 2.374          | 43   | 311710     | 267.632 | ug/l   | 100      |
| 17) Carbon Disulfide         | 2.514          | 76   | 312779     | 57.144  | ug/l   | 97       |
| 18) Methyl Acetate           | 2.697          | 43   | 138468     | 53.421  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 3.105          | 73   | 382912     | 52.463  | ug/l   | 100      |
| 20) Methylene Chloride       | 2.782          | 84   | 128420     | 52.090  | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 116131     | 53.949  | ug/l   | 98       |
| 22) Diisopropyl ether        | 3.745          | 45   | 424760     | 53.122  | ug/l   | 87       |
| 23) Vinyl Acetate            | 3.709          | 43   | 1775588    | 277.456 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.599          | 63   | 223923     | 52.689  | ug/l   | 97       |
| 25) 2-Butanone               | 4.532          | 43   | 392796     | 270.370 | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.465          | 77   | 182677     | 51.709  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.477          | 96   | 139356     | 52.862  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.879          | 49   | 102961     | 55.493  | ug/l   | 99       |
| 29) Tetrahydrofuran          | 4.983          | 42   | 240704     | 275.412 | ug/l   | 99       |
| 30) Chloroform               | 5.074          | 83   | 224397     | 52.250  | ug/l   | 99       |
| 31) Cyclohexane              | 5.452          | 56   | 180483     | 50.989  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.367          | 97   | 187258     | 51.405  | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 5.672          | 75   | 148709     | 49.472  | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.690          | 43   | 167930     | 52.177  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.660          | 117  | 158068     | 48.399  | ug/l   | 96       |
| 39) Methylcyclohexane        | 7.361          | 83   | 173329     | 50.798  | ug/l   | 98       |
| 40) Benzene                  | 6.019          | 78   | 469978     | 51.478  | ug/l   | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 20 00:25:05 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|----------|----------|-------|----------|
| 41) Methacrylonitrile         | 4.898  | 41   | 89756    | 54.019   | ug/l  | 98       |
| 42) 1,2-Dichloroethane        | 6.068  | 62   | 173829   | 50.041   | ug/l  | 99       |
| 43) Isopropyl Acetate         | 6.318  | 43   | 269858   | 51.124   | ug/l  | 99       |
| 44) Trichloroethene           | 7.104  | 130  | 113653   | 51.491   | ug/l  | 100      |
| 45) 1,2-Dichloropropane       | 7.409  | 63   | 118540   | 50.706   | ug/l  | 99       |
| 46) Dibromomethane            | 7.562  | 93   | 87295    | 51.314   | ug/l  | 99       |
| 47) Bromodichloromethane      | 7.799  | 83   | 177916   | 50.681   | ug/l  | 98       |
| 48) Methyl methacrylate       | 7.671  | 41   | 135518   | 51.542   | ug/l  | 99       |
| 49) 1,4-Dioxane               | 7.641  | 88   | 33615    | 1265.071 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 772605   | 263.992  | ug/l  | 100      |
| 52) Toluene                   | 8.702  | 92   | 285358   | 50.732   | ug/l  | 99       |
| 53) t-1,3-Dichloropropene     | 8.958  | 75   | 184125   | 51.420   | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene   | 8.348  | 75   | 198129   | 51.767   | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane     | 9.135  | 97   | 110081   | 50.755   | ug/l  | 98       |
| 56) Ethyl methacrylate        | 9.098  | 69   | 181056   | 53.155   | ug/l  | 96       |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 193901   | 52.043   | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.220  | 63   | 426594   | 261.332  | ug/l  | 100      |
| 59) 2-Hexanone                | 9.415  | 43   | 551745   | 262.497  | ug/l  | 98       |
| 60) Dibromochloromethane      | 9.500  | 129  | 129786   | 51.934   | ug/l  | 100      |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 117326   | 53.110   | ug/l  | 99       |
| 64) Tetrachloroethene         | 9.257  | 164  | 86883    | 48.951   | ug/l  | 98       |
| 65) Chlorobenzene             | 10.061 | 112  | 308645   | 49.899   | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131  | 107031   | 50.145   | ug/l  | 100      |
| 67) Ethyl Benzene             | 10.177 | 91   | 536224   | 50.244   | ug/l  | 100      |
| 68) m/p-Xylenes               | 10.281 | 106  | 400119   | 100.725  | ug/l  | 99       |
| 69) o-Xylene                  | 10.622 | 106  | 194487   | 50.618   | ug/l  | 99       |
| 70) Styrene                   | 10.634 | 104  | 346312   | 51.440   | ug/l  | 98       |
| 71) Bromoform                 | 10.781 | 173  | 81077    | 50.872   | ug/l  | 99       |
| 73) Isopropylbenzene          | 10.945 | 105  | 493376   | 50.005   | ug/l  | 99       |
| 74) N-amyl acetate            | 10.823 | 43   | 234901   | 52.208   | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 154912   | 51.895   | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane    | 11.220 | 75   | 174114   | 66.263   | ug/l  | 92       |
| 77) Bromobenzene              | 11.177 | 156  | 121922   | 50.172   | ug/l  | 99       |
| 78) n-propylbenzene           | 11.287 | 91   | 583388   | 50.018   | ug/l  | 99       |
| 79) 2-Chlorotoluene           | 11.348 | 91   | 356287   | 49.875   | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 409554   | 50.523   | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 51972    | 50.440   | ug/l  | 99       |
| 82) 4-Chlorotoluene           | 11.433 | 91   | 421274   | 49.932   | ug/l  | 99       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 399938   | 48.196   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 415095   | 50.508   | ug/l  | 100      |
| 85) sec-Butylbenzene          | 11.872 | 105  | 489102   | 49.622   | ug/l  | 100      |
| 86) p-Isopropyltoluene        | 11.988 | 119  | 415198   | 49.757   | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 226308   | 50.139   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 227633   | 49.138   | ug/l  | 99       |
| 89) n-Butylbenzene            | 12.311 | 91   | 386234   | 50.022   | ug/l  | 99       |
| 90) Hexachloroethane          | 12.518 | 117  | 73125    | 49.913   | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 215367   | 50.084   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 31345    | 51.864   | ug/l  | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 141532   | 50.643   | ug/l  | 100      |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 47423    | 49.957   | ug/l  | 99       |
| 95) Naphthalene               | 13.756 | 128  | 428676   | 50.373   | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.939 | 180  | 133374   | 51.304   | ug/l  | 99       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

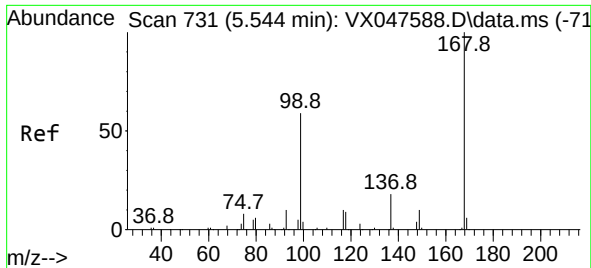
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Sep 20 00:25:05 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration

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

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

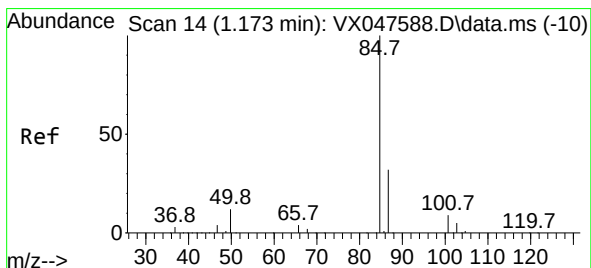
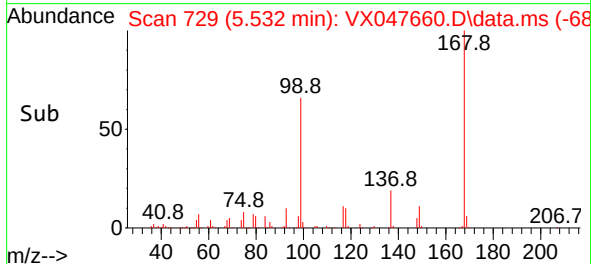
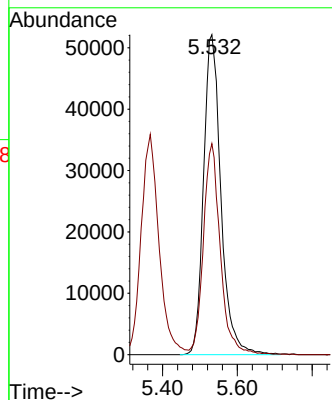
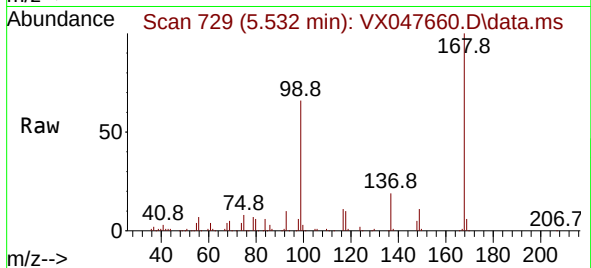




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.532 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

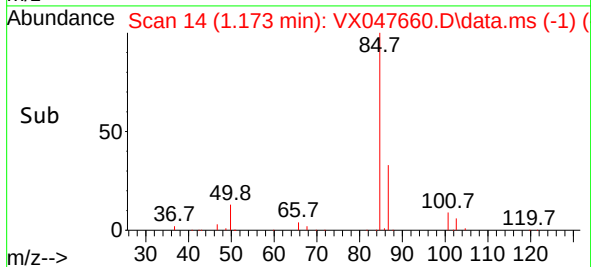
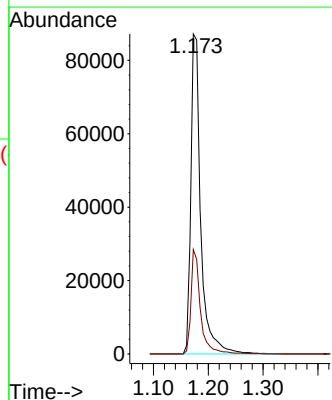
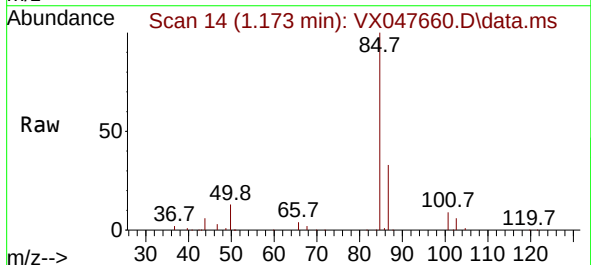
Instrument :  
MSVOA\_X  
ClientSampleId :

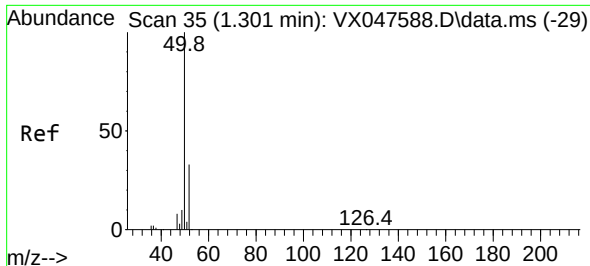
Tgt Ion:168 Resp: 168285  
Ion Ratio Lower Upper  
168 100  
99 65.8 48.8 73.2



#2  
Dichlorodifluoromethane  
Concen: 62.726 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 85 Resp: 109308  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.8 47.3

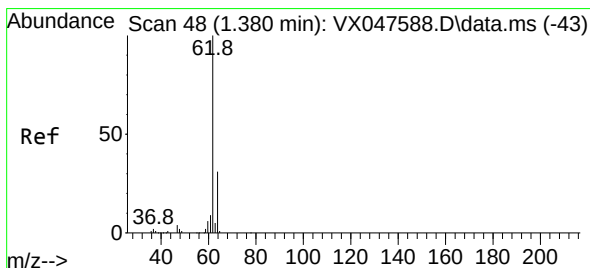
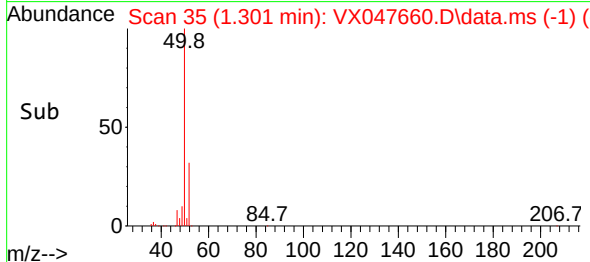
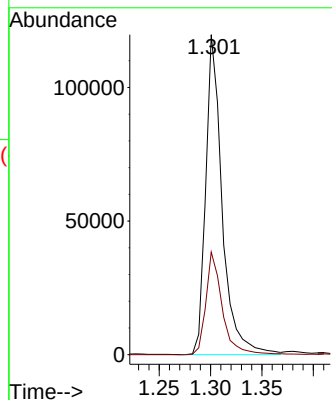
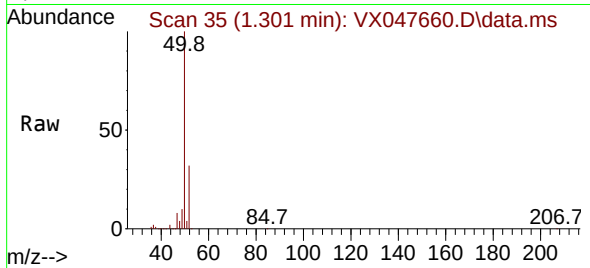




#3  
Chloromethane  
Concen: 58.454 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

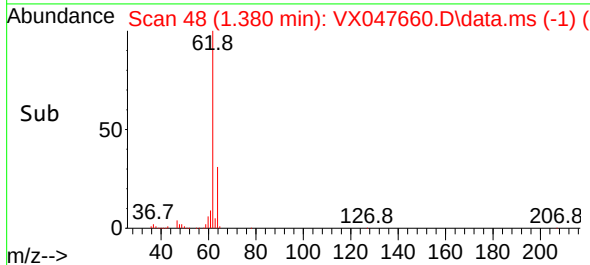
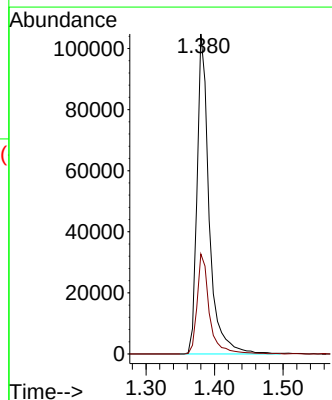
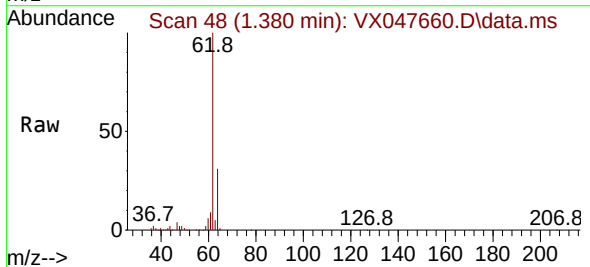
Instrument :  
MSVOA\_X  
ClientSampleId :

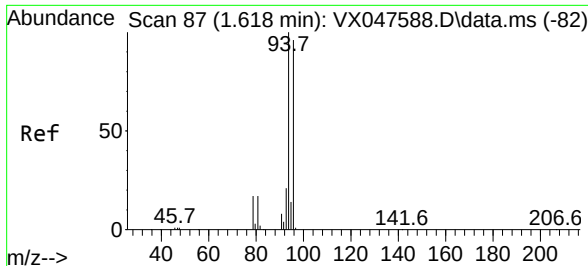
Tgt Ion: 50 Resp: 133876  
Ion Ratio Lower Upper  
50 100  
52 32.1 26.1 39.1



#4  
Vinyl Chloride  
Concen: 57.401 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 62 Resp: 128689  
Ion Ratio Lower Upper  
62 100  
64 31.2 24.9 37.3

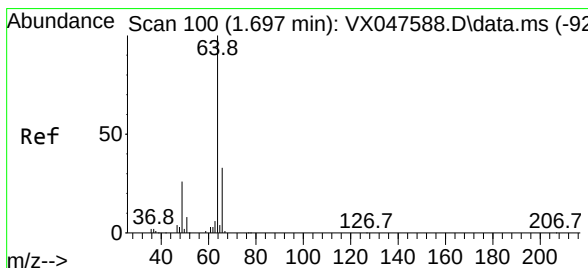
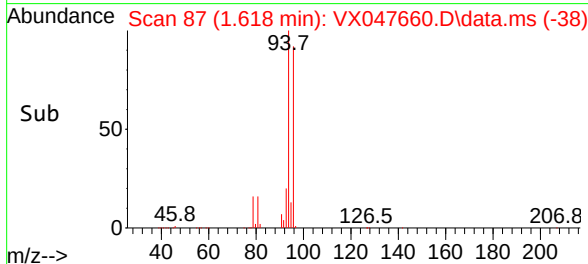
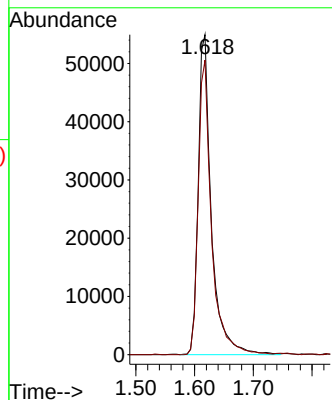
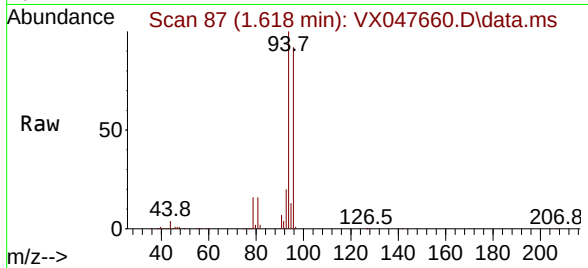




#5  
Bromomethane  
Concen: 60.207 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

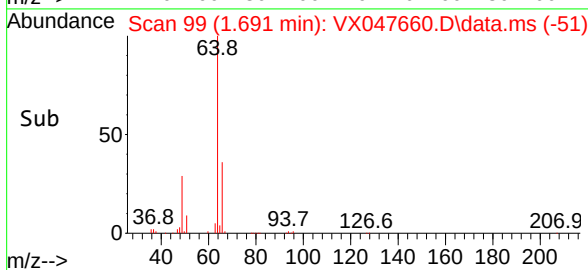
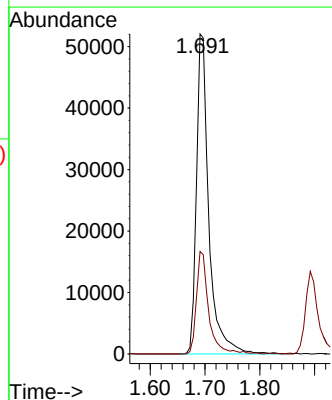
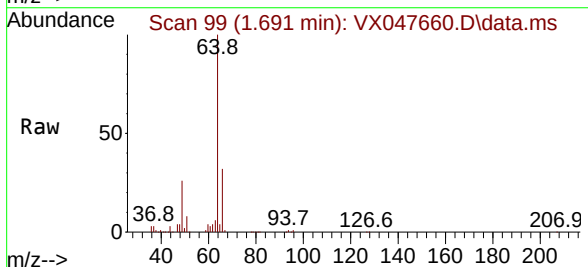
Instrument :  
MSVOA\_X  
ClientSampleId :

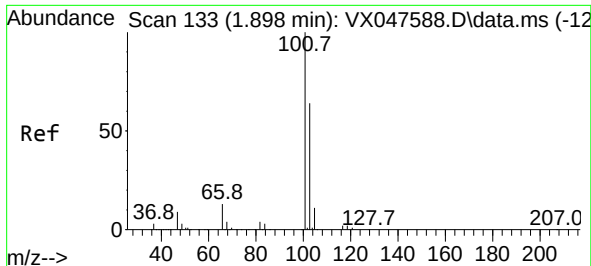
Tgt Ion: 94 Resp: 85593  
Ion Ratio Lower Upper  
94 100  
96 92.0 76.6 115.0



#6  
Chloroethane  
Concen: 54.697 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 64 Resp: 81959  
Ion Ratio Lower Upper  
64 100  
66 32.0 26.1 39.1

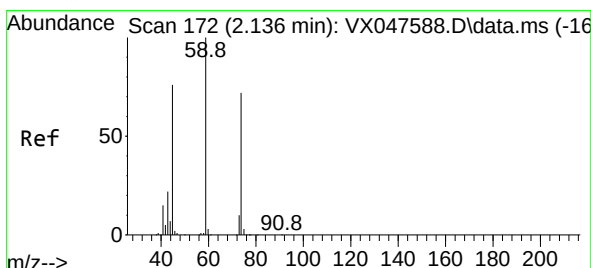
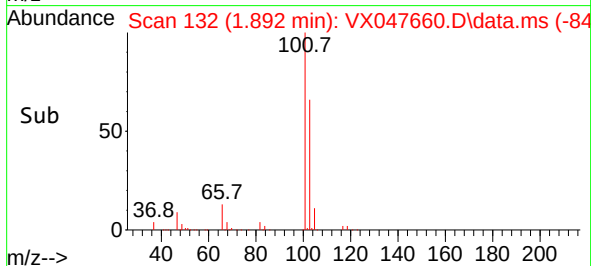
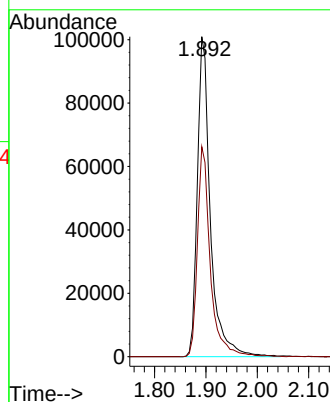
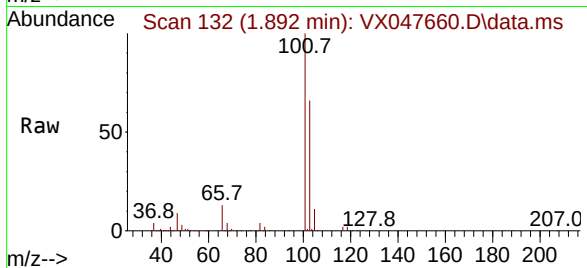




#7  
Trichlorofluoromethane  
Concen: 53.331 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

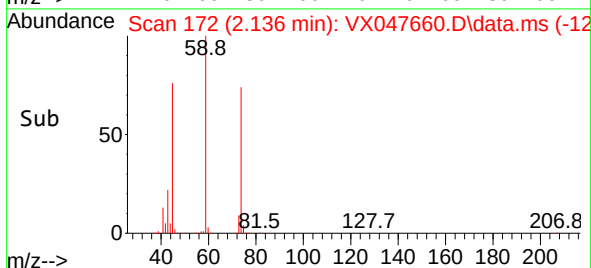
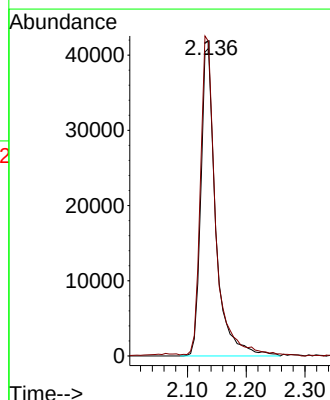
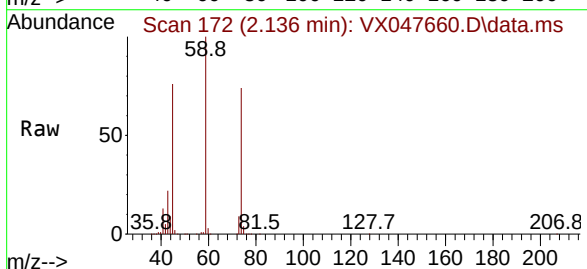
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:101 Resp: 177530  
Ion Ratio Lower Upper  
101 100  
103 65.6 51.4 77.2

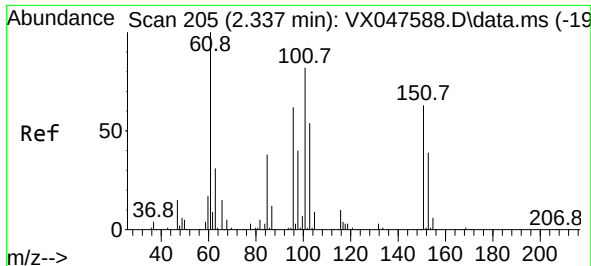


#8  
Diethyl Ether  
Concen: 53.247 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 74 Resp: 72507  
Ion Ratio Lower Upper  
74 100  
45 106.8 52.3 156.8



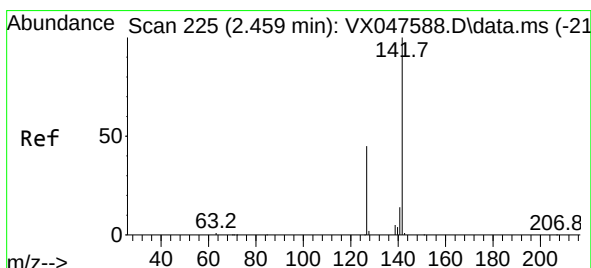
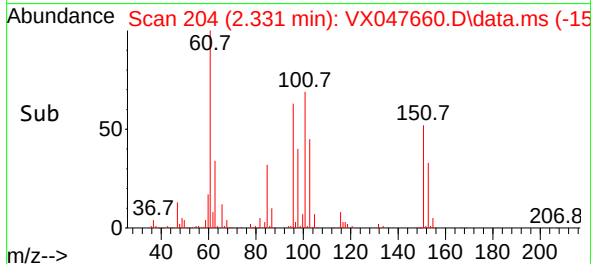
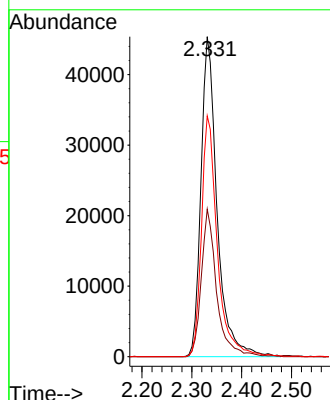
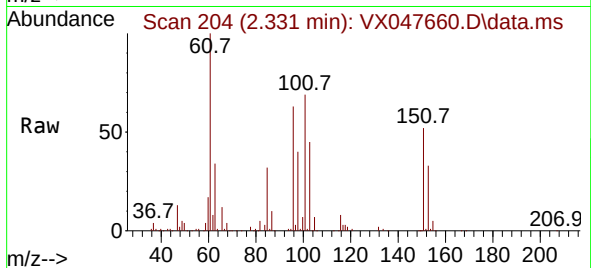




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.368 ug/l  
RT: 2.331 min Scan# 205  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

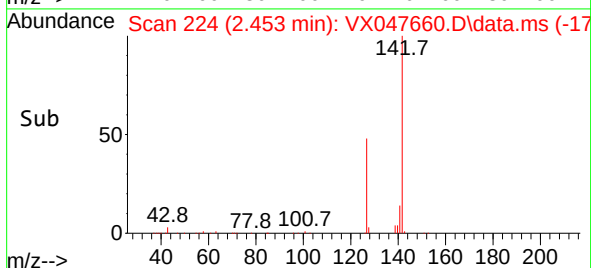
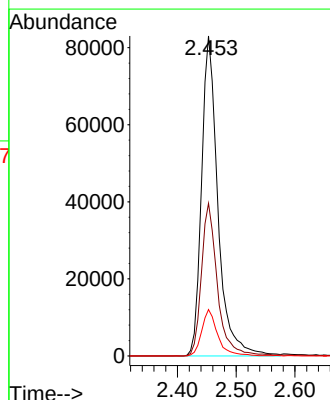
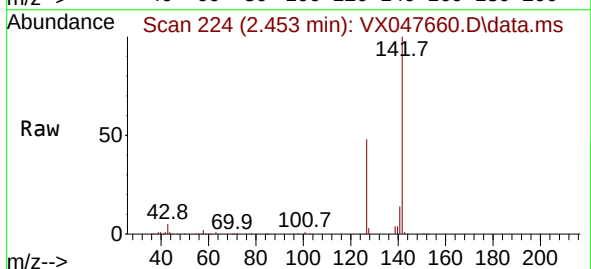
Instrument :  
MSVOA\_X  
ClientSampleId :

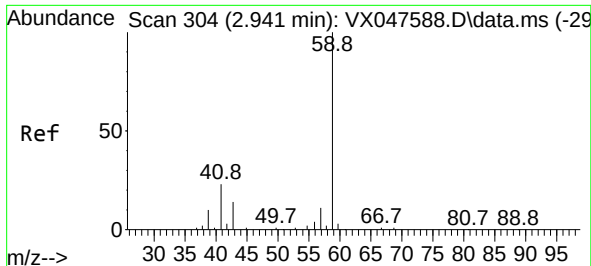
Tgt Ion:101 Resp: 101931  
Ion Ratio Lower Upper  
101 100  
85 44.0 35.5 53.3  
151 74.2 59.4 89.0



#10  
Methyl Iodide  
Concen: 53.061 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

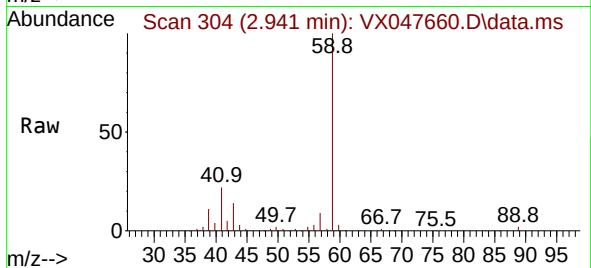
Tgt Ion:142 Resp: 161075  
Ion Ratio Lower Upper  
142 100  
127 46.6 37.2 55.8  
141 14.2 11.4 17.0



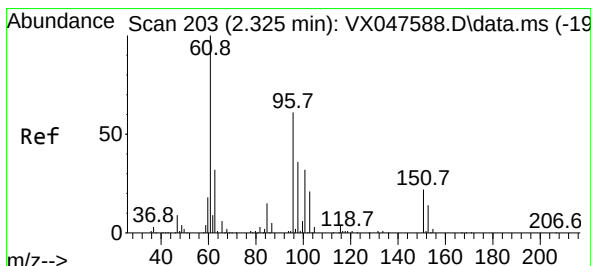
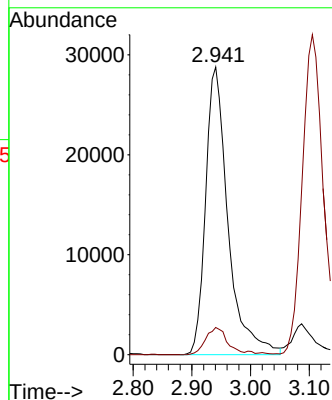
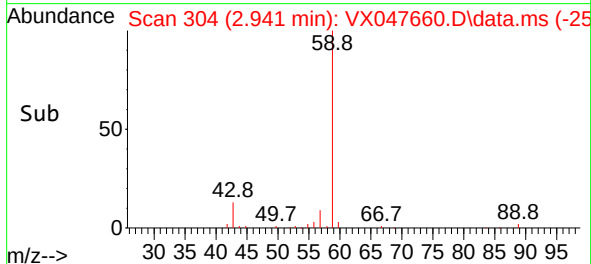


#11  
Tert butyl alcohol  
Concen: 256.398 ug/l  
RT: 2.941 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

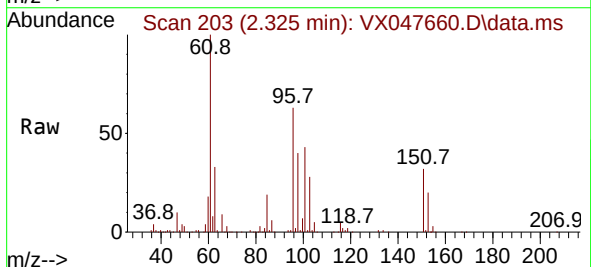
Instrument :  
MSVOA\_X  
ClientSampleId :



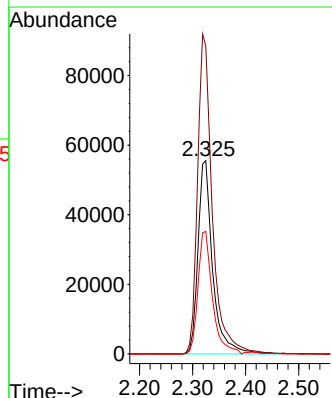
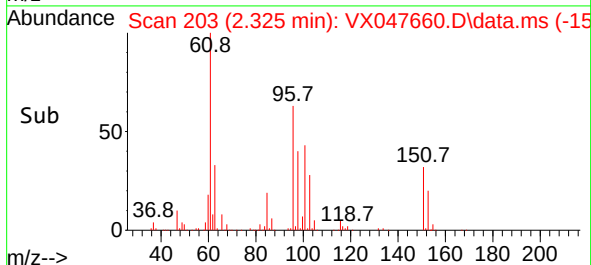
Tgt Ion: 59 Resp: 76492  
Ion Ratio Lower Upper  
59 100  
57 9.0 8.3 12.5

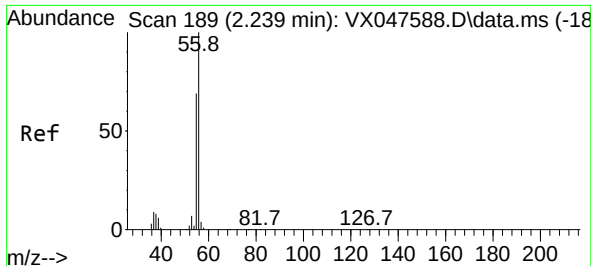


#12  
1,1-Dichloroethene  
Concen: 53.511 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22



Tgt Ion: 96 Resp: 106990  
Ion Ratio Lower Upper  
96 100  
61 159.2 131.0 196.6  
98 63.4 47.7 71.5

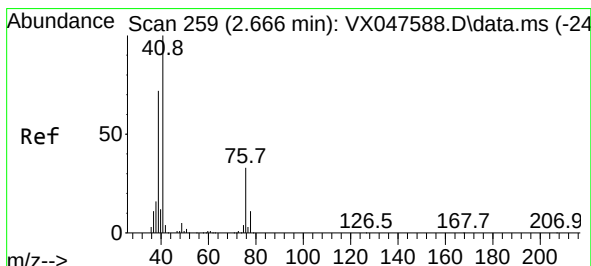
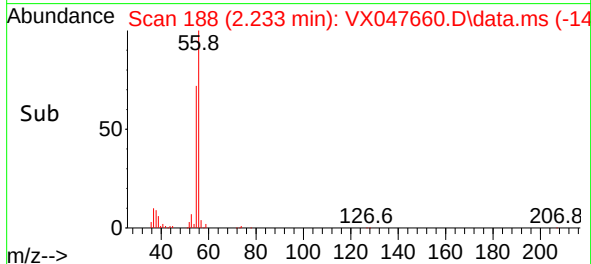
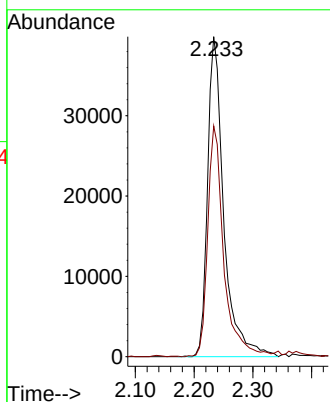
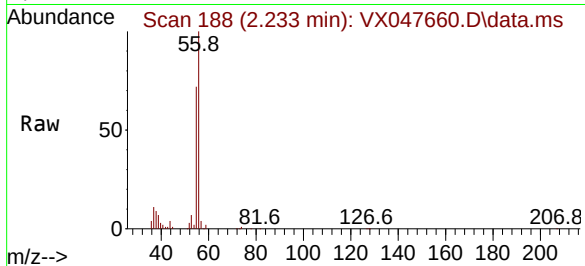




#13  
Acrolein  
Concen: 277.267 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

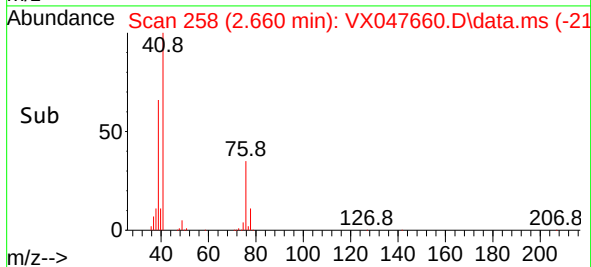
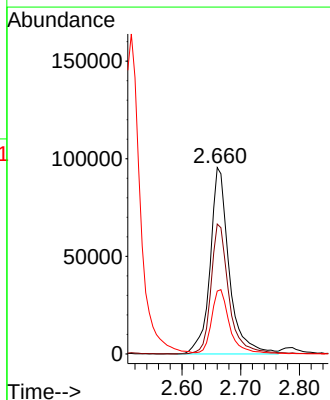
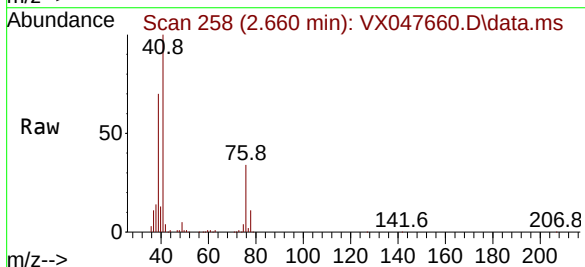
Instrument :  
MSVOA\_X  
ClientSampleId :

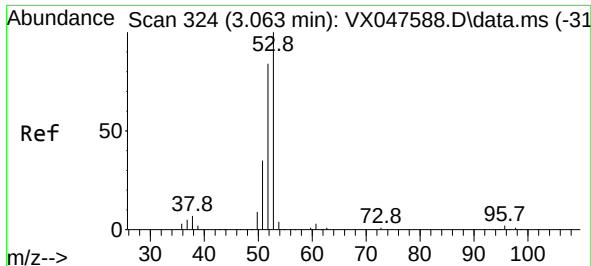
Tgt Ion: 56 Resp: 76226  
Ion Ratio Lower Upper  
56 100  
55 71.3 57.2 85.8



#14  
Allyl chloride  
Concen: 52.096 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

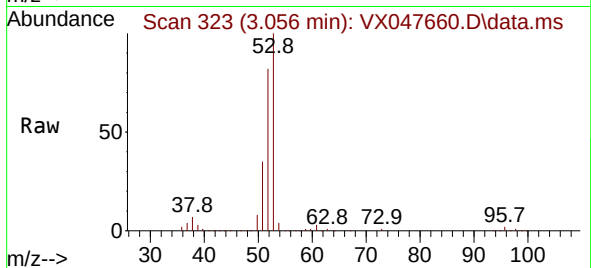
Tgt Ion: 41 Resp: 214937  
Ion Ratio Lower Upper  
41 100  
39 66.2 54.7 82.1  
76 32.9 25.7 38.5



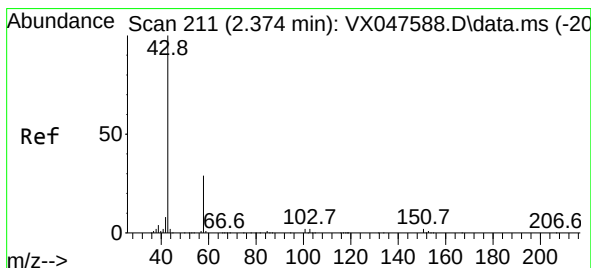
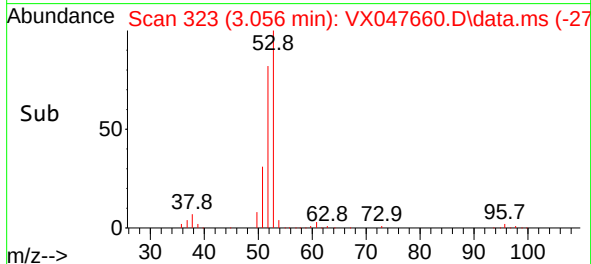
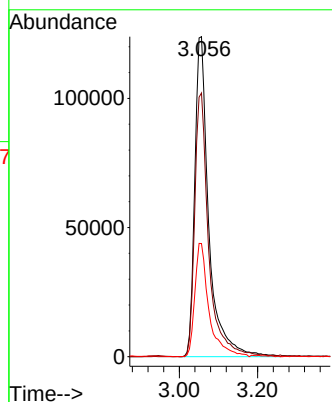


#15  
Acrylonitrile  
Concen: 280.351 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

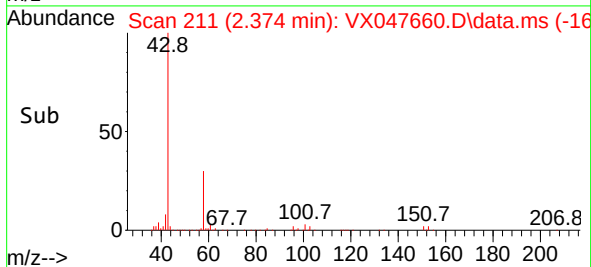
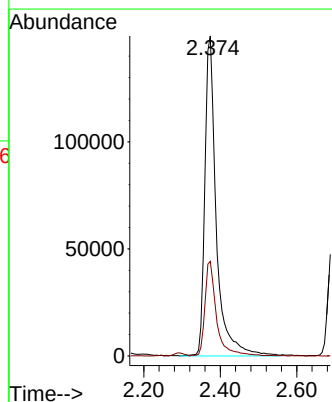
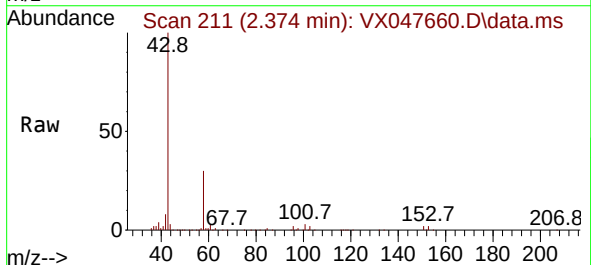


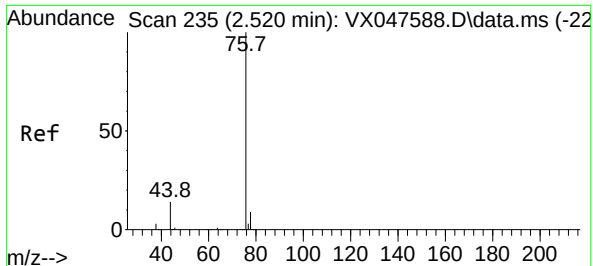
Tgt Ion: 53 Resp: 309800  
Ion Ratio Lower Upper  
53 100  
52 82.3 66.4 99.6  
51 35.8 29.5 44.3



#16  
Acetone  
Concen: 267.632 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 43 Resp: 311710  
Ion Ratio Lower Upper  
43 100  
58 29.5 23.4 35.0





#17

Carbon Disulfide

Concen: 57.144 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

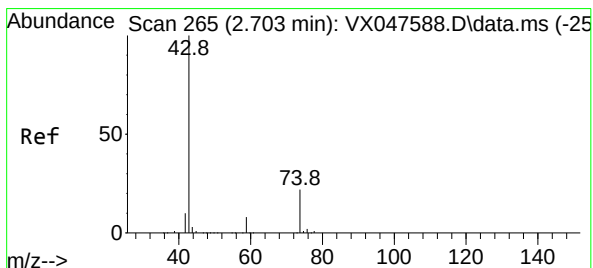
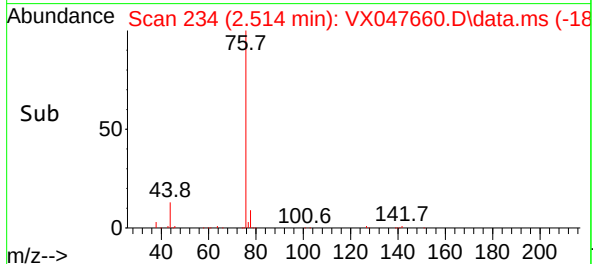
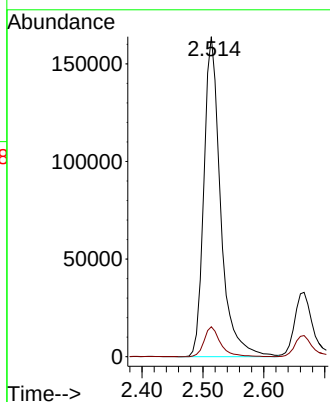
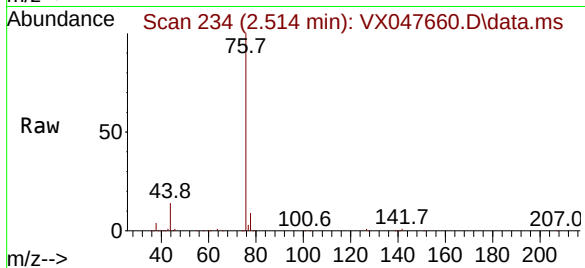
ClientSampleId :

Tgt Ion: 76 Resp: 312779

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



#18

Methyl Acetate

Concen: 53.421 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX047660.D

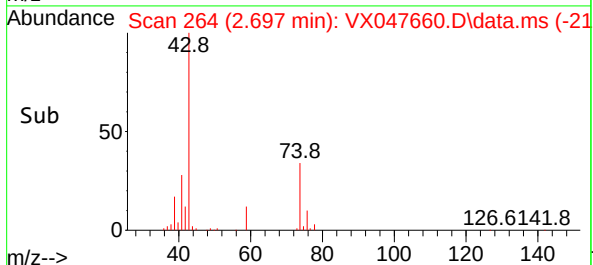
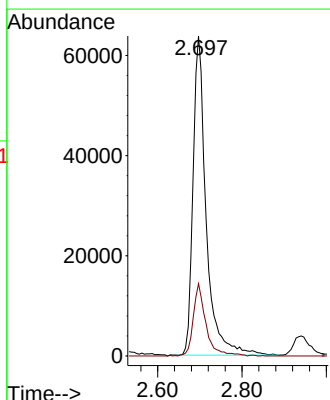
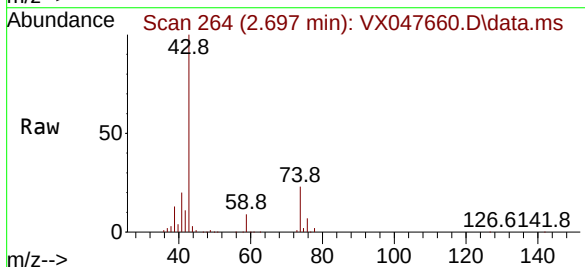
Acq: 19 Sep 2025 09:22

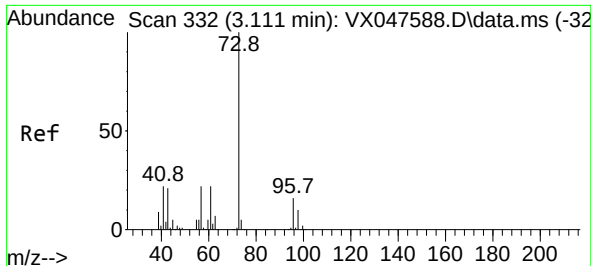
Tgt Ion: 43 Resp: 138468

Ion Ratio Lower Upper

43 100

74 21.7 17.4 26.2

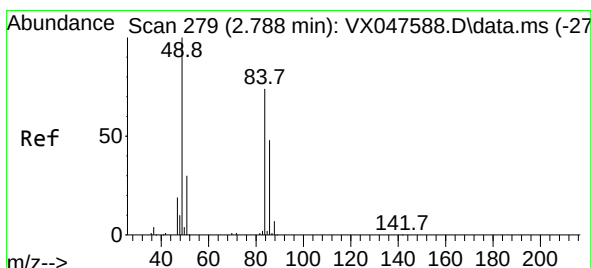
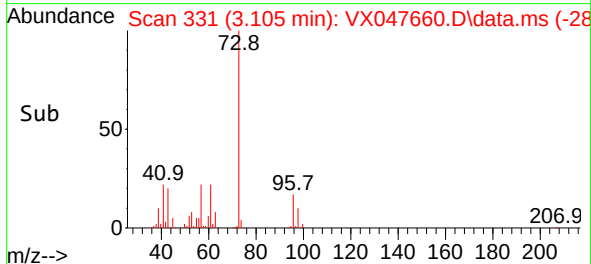
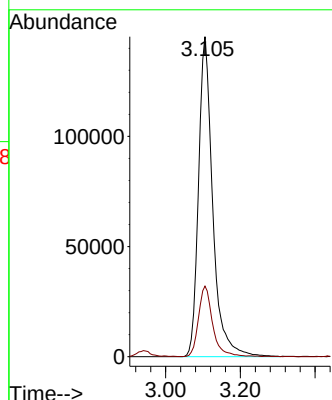
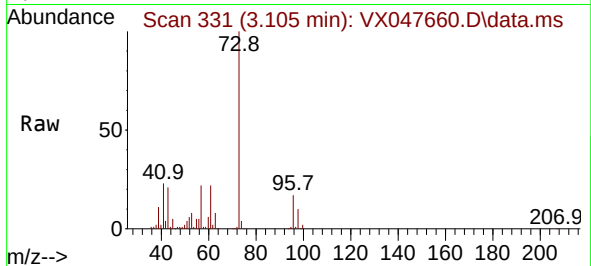




#19  
Methyl tert-butyl Ether  
Concen: 52.463 ug/l  
RT: 3.105 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

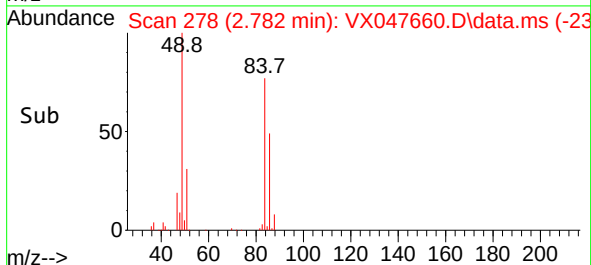
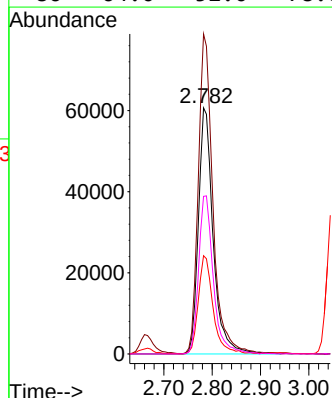
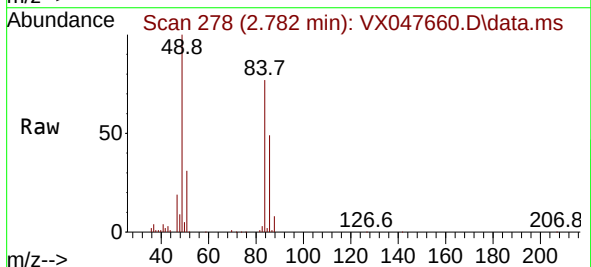
Instrument :  
MSVOA\_X  
ClientSampleId :

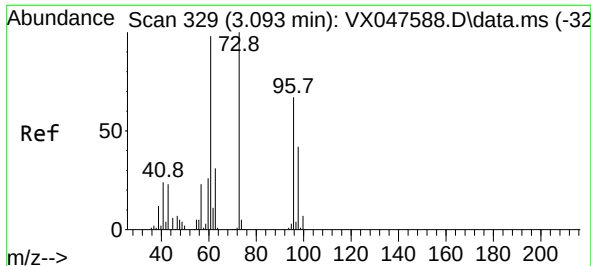
Tgt Ion: 73 Resp: 382912  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.4 26.2



#20  
Methylene Chloride  
Concen: 52.090 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 84 Resp: 128420  
Ion Ratio Lower Upper  
84 100  
49 129.8 108.6 162.8  
51 39.9 32.6 48.8  
86 64.0 52.0 78.0

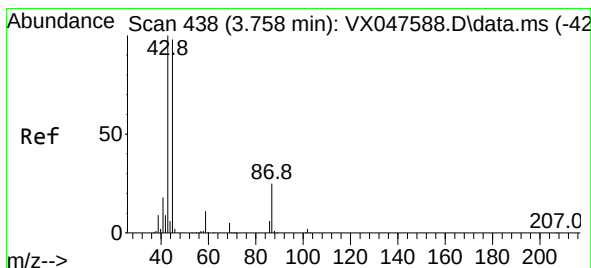
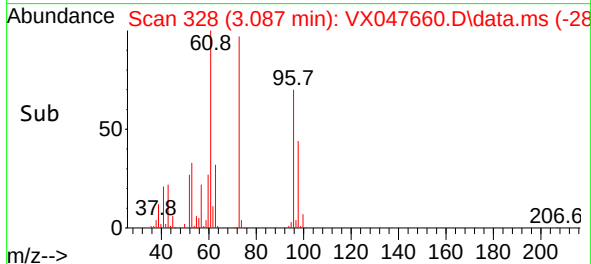
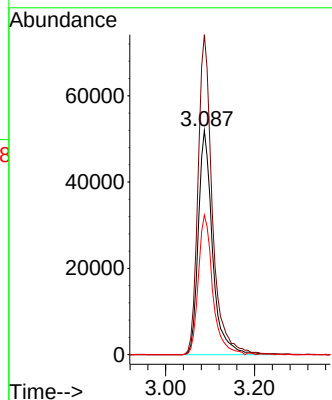
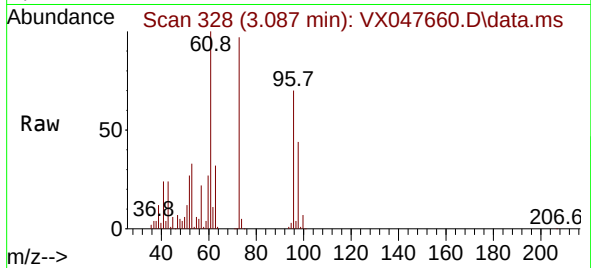




#21  
trans-1,2-Dichloroethene  
Concen: 53.949 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

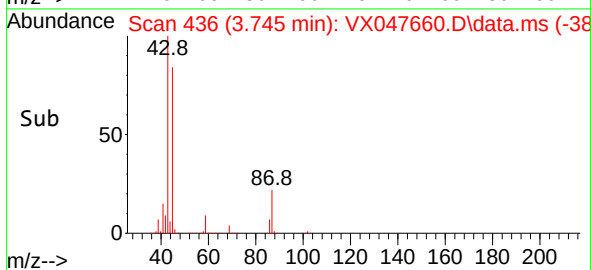
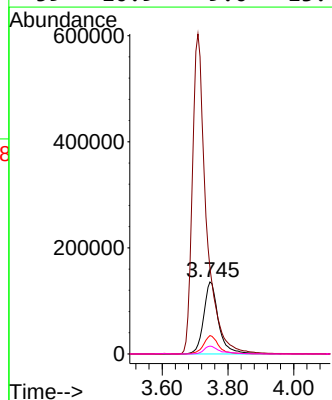
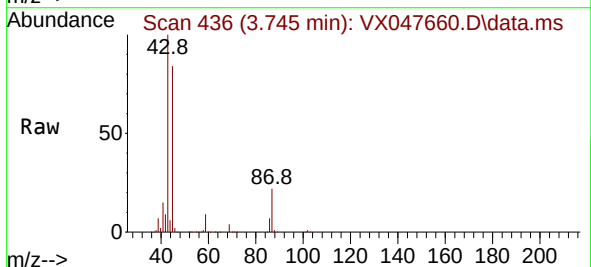
Instrument :  
MSVOA\_X  
ClientSampleId :

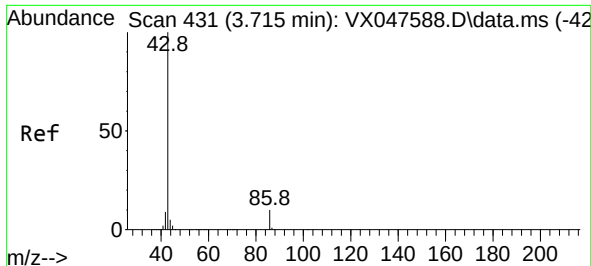
Tgt Ion: 96 Resp: 116131  
Ion Ratio Lower Upper  
96 100  
61 142.7 116.2 174.2  
98 62.3 49.3 73.9



#22  
Diisopropyl ether  
Concen: 53.122 ug/l  
RT: 3.745 min Scan# 436  
Delta R.T. -0.012 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 45 Resp: 424760  
Ion Ratio Lower Upper  
45 100  
43 118.6 81.0 121.4  
87 25.6 20.3 30.5  
59 10.9 9.0 13.4

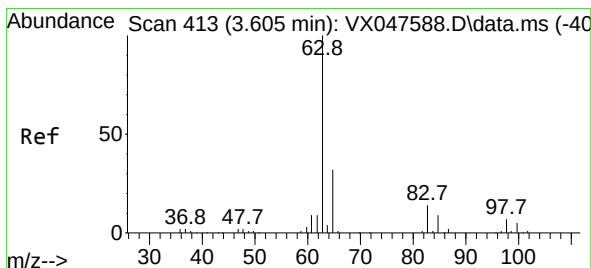
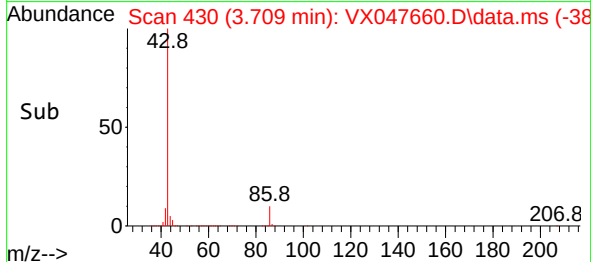
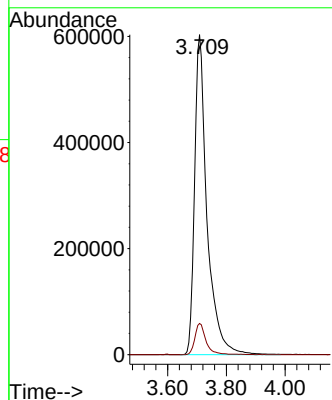
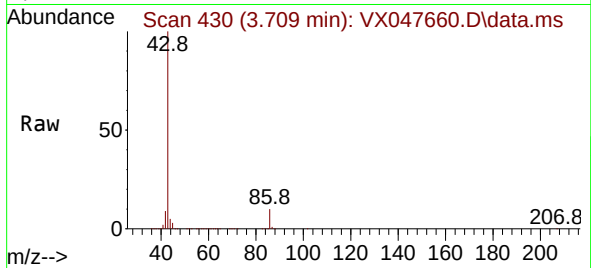




#23  
 Vinyl Acetate  
 Concen: 277.456 ug/l  
 RT: 3.709 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX047660.D  
 Acq: 19 Sep 2025 09:22

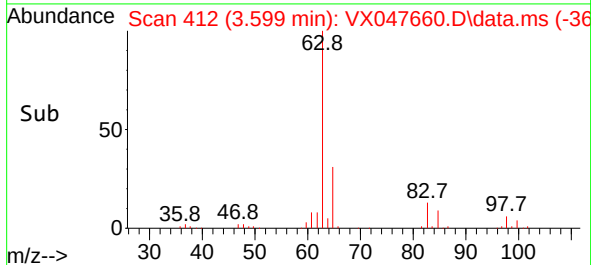
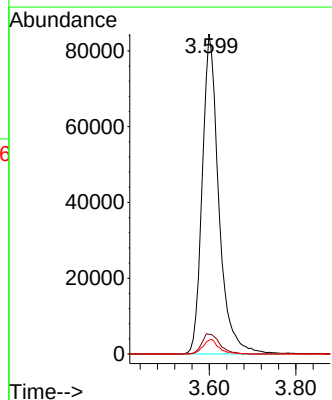
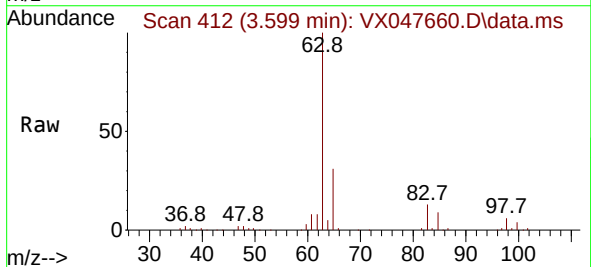
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 43 Resp: 1775588  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 7.8 11.8

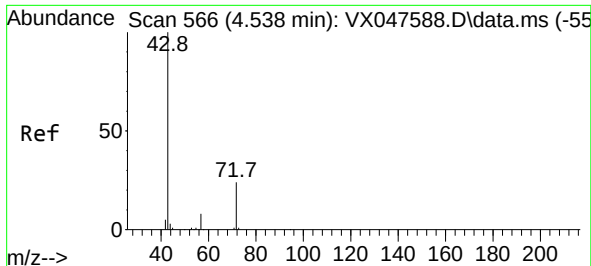


#24  
 1,1-Dichloroethane  
 Concen: 52.689 ug/l  
 RT: 3.599 min Scan# 412  
 Delta R.T. -0.006 min  
 Lab File: VX047660.D  
 Acq: 19 Sep 2025 09:22

Tgt Ion: 63 Resp: 223923  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.8 11.2  
 100 4.3 2.3 6.9

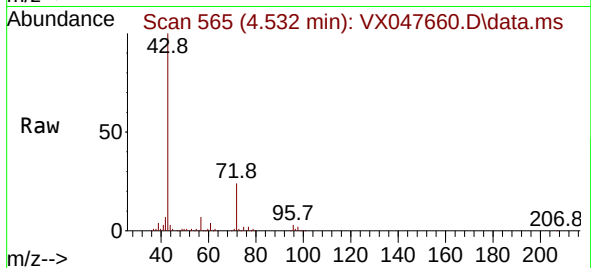




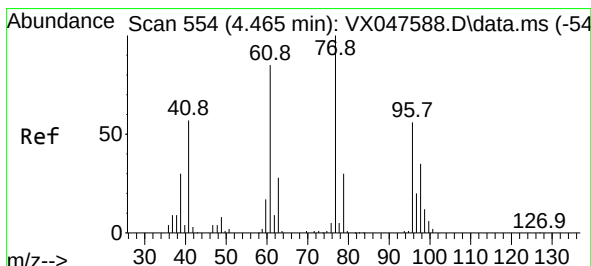
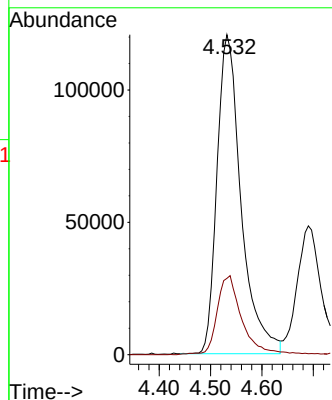
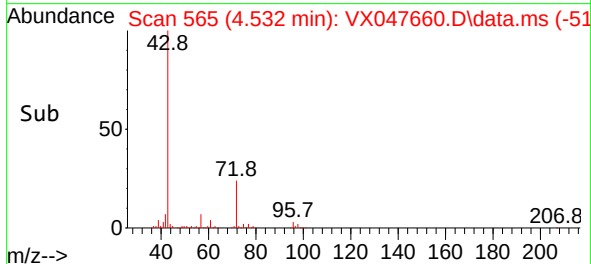


#25  
2-Butanone  
Concen: 270.370 ug/l  
RT: 4.532 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

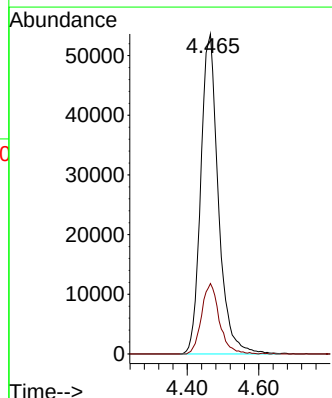
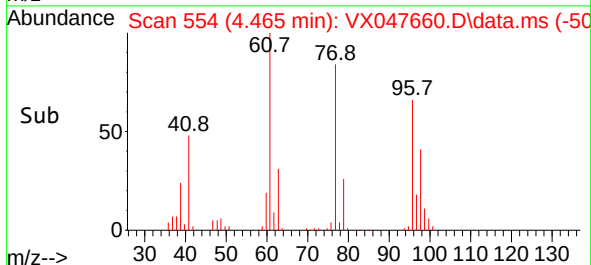
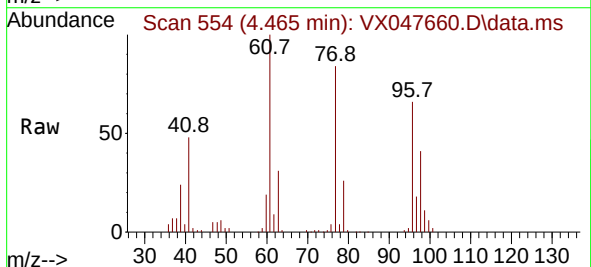


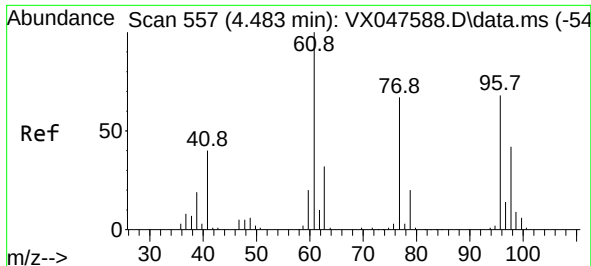
Tgt Ion: 43 Resp: 392796  
Ion Ratio Lower Upper  
43 100  
72 23.8 20.1 30.1



#26  
2,2-Dichloropropane  
Concen: 51.709 ug/l  
RT: 4.465 min Scan# 554  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 77 Resp: 182677  
Ion Ratio Lower Upper  
77 100  
97 22.2 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 52.862 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

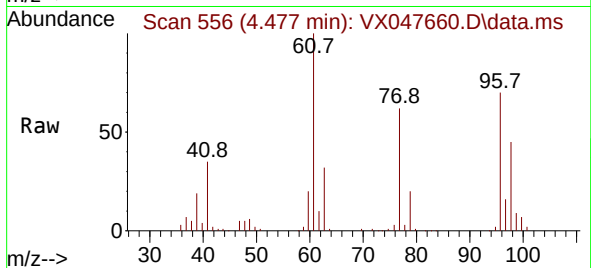
Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :



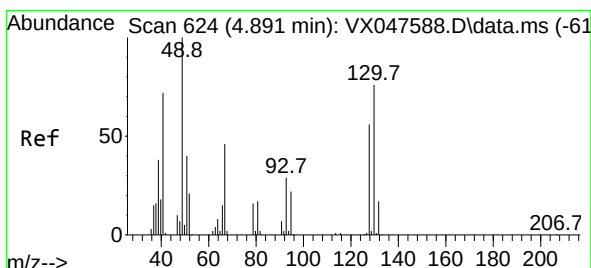
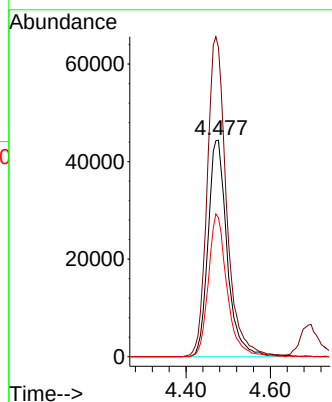
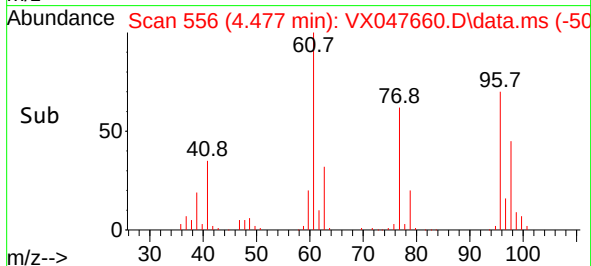
Tgt Ion: 96 Resp: 139356

Ion Ratio Lower Upper

96 100

61 150.1 0.0 303.2

98 64.1 0.0 127.8



#28

Bromochloromethane

Concen: 55.493 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

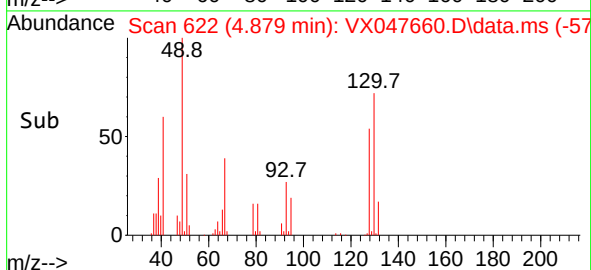
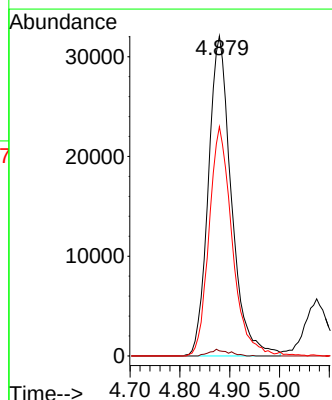
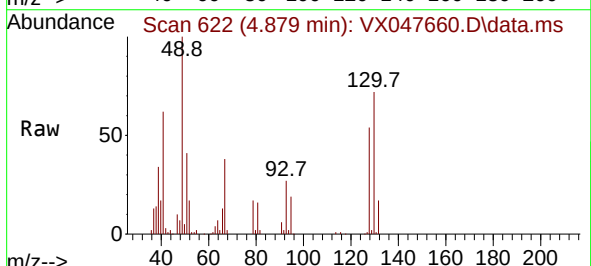
Tgt Ion: 49 Resp: 102961

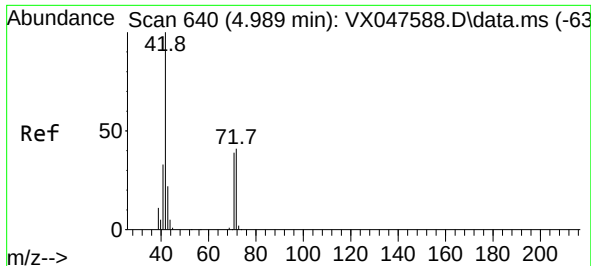
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

130 71.6 57.8 86.8





#29

Tetrahydrofuran

Concen: 275.412 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

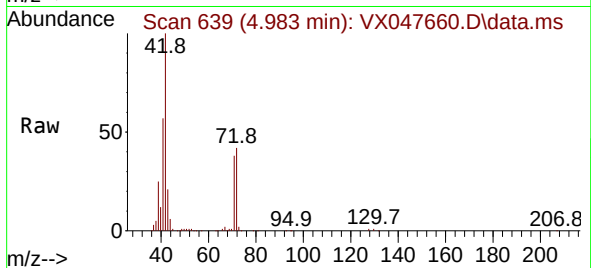
Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :



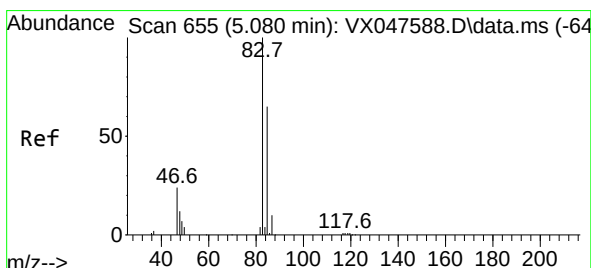
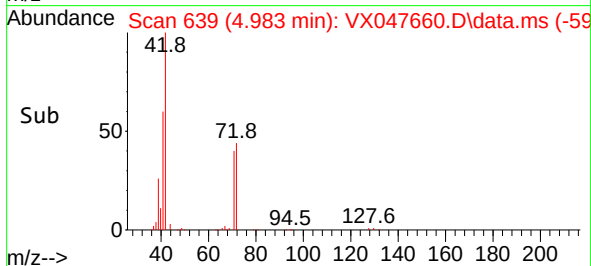
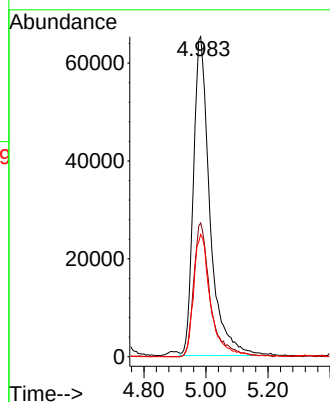
Tgt Ion: 42 Resp: 240704

Ion Ratio Lower Upper

42 100

72 42.3 34.2 51.2

71 39.3 31.9 47.9



#30

Chloroform

Concen: 52.250 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX047660.D

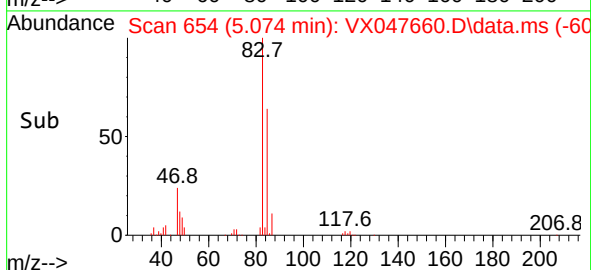
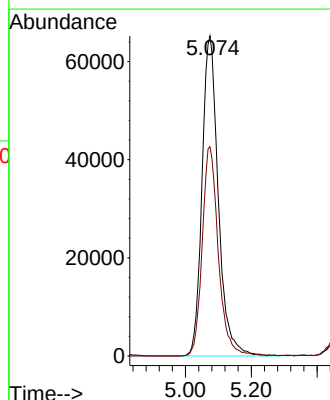
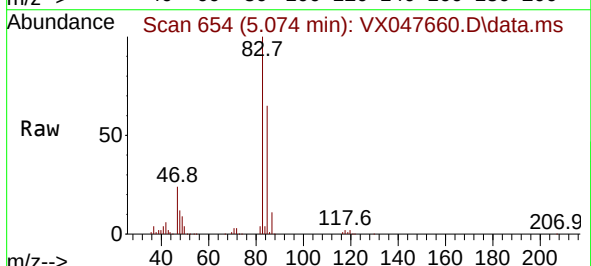
Acq: 19 Sep 2025 09:22

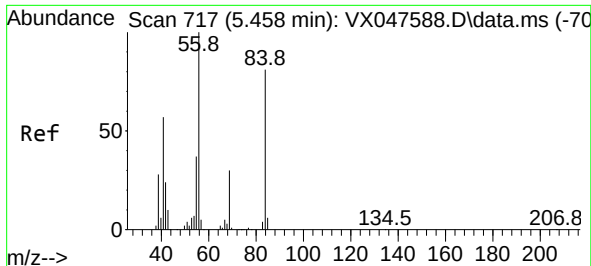
Tgt Ion: 83 Resp: 224397

Ion Ratio Lower Upper

83 100

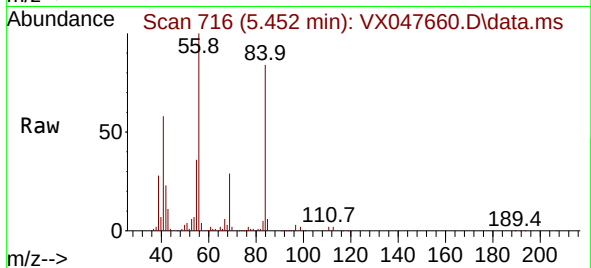
85 65.4 51.8 77.6



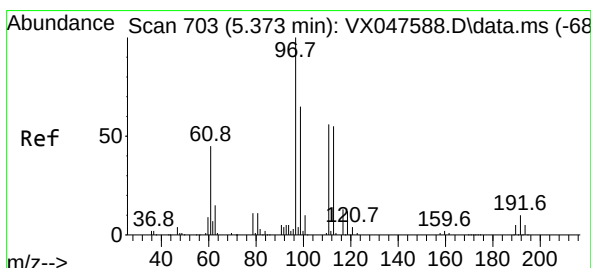
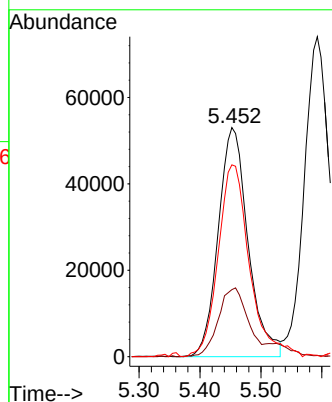
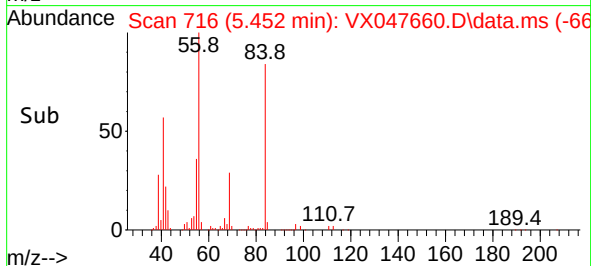


#31  
Cyclohexane  
Concen: 50.989 ug/l  
RT: 5.452 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

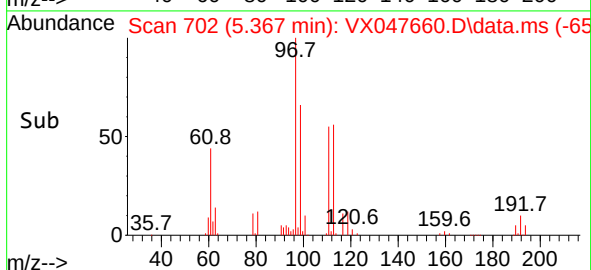
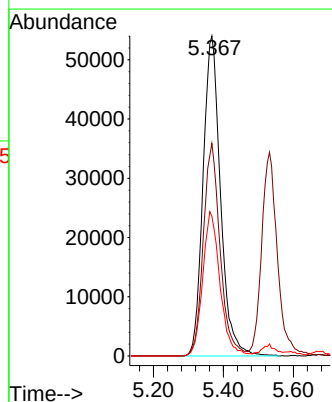
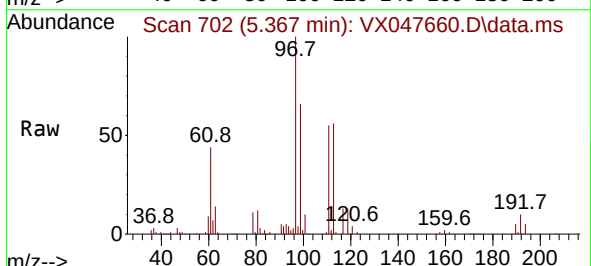


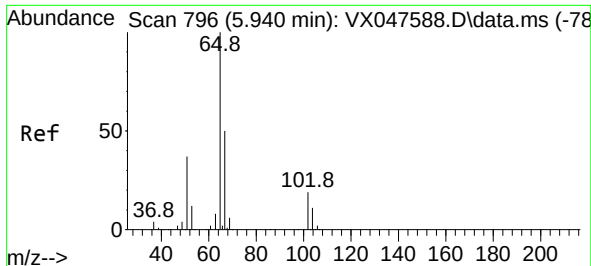
Tgt Ion: 56 Resp: 180483  
Ion Ratio Lower Upper  
56 100  
69 28.8 23.8 35.8  
84 83.5 64.6 97.0



#32  
1,1,1-Trichloroethane  
Concen: 51.405 ug/l  
RT: 5.367 min Scan# 702  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 97 Resp: 187258  
Ion Ratio Lower Upper  
97 100  
99 63.9 50.6 76.0  
61 44.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 48.921 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

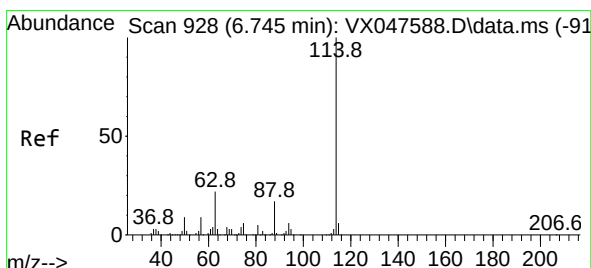
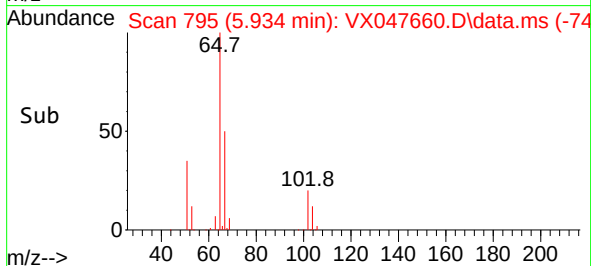
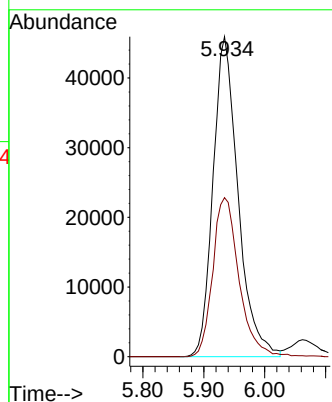
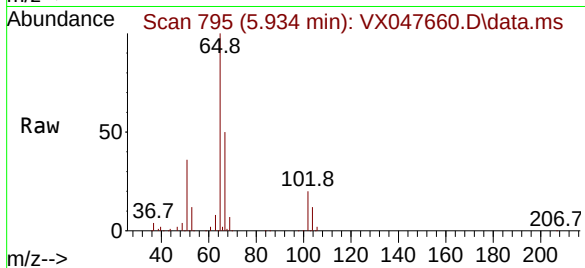
ClientSampleId :

Tgt Ion: 65 Resp: 131043

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

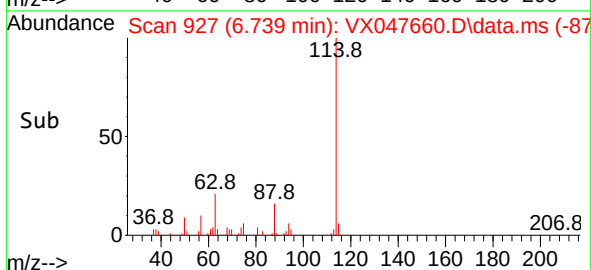
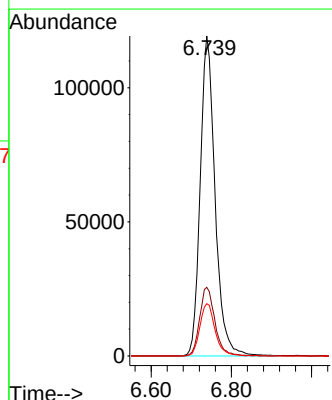
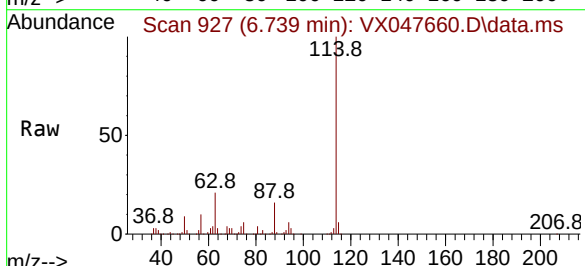
Tgt Ion: 114 Resp: 306730

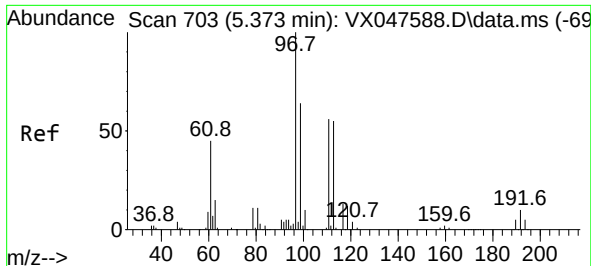
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

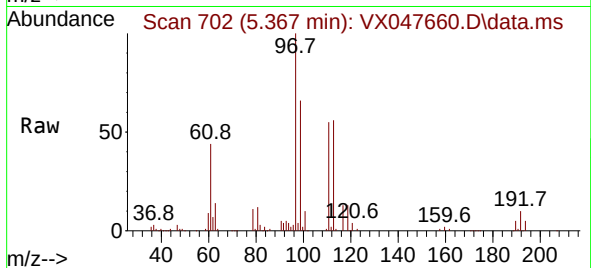
88 16.4 0.0 34.2



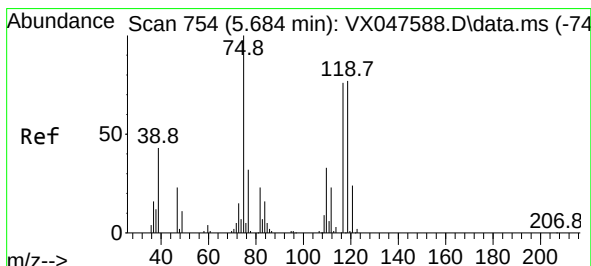
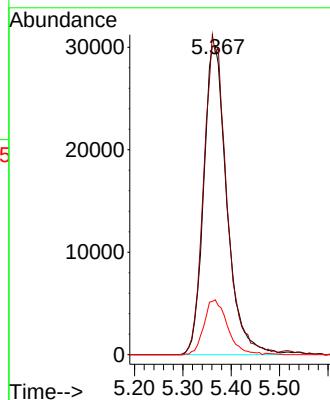
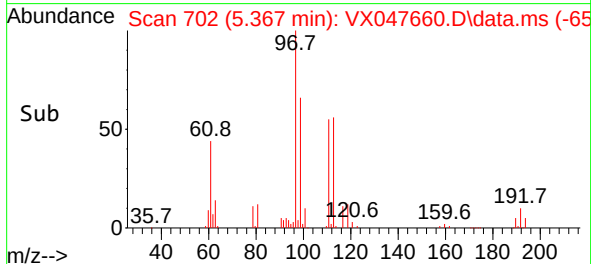


#35  
Dibromofluoromethane  
Concen: 48.985 ug/l  
RT: 5.367 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

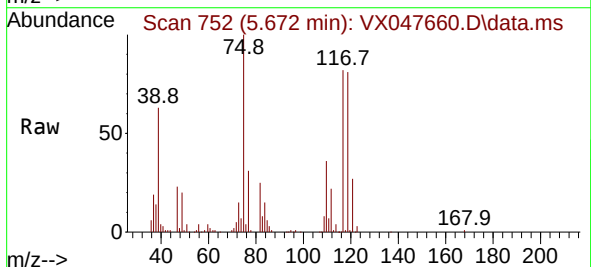
Instrument :  
MSVOA\_X  
ClientSampleId :



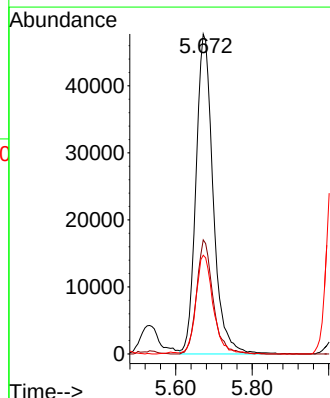
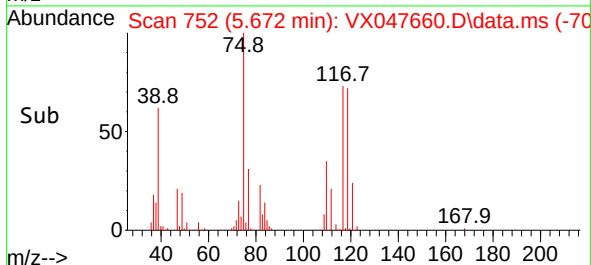
Tgt Ion:113 Resp: 100766  
Ion Ratio Lower Upper  
113 100  
111 101.9 80.9 121.3  
192 17.9 14.2 21.4

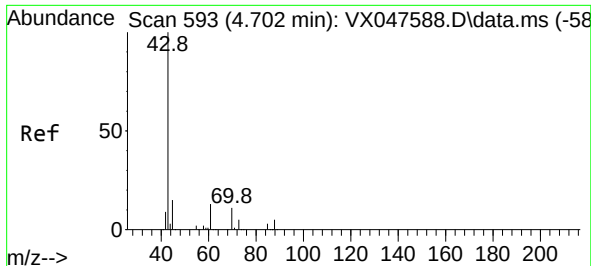


#36  
1,1-Dichloropropene  
Concen: 49.472 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22



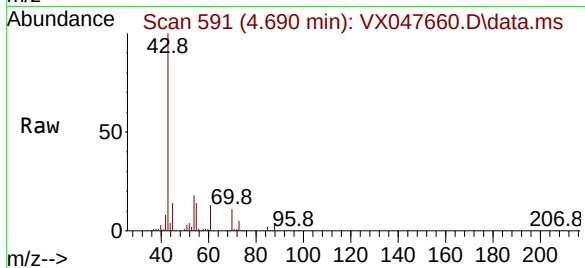
Tgt Ion: 75 Resp: 148709  
Ion Ratio Lower Upper  
75 100  
110 34.2 16.7 50.1  
77 31.1 24.3 36.5



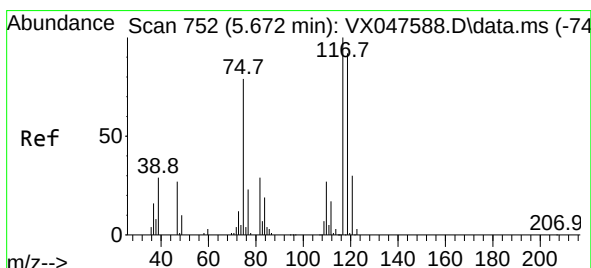
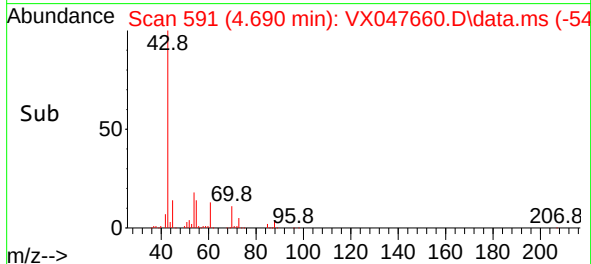
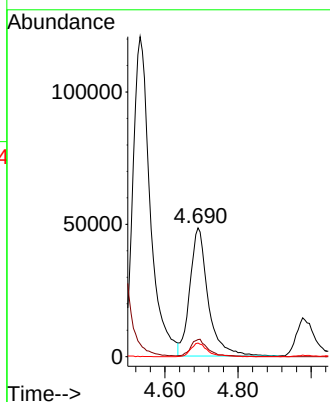


#37  
Ethyl Acetate  
Concen: 52.177 ug/l  
RT: 4.690 min Scan# 591  
Delta R.T. -0.012 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

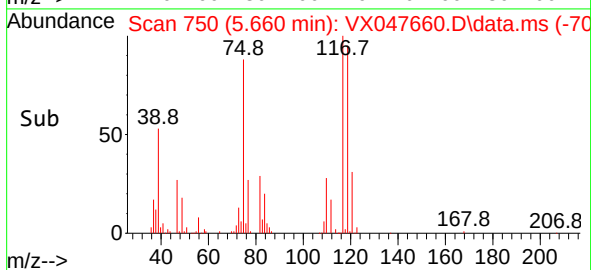
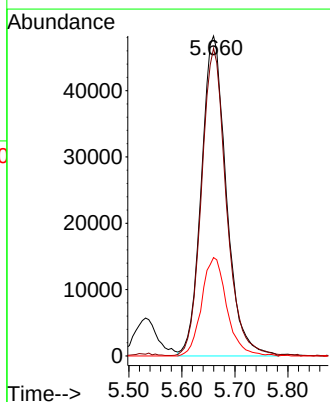
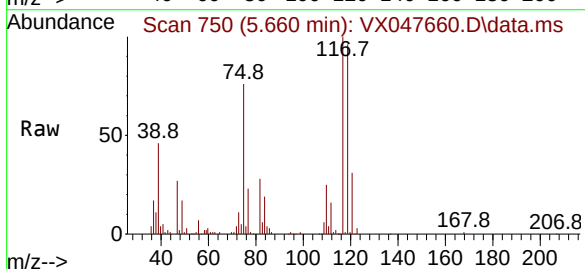


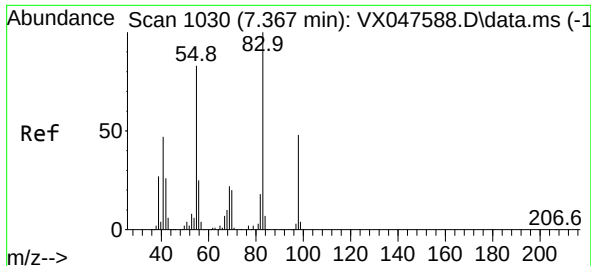
Tgt Ion: 43 Resp: 167930  
Ion Ratio Lower Upper  
43 100  
61 13.5 9.8 14.8  
70 9.9 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 48.399 ug/l  
RT: 5.660 min Scan# 750  
Delta R.T. -0.012 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 117 Resp: 158068  
Ion Ratio Lower Upper  
117 100  
119 95.7 73.4 110.2  
121 30.7 23.8 35.6





#39

Methylcyclohexane

Concen: 50.798 ug/l

RT: 7.361 min Scan# 1030

Delta R.T. -0.006 min

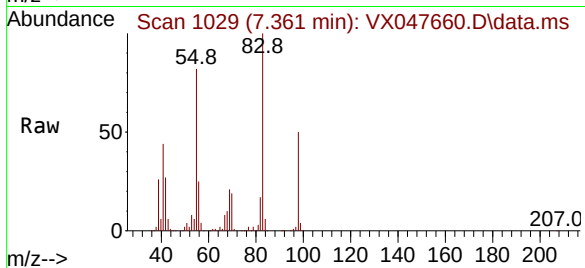
Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :



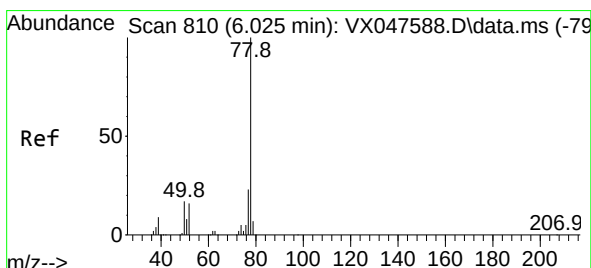
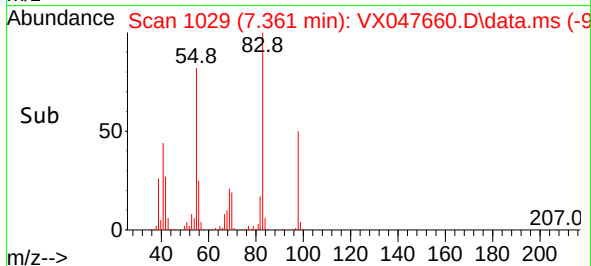
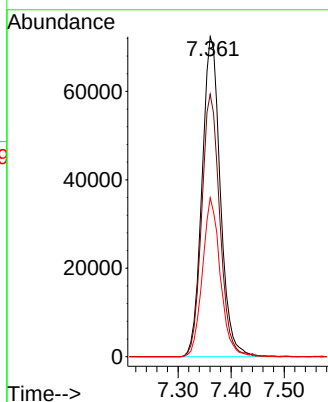
Tgt Ion: 83 Resp: 173329

Ion Ratio Lower Upper

83 100

55 82.0 66.4 99.6

98 49.6 38.1 57.1



#40

Benzene

Concen: 51.478 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX047660.D

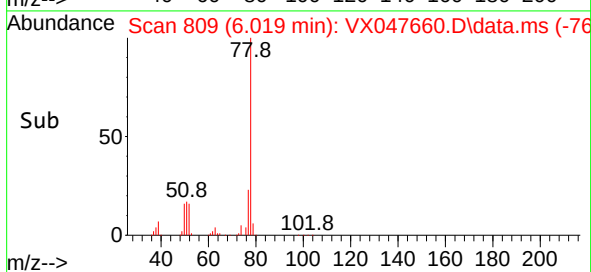
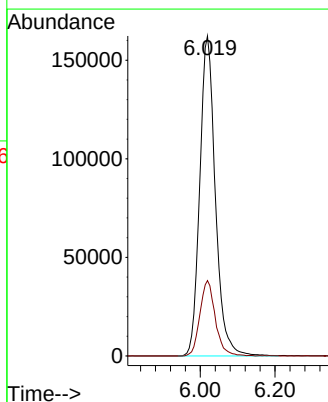
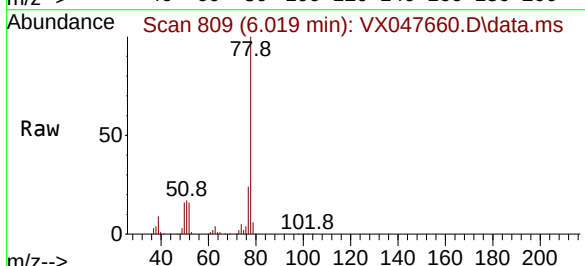
Acq: 19 Sep 2025 09:22

Tgt Ion: 78 Resp: 469978

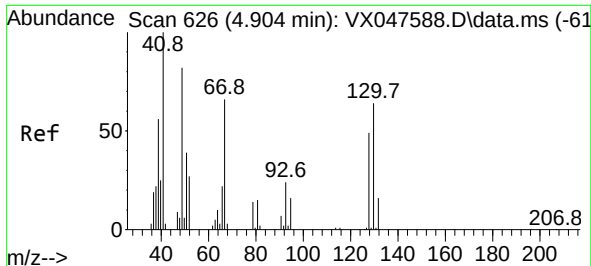
Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

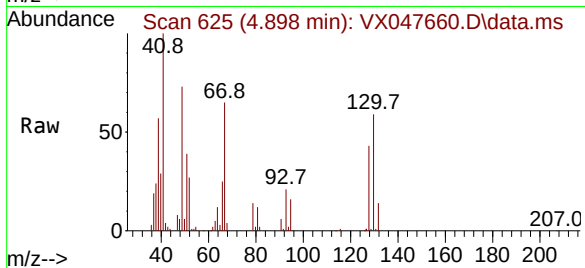




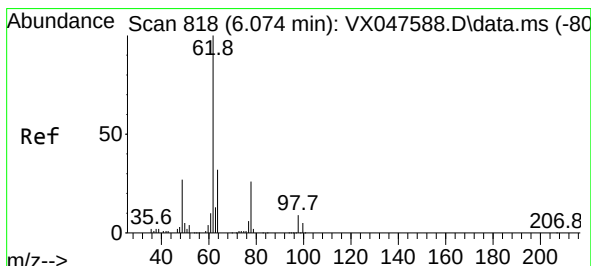
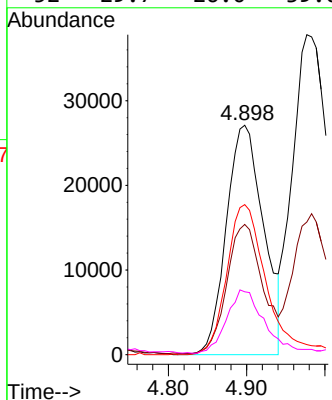
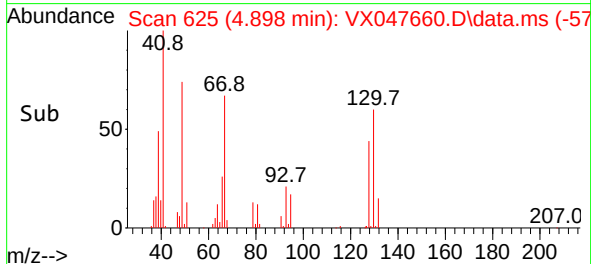


#41  
Methacrylonitrile  
Concen: 54.019 ug/l  
RT: 4.898 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

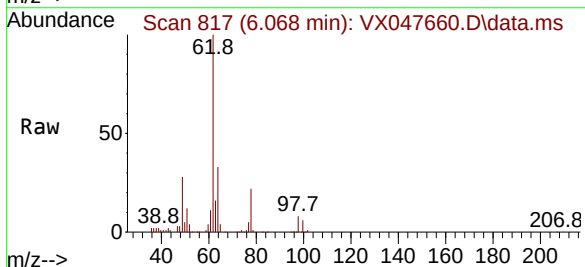
Instrument :  
MSVOA\_X  
ClientSampleId :



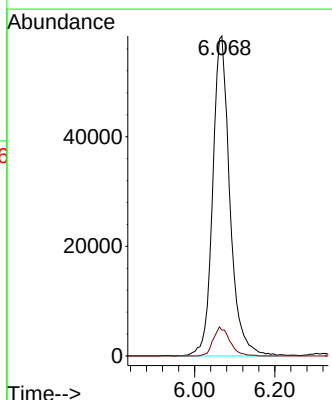
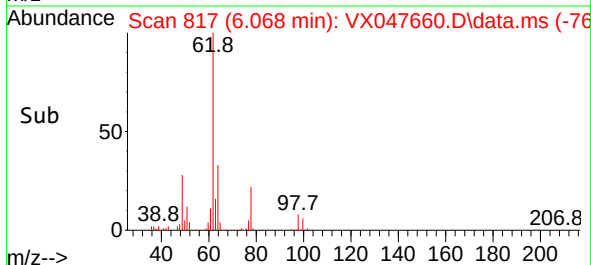
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 89756 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.0  | 43.3  | 64.9  |
| 67       | 70.9  | 58.6  | 87.8  |
| 52       | 29.7  | 26.0  | 39.0  |

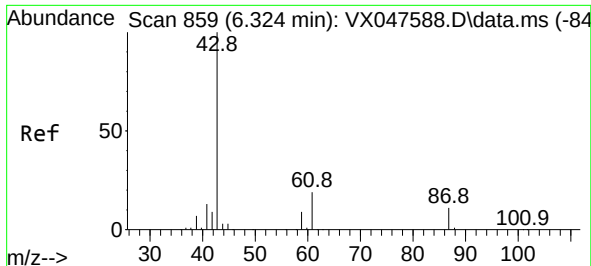


#42  
1,2-Dichloroethane  
Concen: 50.041 ug/l  
RT: 6.068 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 173829 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.8   | 0.0   | 17.0   |





#43

Isopropyl Acetate

Concen: 51.124 ug/l

RT: 6.318 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :

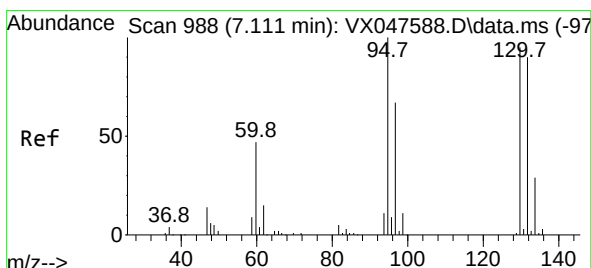
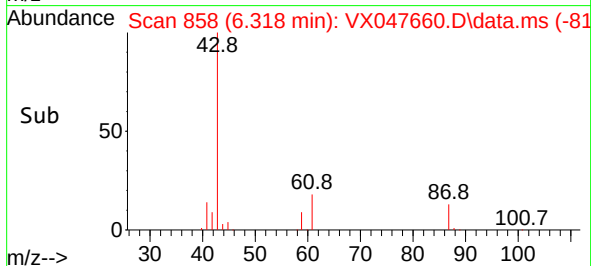
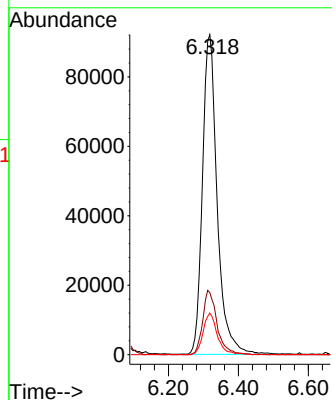
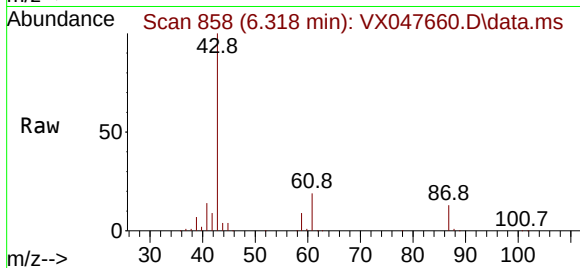
Tgt Ion: 43 Resp: 269858

Ion Ratio Lower Upper

43 100

61 19.6 15.2 22.8

87 12.5 9.6 14.4



#44

Trichloroethene

Concen: 51.491 ug/l

RT: 7.104 min Scan# 987

Delta R.T. -0.006 min

Lab File: VX047660.D

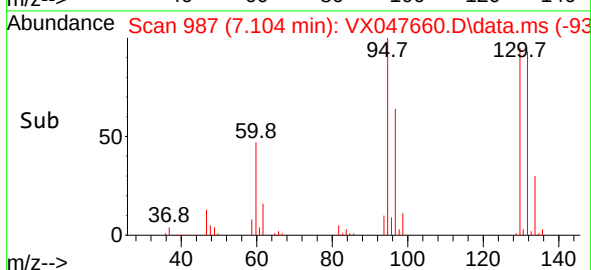
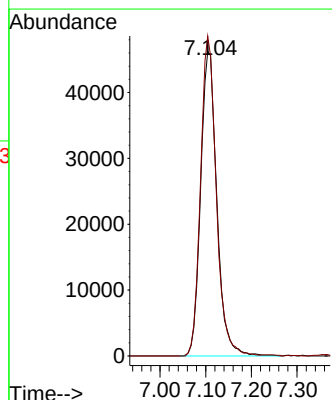
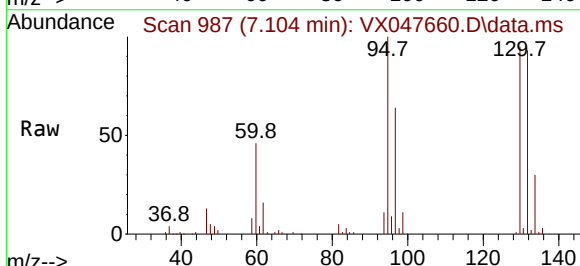
Acq: 19 Sep 2025 09:22

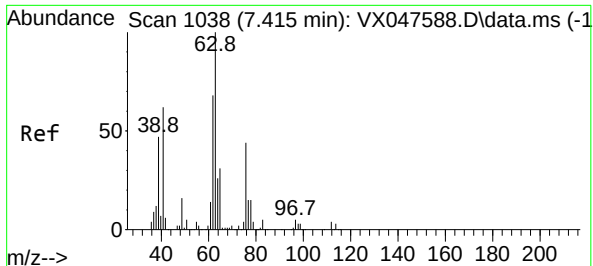
Tgt Ion:130 Resp: 113653

Ion Ratio Lower Upper

130 100

95 105.1 0.0 210.8





#45

1,2-Dichloropropane

Concen: 50.706 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

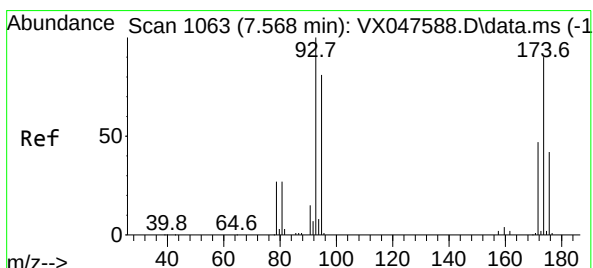
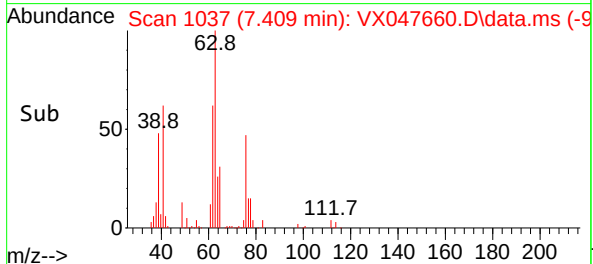
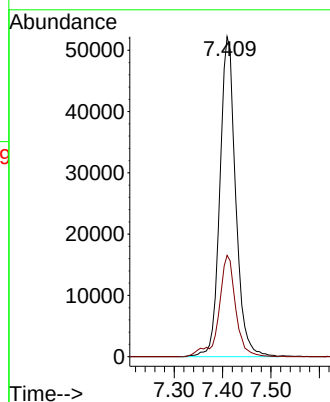
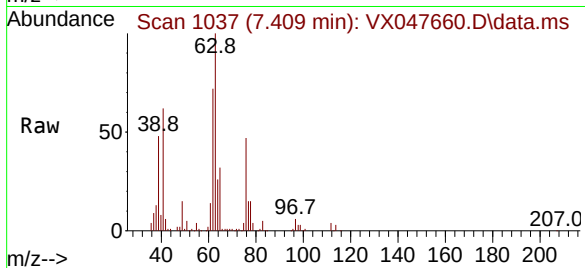
ClientSampleId :

Tgt Ion: 63 Resp: 118540

Ion Ratio Lower Upper

63 100

65 31.6 24.7 37.1



#46

Dibromomethane

Concen: 51.314 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

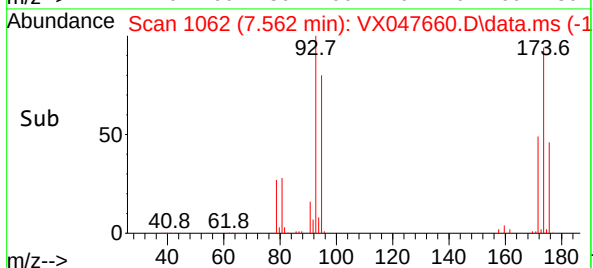
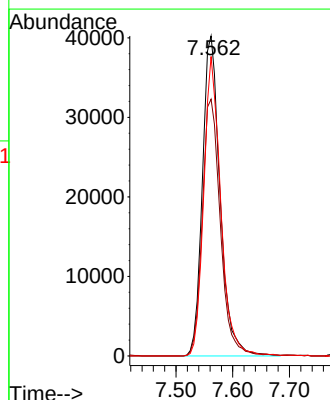
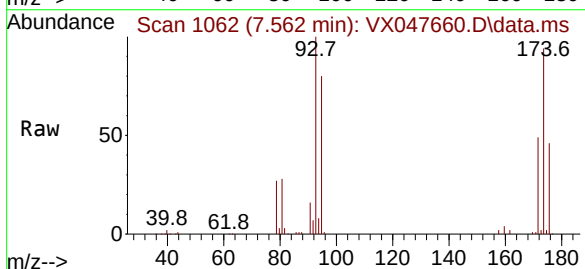
Tgt Ion: 93 Resp: 87295

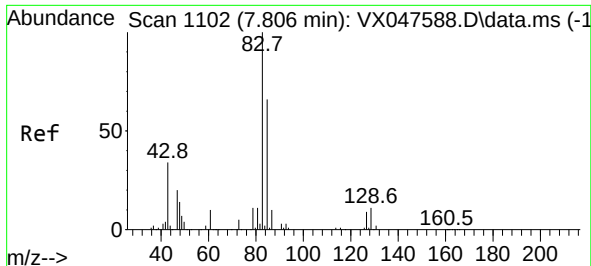
Ion Ratio Lower Upper

93 100

95 82.0 65.0 97.6

174 90.0 71.6 107.4

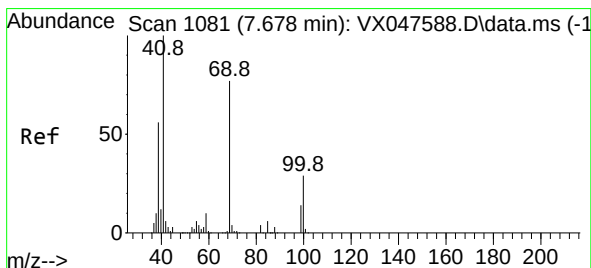
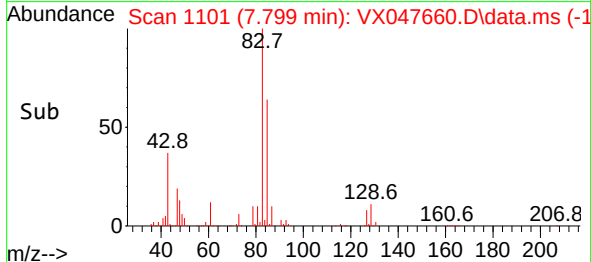
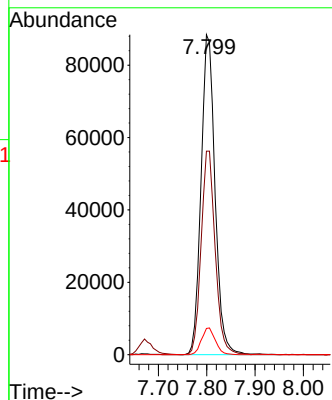
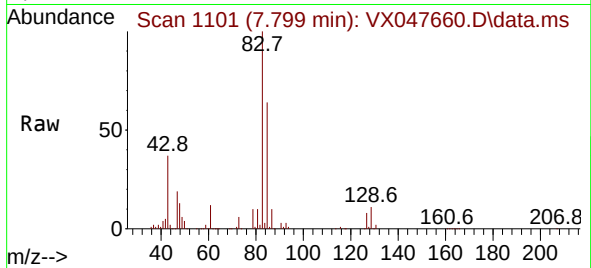




#47  
Bromodichloromethane  
Concen: 50.681 ug/l  
RT: 7.799 min Scan# 1101  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

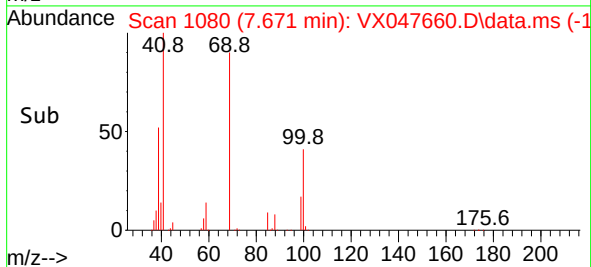
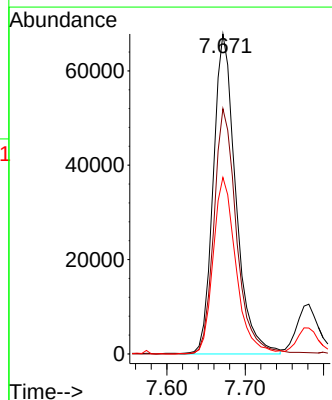
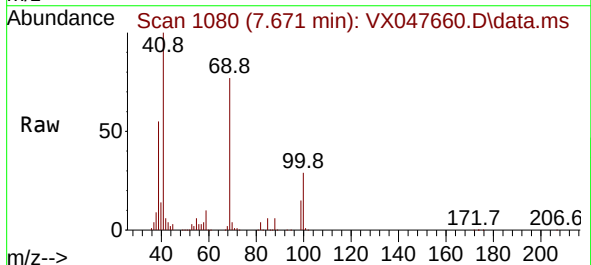
Instrument :  
MSVOA\_X  
ClientSampleId :

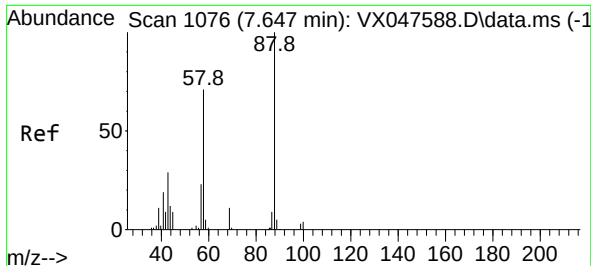
Tgt Ion: 83 Resp: 177916  
Ion Ratio Lower Upper  
83 100  
85 63.6 52.5 78.7  
127 8.2 6.9 10.3



#48  
Methyl methacrylate  
Concen: 51.542 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

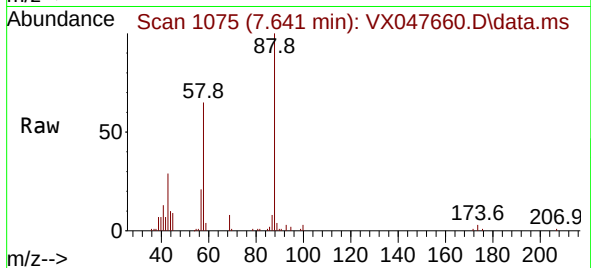
Tgt Ion: 41 Resp: 135518  
Ion Ratio Lower Upper  
41 100  
69 77.2 61.4 92.2  
39 55.7 45.8 68.6



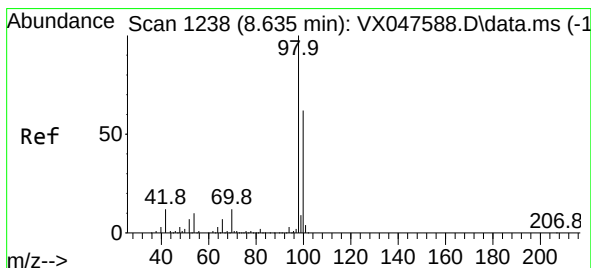
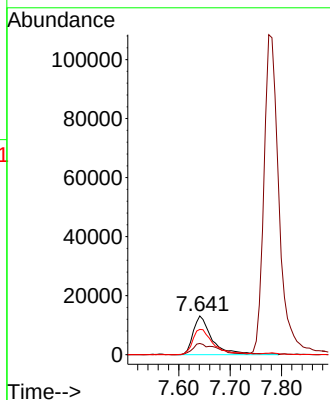
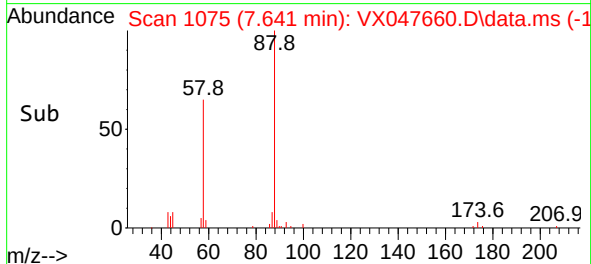


#49  
1,4-Dioxane  
Concen: 1265.071 ug/l  
RT: 7.641 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Instrument :  
MSVOA\_X  
ClientSampleId :

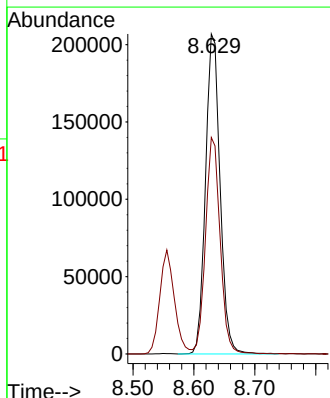
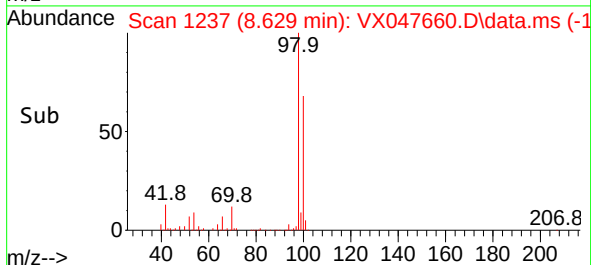
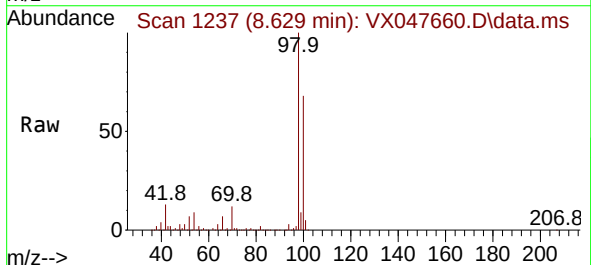


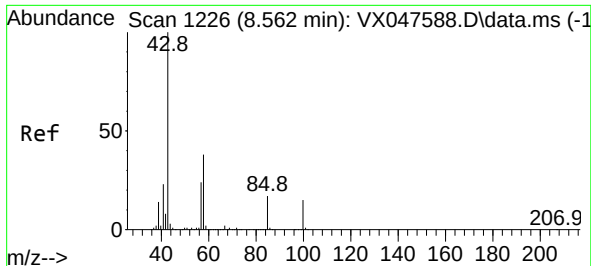
Tgt Ion: 88 Resp: 33615  
Ion Ratio Lower Upper  
88 100  
43 37.3 30.2 45.2  
58 72.3 59.5 89.3



#50  
Toluene-d8  
Concen: 48.346 ug/l  
RT: 8.629 min Scan# 1237  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 98 Resp: 344123  
Ion Ratio Lower Upper  
98 100  
100 67.6 53.0 79.4

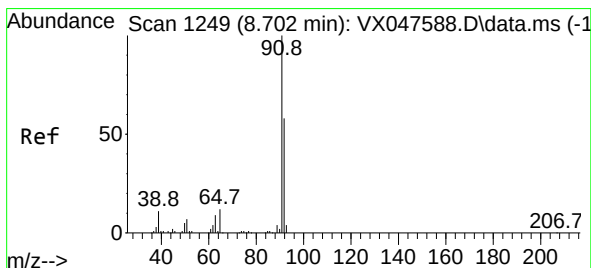
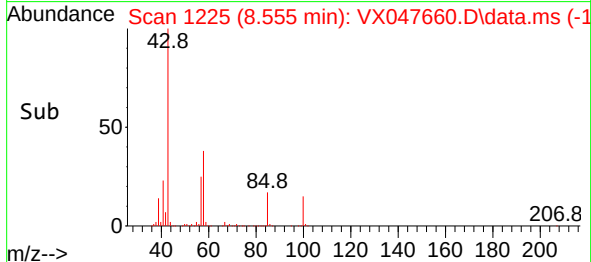
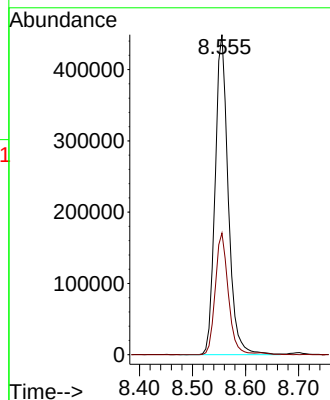
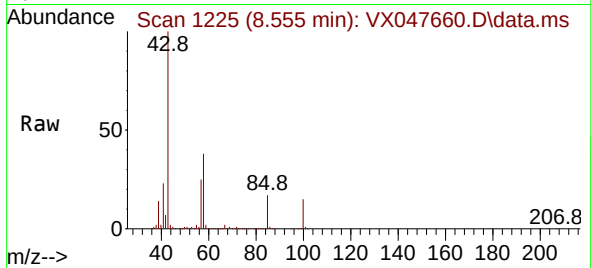




#51  
4-Methyl-2-Pentanone  
Concen: 263.992 ug/l  
RT: 8.555 min Scan# 1225  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

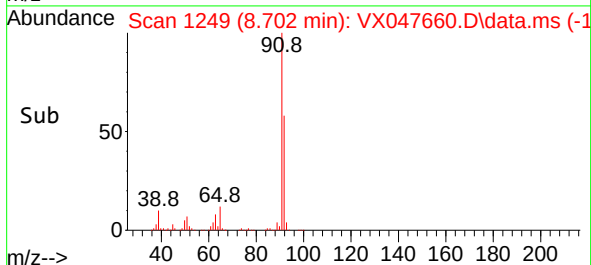
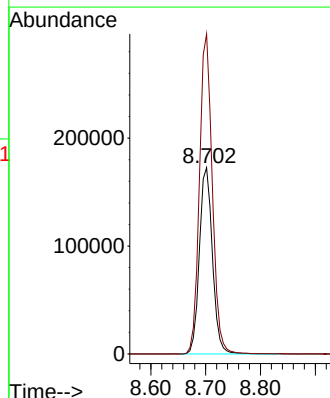
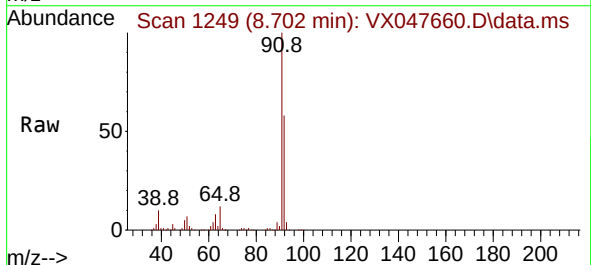
Instrument :  
MSVOA\_X  
ClientSampleId :

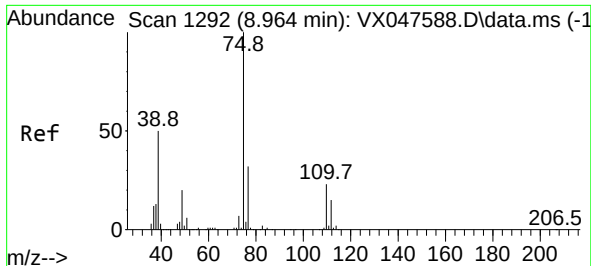
Tgt Ion: 43 Resp: 772605  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.3 45.5



#52  
Toluene  
Concen: 50.732 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 92 Resp: 285358  
Ion Ratio Lower Upper  
92 100  
91 169.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 51.420 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

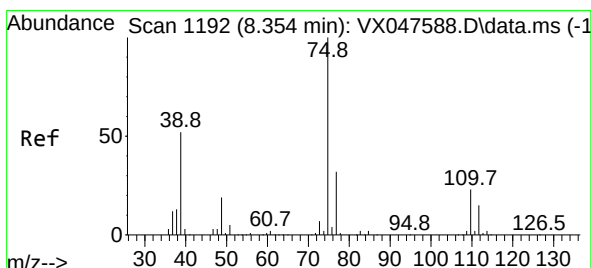
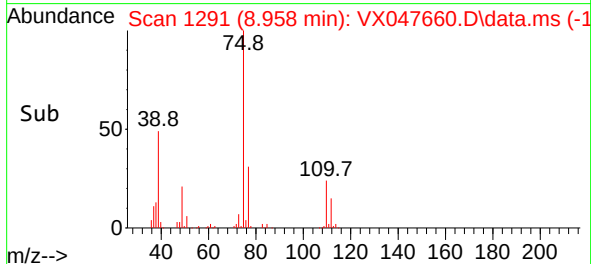
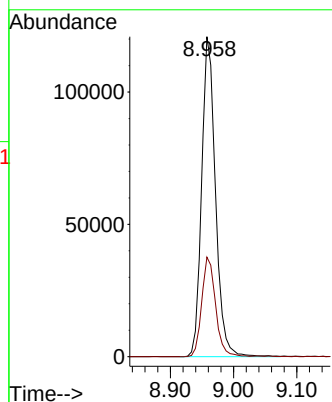
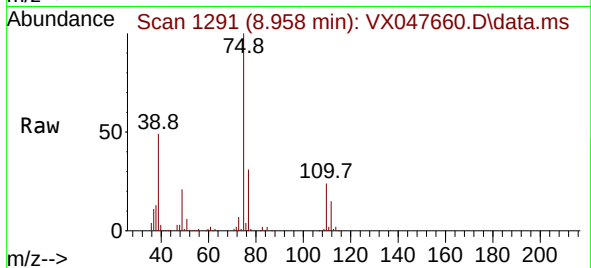
ClientSampleId :

Tgt Ion: 75 Resp: 184125

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.767 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

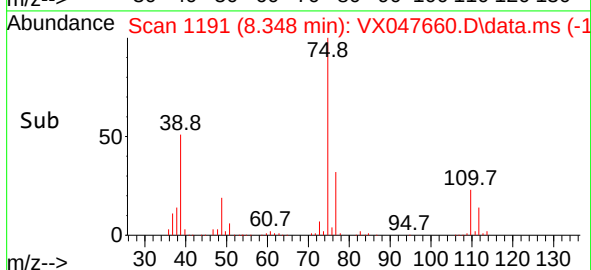
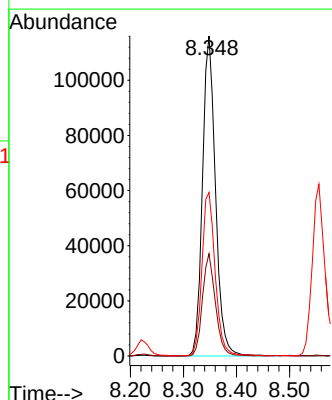
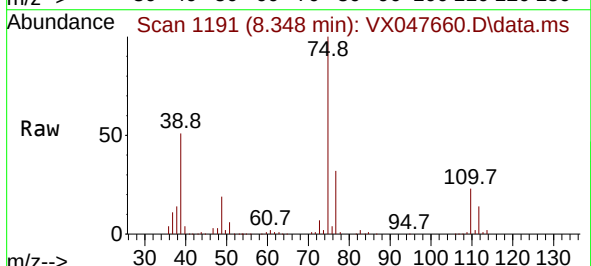
Tgt Ion: 75 Resp: 198129

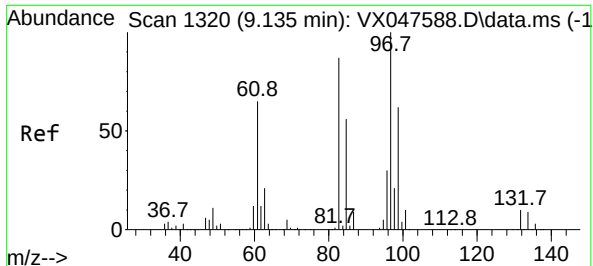
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 51.0 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 50.755 ug/l

RT: 9.135 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 110081

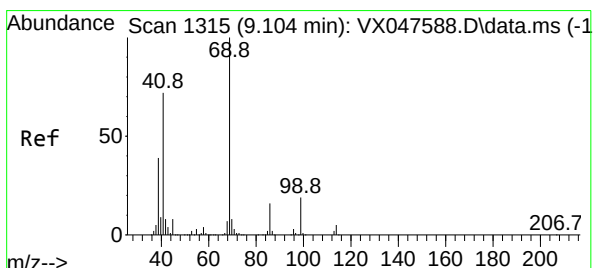
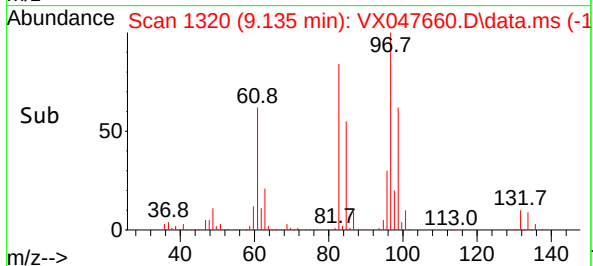
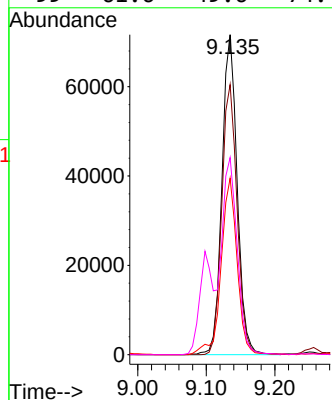
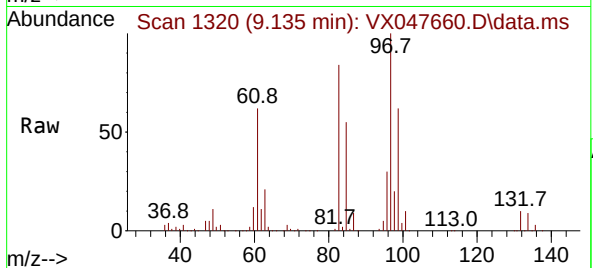
Ion Ratio Lower Upper

97 100

83 84.4 69.6 104.4

85 55.2 45.0 67.6

99 61.6 49.6 74.4



#56

Ethyl methacrylate

Concen: 53.155 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

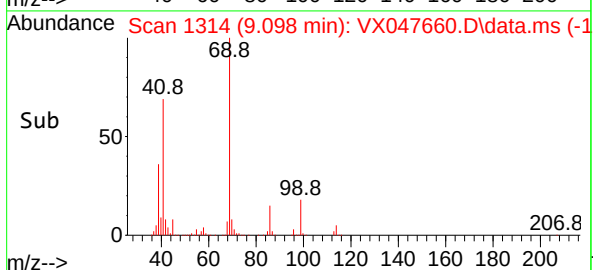
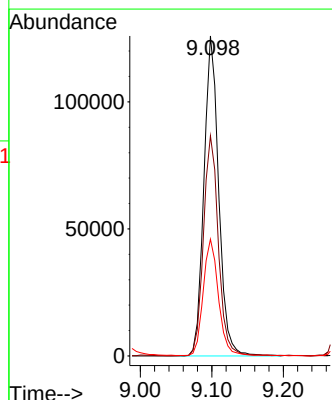
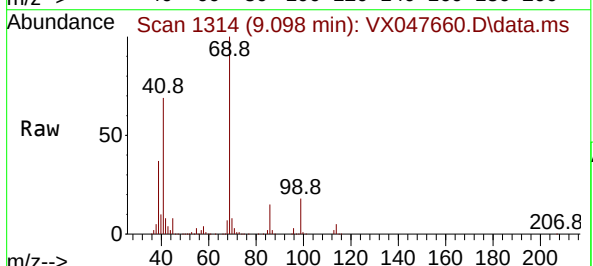
Tgt Ion: 69 Resp: 181056

Ion Ratio Lower Upper

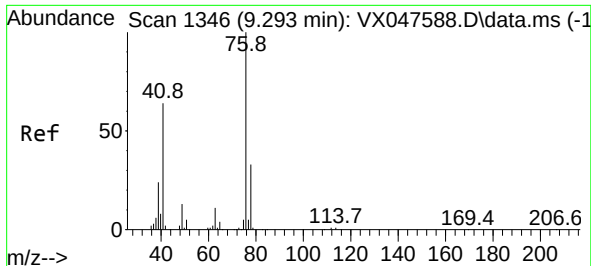
69 100

41 69.5 58.6 87.8

39 37.3 31.5 47.3



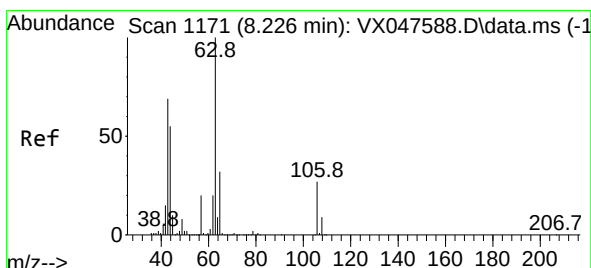
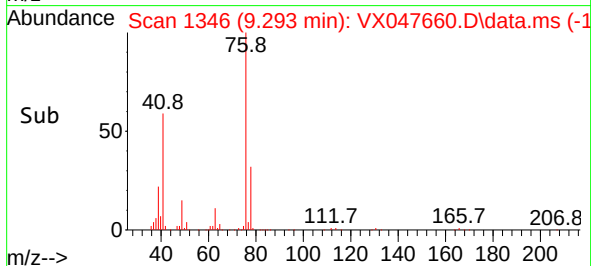
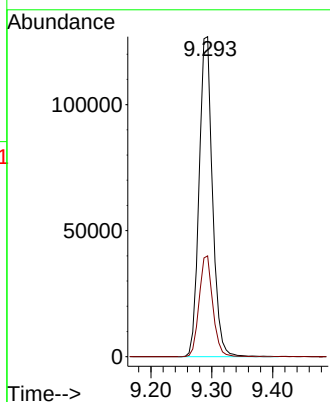
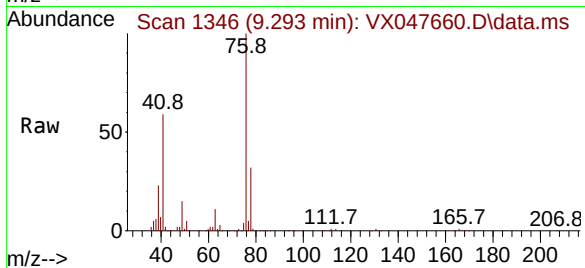




#57  
1,3-Dichloropropane  
Concen: 52.043 ug/l  
RT: 9.293 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

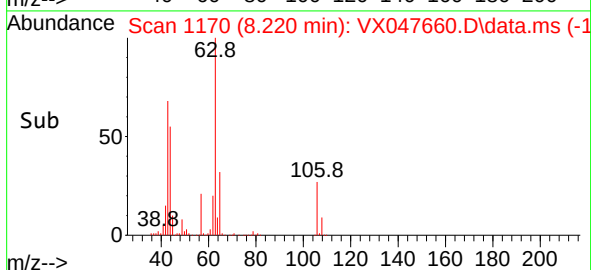
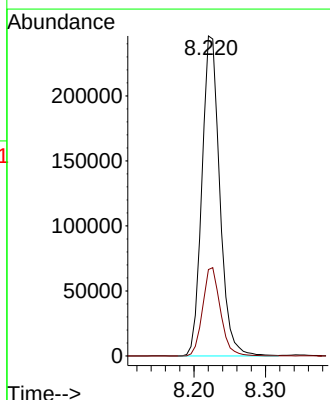
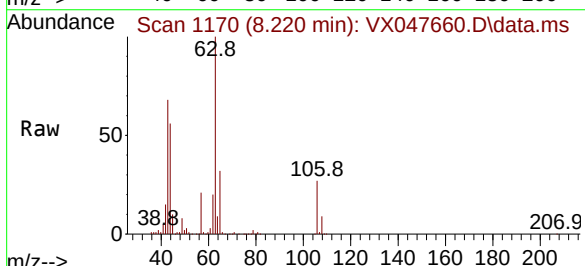
Instrument :  
MSVOA\_X  
ClientSampleId :

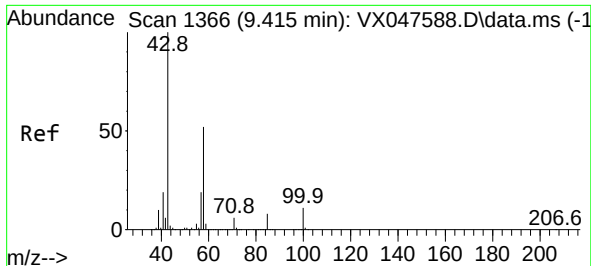
Tgt Ion: 76 Resp: 193901  
Ion Ratio Lower Upper  
76 100  
78 32.1 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 261.332 ug/l  
RT: 8.220 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 63 Resp: 426594  
Ion Ratio Lower Upper  
63 100  
106 27.6 21.9 32.9

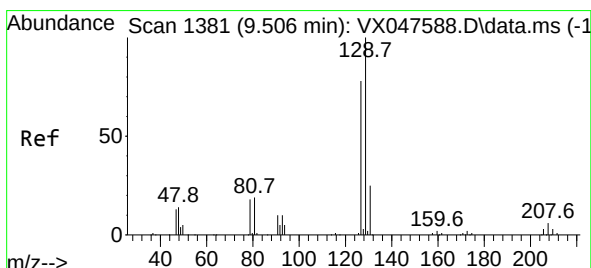
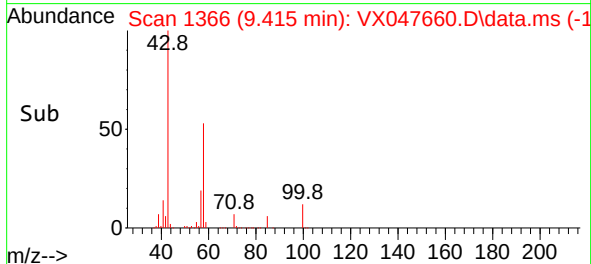
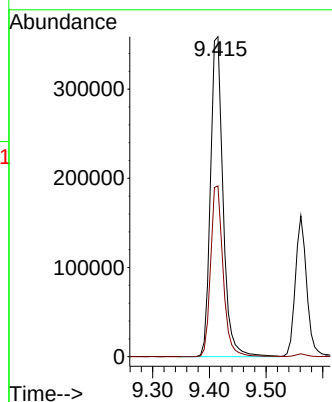
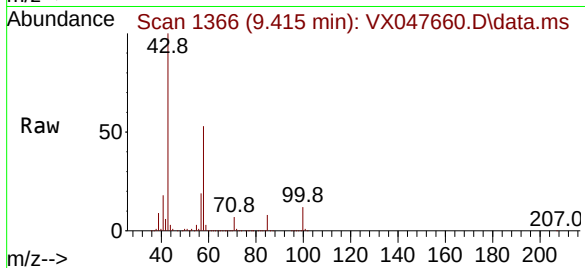




#59  
2-Hexanone  
Concen: 262.497 ug/l  
RT: 9.415 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

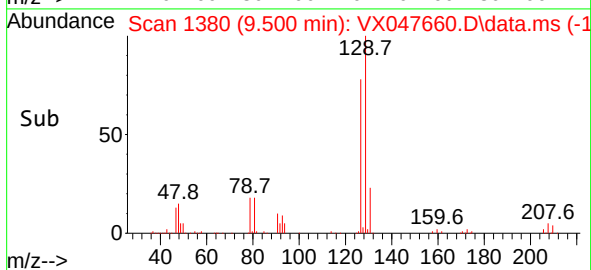
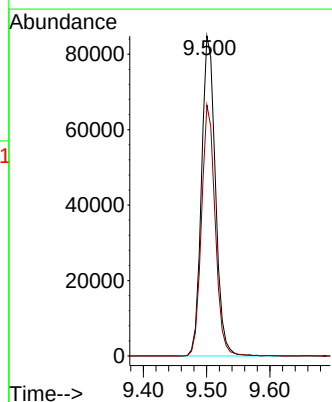
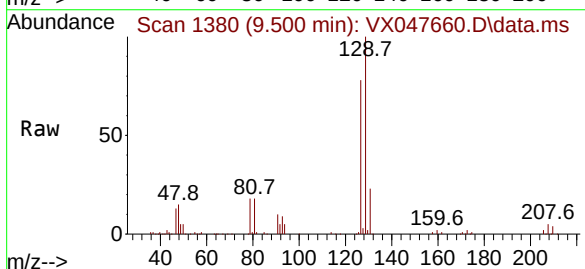
Instrument :  
MSVOA\_X  
ClientSampleId :

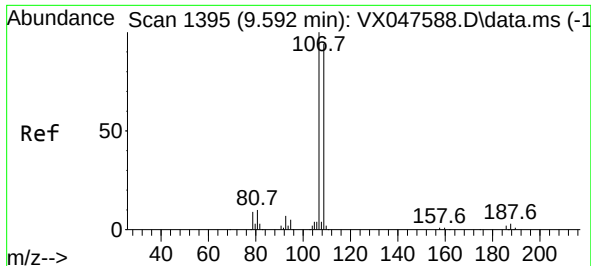
Tgt Ion: 43 Resp: 551745  
Ion Ratio Lower Upper  
43 100  
58 53.3 26.1 78.2



#60  
Dibromochloromethane  
Concen: 51.934 ug/l  
RT: 9.500 min Scan# 1380  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion:129 Resp: 129786  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.4 115.2

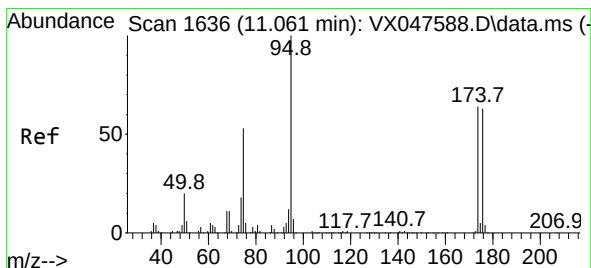
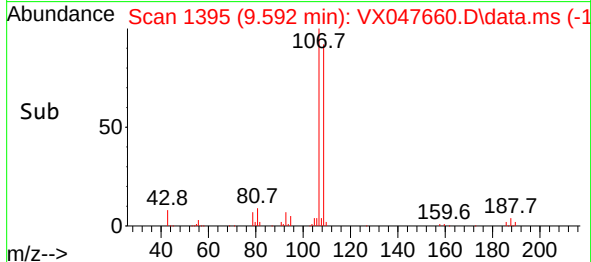
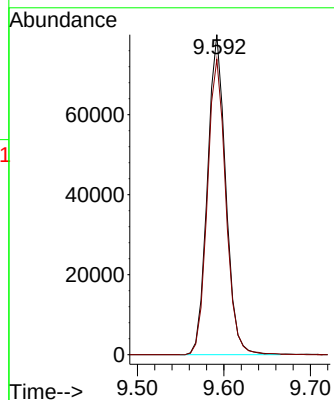
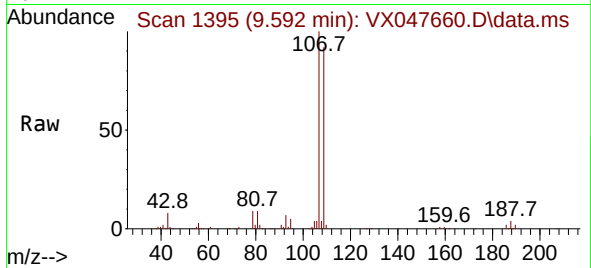




#61  
1,2-Dibromoethane  
Concen: 53.110 ug/l  
RT: 9.592 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

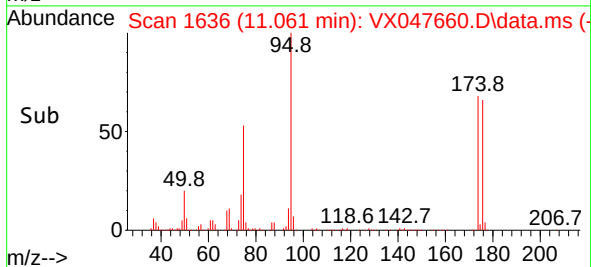
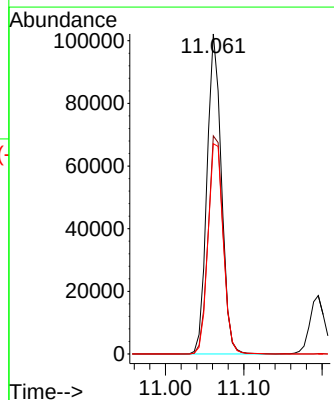
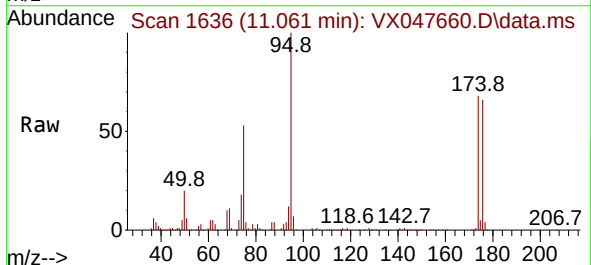
Instrument :  
MSVOA\_X  
ClientSampleId :

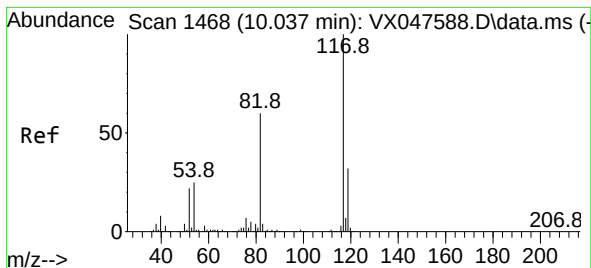
Tgt Ion:107 Resp: 117326  
Ion Ratio Lower Upper  
107 100  
109 93.3 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 48.202 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 95 Resp: 130212  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 141.6  
176 69.3 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

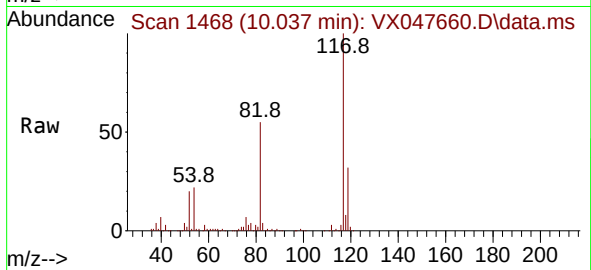
Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :



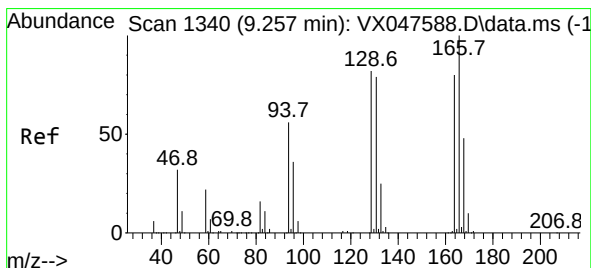
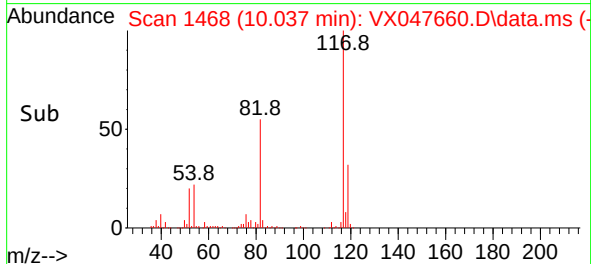
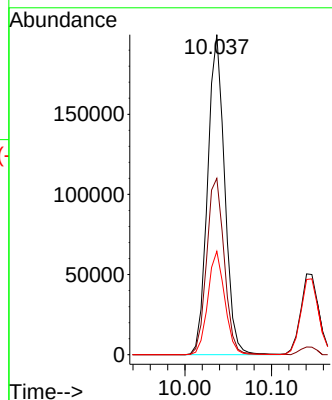
Tgt Ion:117 Resp: 272268

Ion Ratio Lower Upper

117 100

82 55.1 47.8 71.6

119 32.3 25.2 37.8



#64

Tetrachloroethene

Concen: 48.951 ug/l

RT: 9.257 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Tgt Ion:164 Resp: 86883

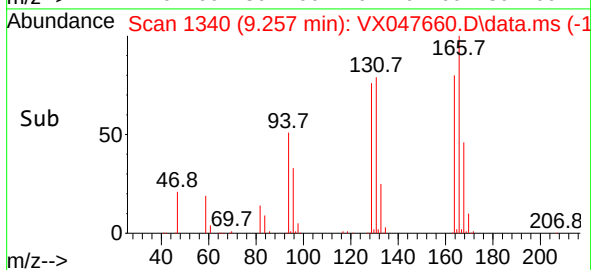
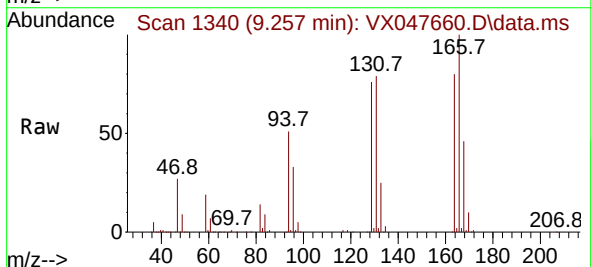
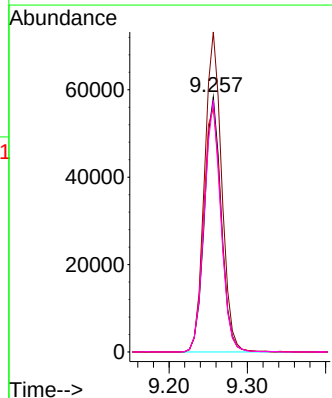
Ion Ratio Lower Upper

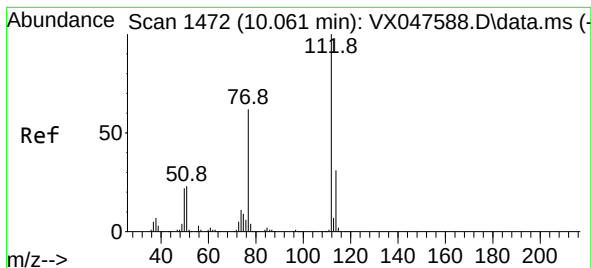
164 100

166 125.5 100.2 150.2

129 95.4 81.8 122.6

131 98.6 78.6 118.0





#65

Chlorobenzene

Concen: 49.899 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

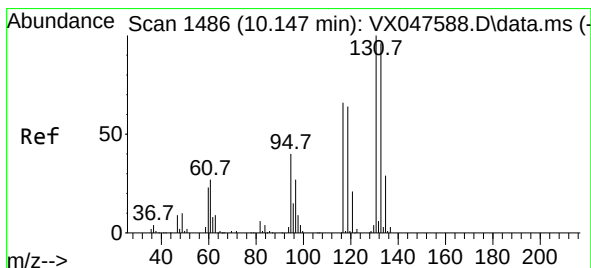
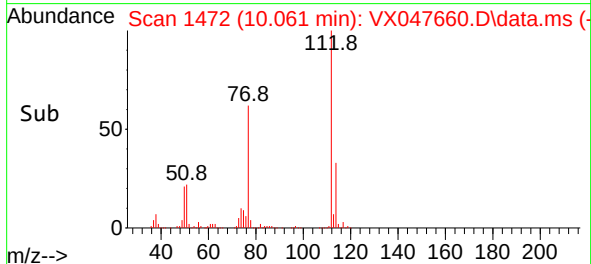
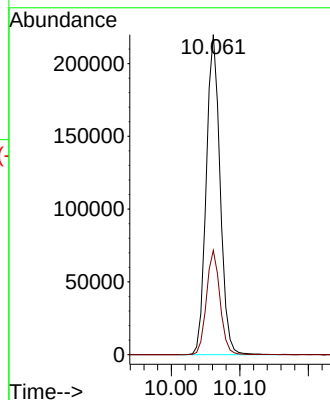
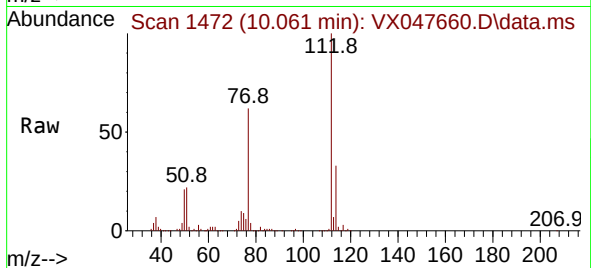
ClientSampleId :

Tgt Ion:112 Resp: 308645

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 50.145 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

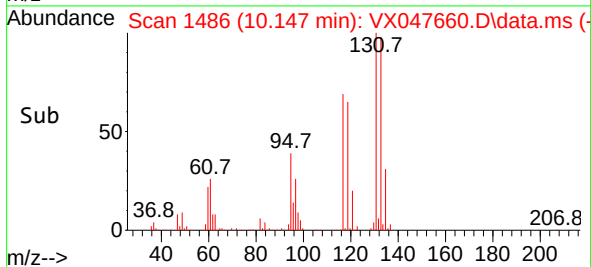
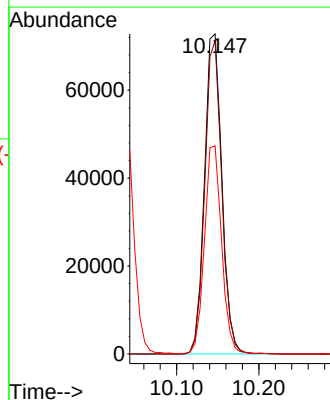
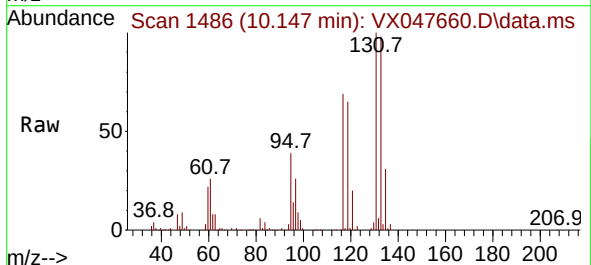
Tgt Ion:131 Resp: 107031

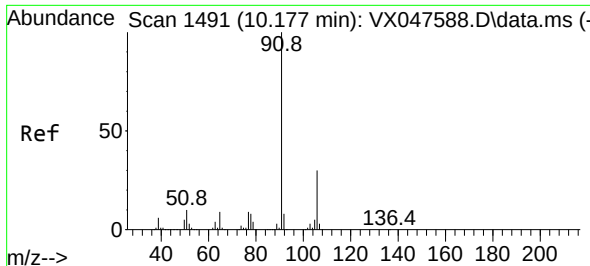
Ion Ratio Lower Upper

131 100

133 95.1 47.3 142.0

119 64.2 32.0 96.0

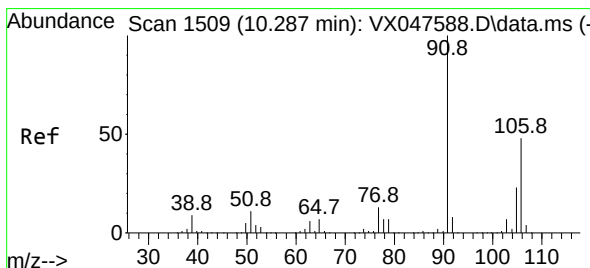
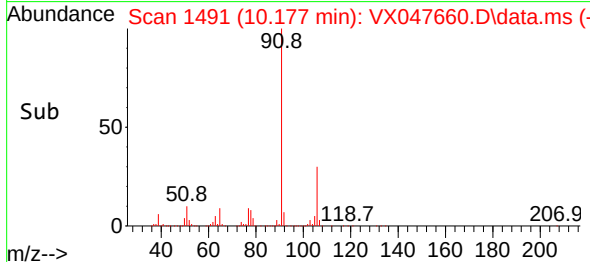
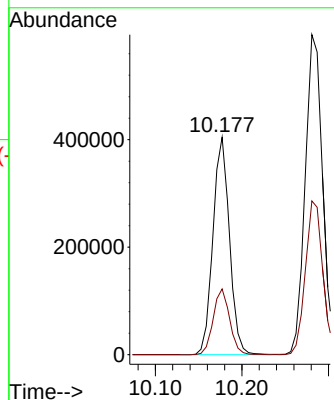
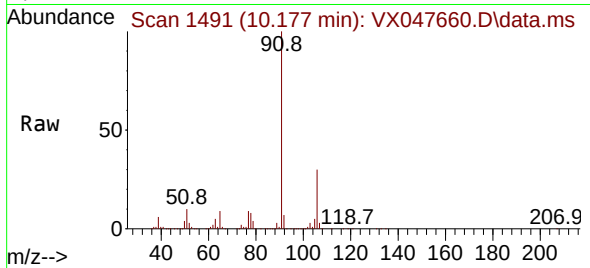




#67  
Ethyl Benzene  
Concen: 50.244 ug/l  
RT: 10.177 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

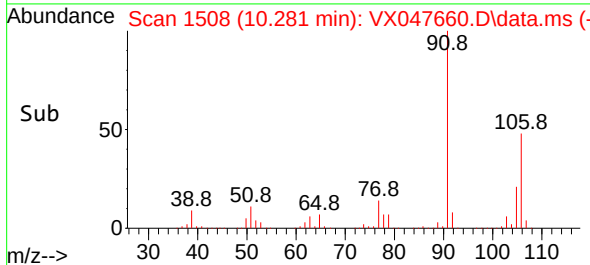
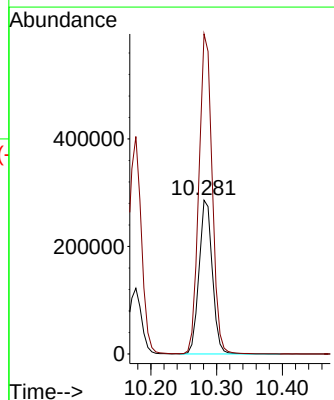
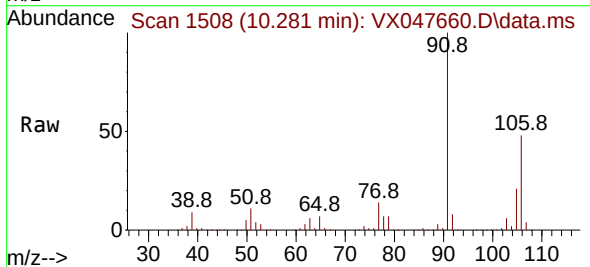
Instrument :  
MSVOA\_X  
ClientSampleId :

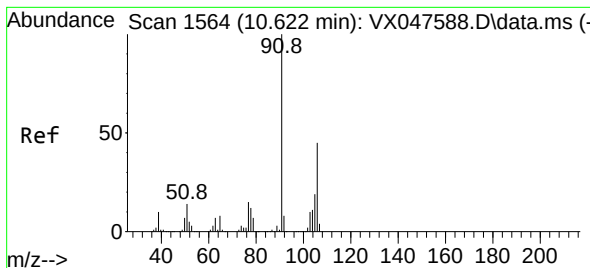
Tgt Ion: 91 Resp: 536224  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.3 36.5



#68  
m/p-Xylenes  
Concen: 100.725 ug/l  
RT: 10.281 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion:106 Resp: 400119  
Ion Ratio Lower Upper  
106 100  
91 208.3 167.8 251.8





#69

o-Xylene

Concen: 50.618 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

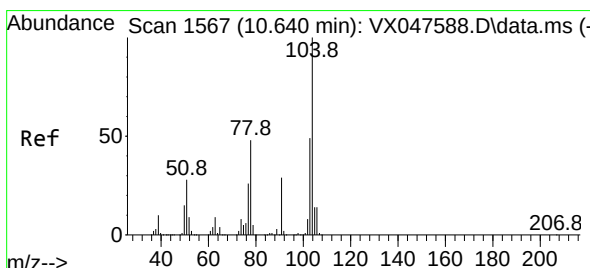
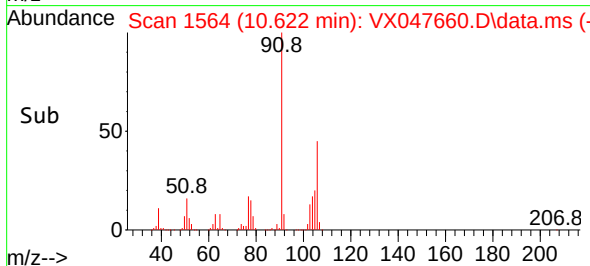
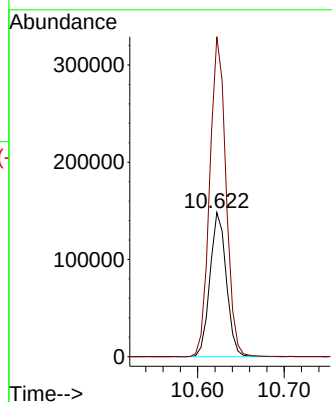
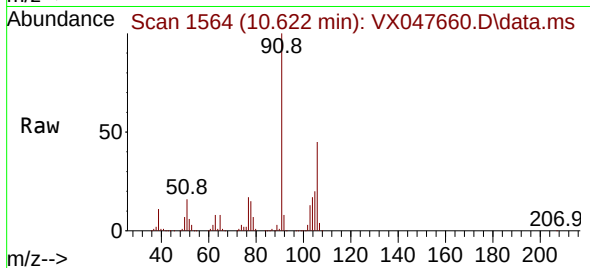
ClientSampleId :

Tgt Ion:106 Resp: 194487

Ion Ratio Lower Upper

106 100

91 220.8 111.1 333.4



#70

Styrene

Concen: 51.440 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

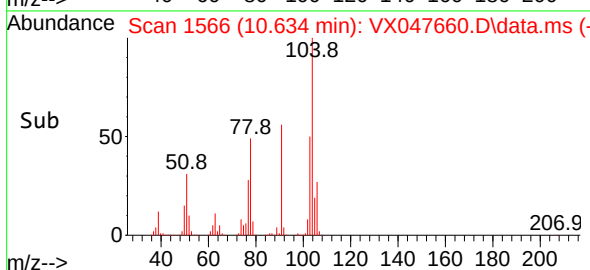
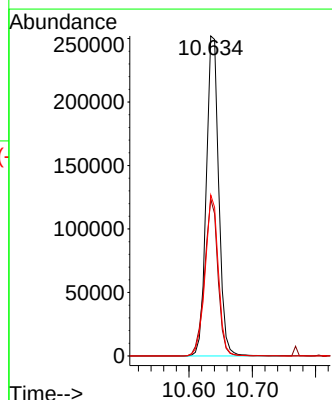
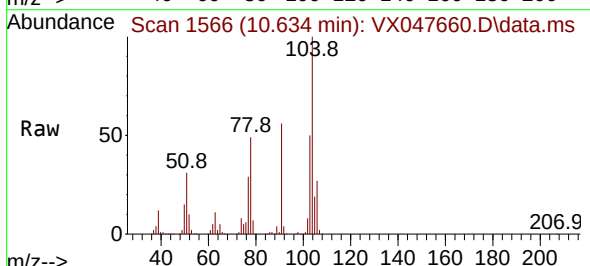
Tgt Ion:104 Resp: 346312

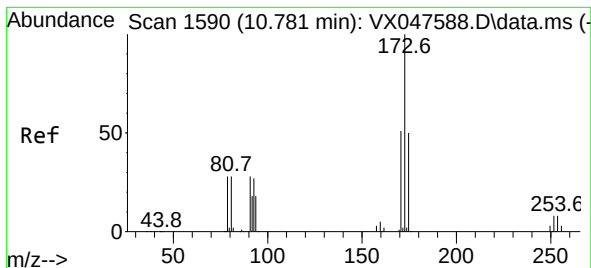
Ion Ratio Lower Upper

104 100

78 52.4 43.1 64.7

103 53.1 43.1 64.7





#71

Bromoform

Concen: 50.872 ug/l

RT: 10.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :

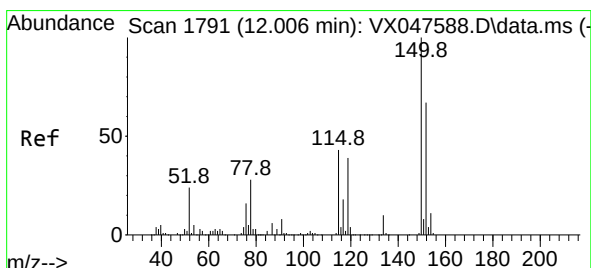
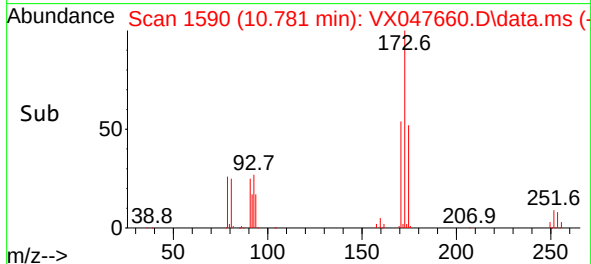
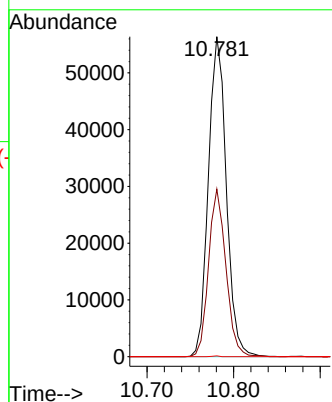
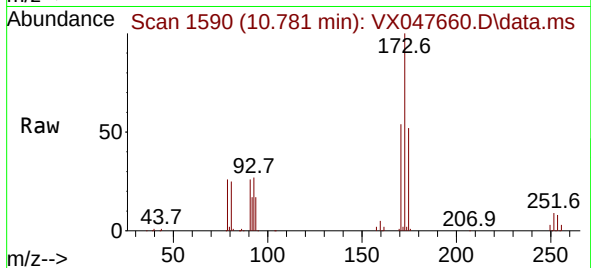
Tgt Ion:173 Resp: 81077

Ion Ratio Lower Upper

173 100

175 50.6 24.9 74.6

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

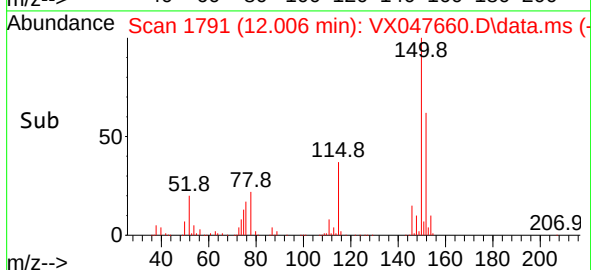
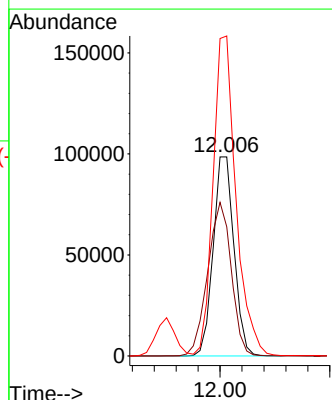
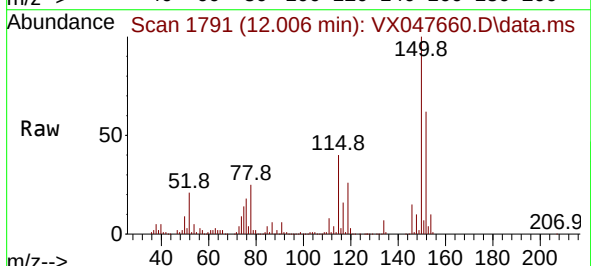
Tgt Ion:152 Resp: 129778

Ion Ratio Lower Upper

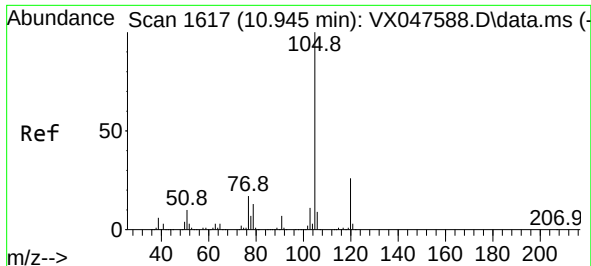
152 100

115 87.7 44.9 134.5

150 176.7 0.0 352.0

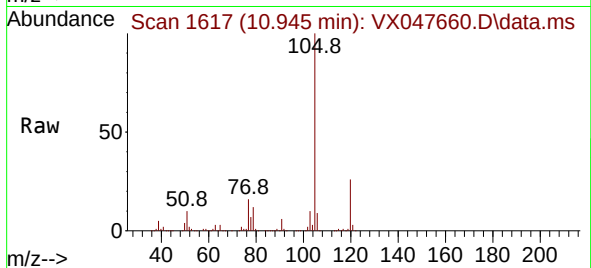




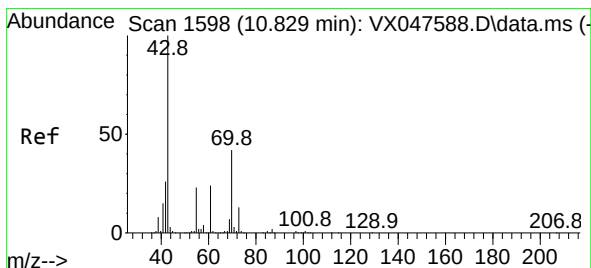
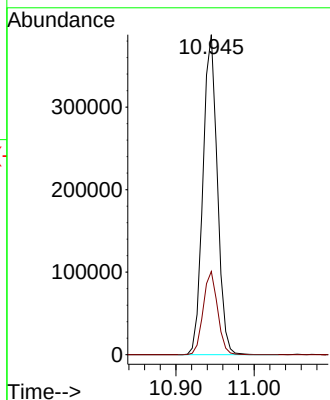
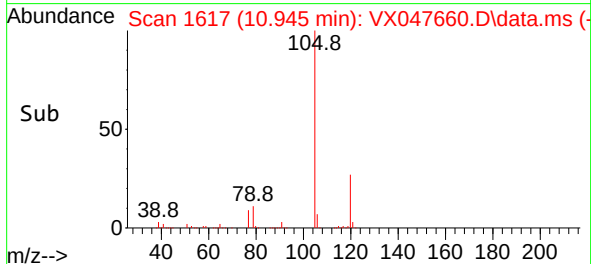


#73  
Isopropylbenzene  
Concen: 50.005 ug/l  
RT: 10.945 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

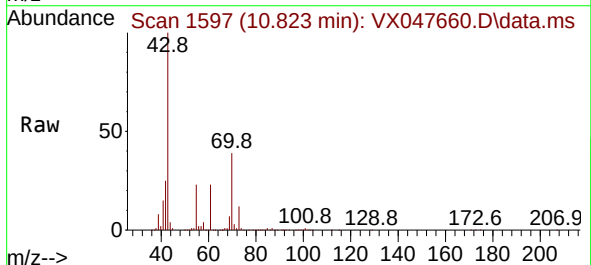
Instrument :  
MSVOA\_X  
ClientSampleId :



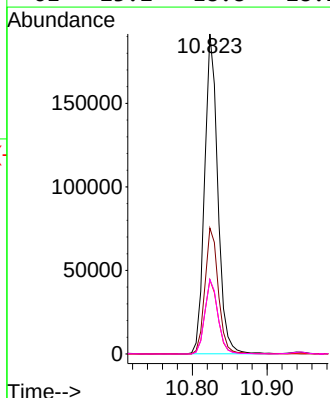
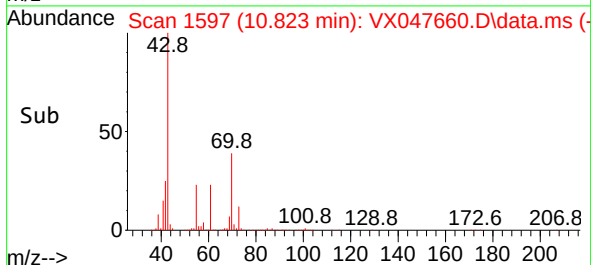
Tgt Ion:105 Resp: 493376  
Ion Ratio Lower Upper  
105 100  
120 26.0 12.8 38.4

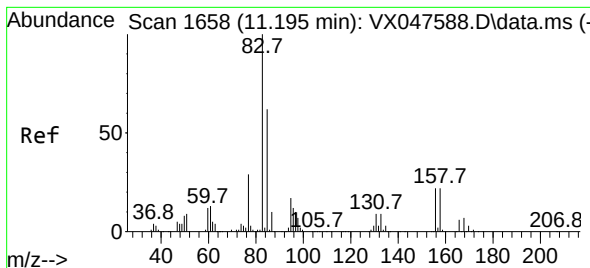


#74  
N-ethyl acetate  
Concen: 52.208 ug/l  
RT: 10.823 min Scan# 1597  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22



Tgt Ion: 43 Resp: 234901  
Ion Ratio Lower Upper  
43 100  
70 40.1 32.0 48.0  
55 23.3 18.9 28.3  
61 23.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.895 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :

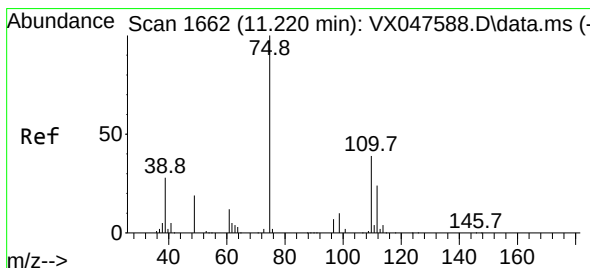
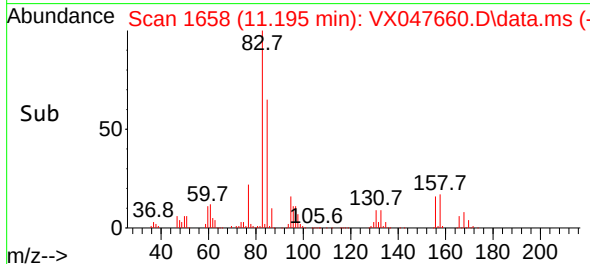
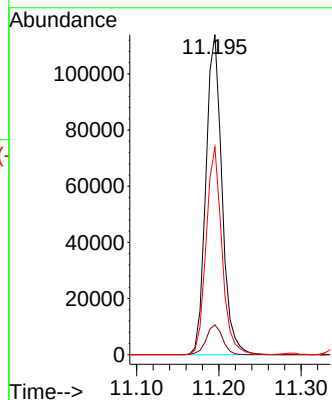
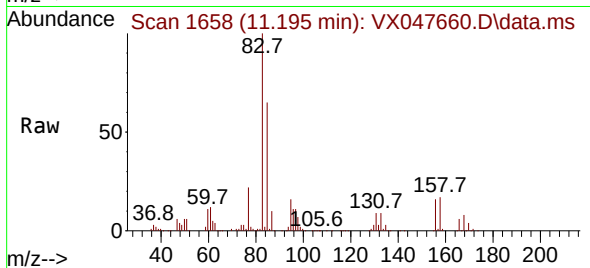
Tgt Ion: 83 Resp: 154912

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 63.6 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 66.263 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. -0.000 min

Lab File: VX047660.D

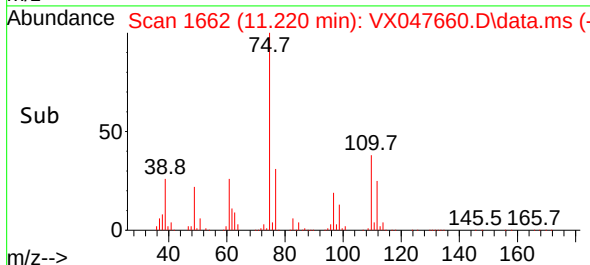
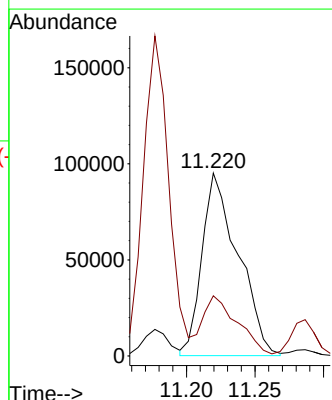
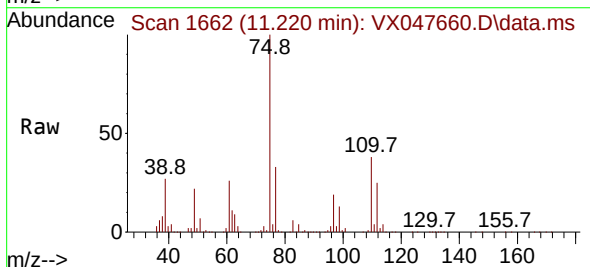
Acq: 19 Sep 2025 09:22

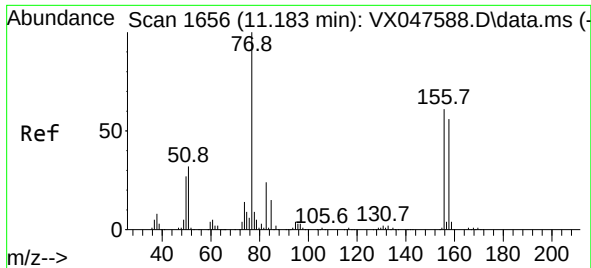
Tgt Ion: 75 Resp: 174114

Ion Ratio Lower Upper

75 100

77 32.5 18.8 56.4

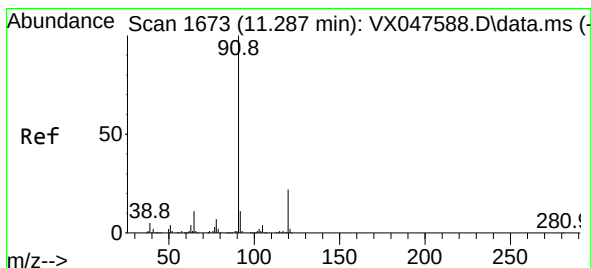
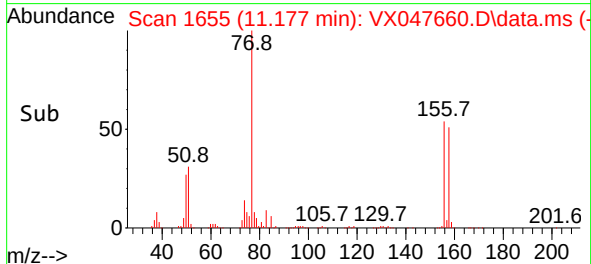
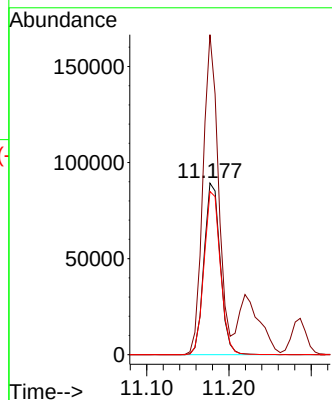
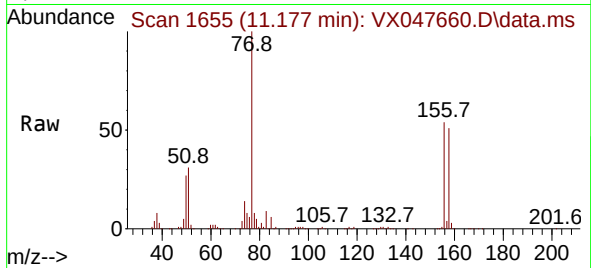




#77  
Bromobenzene  
Concen: 50.172 ug/l  
RT: 11.177 min Scan# 1655  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

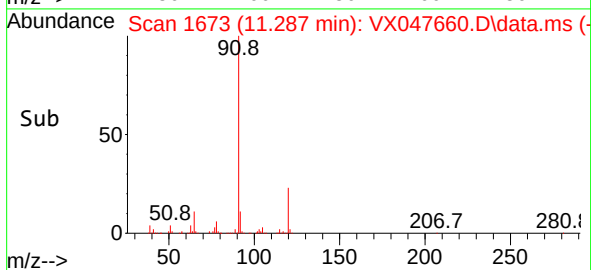
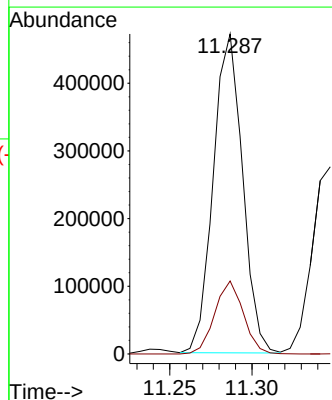
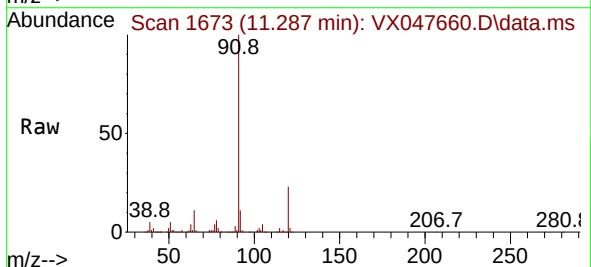
Instrument :  
MSVOA\_X  
ClientSampleId :

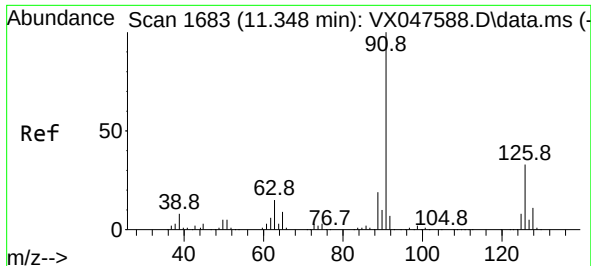
Tgt Ion:156 Resp: 121922  
Ion Ratio Lower Upper  
156 100  
77 177.6 89.7 269.1  
158 96.4 47.9 143.6



#78  
n-propylbenzene  
Concen: 50.018 ug/l  
RT: 11.287 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 91 Resp: 583388  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.1 33.1

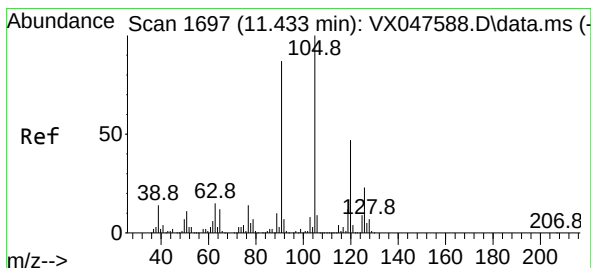
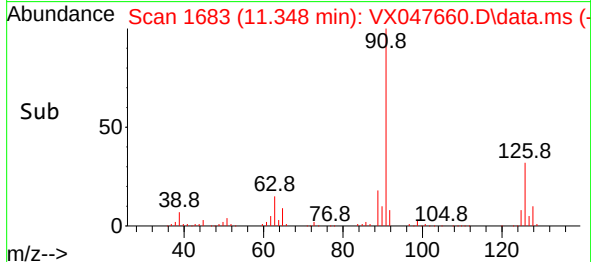
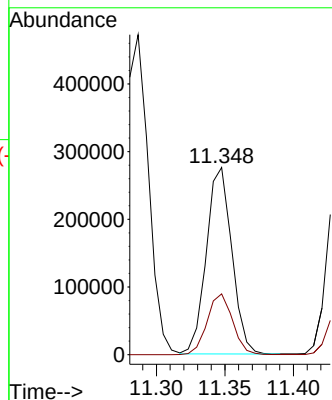
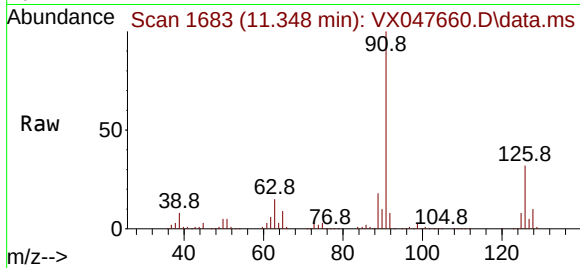




#79  
2-Chlorotoluene  
Concen: 49.875 ug/l  
RT: 11.348 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

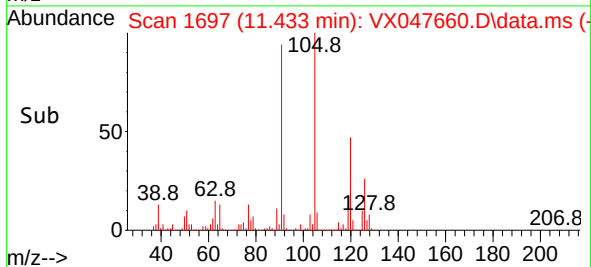
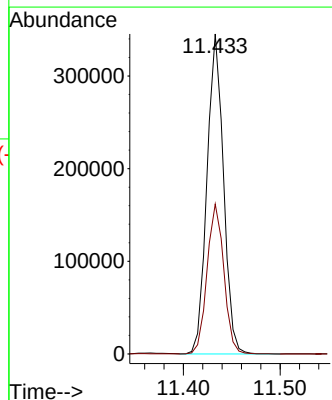
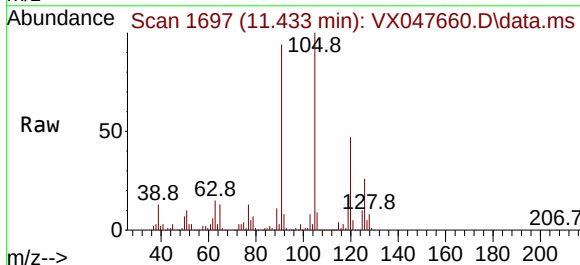
Instrument :  
MSVOA\_X  
ClientSampleId :

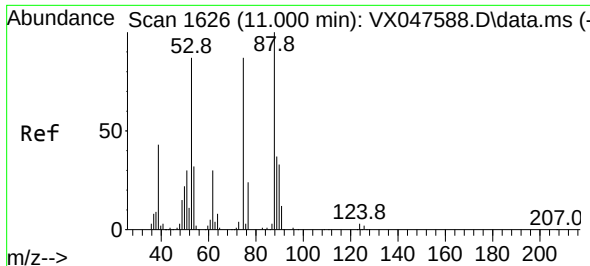
Tgt Ion: 91 Resp: 356287  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.1 48.3



#80  
1,3,5-Trimethylbenzene  
Concen: 50.523 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 105 Resp: 409554  
Ion Ratio Lower Upper  
105 100  
120 47.7 23.6 70.8

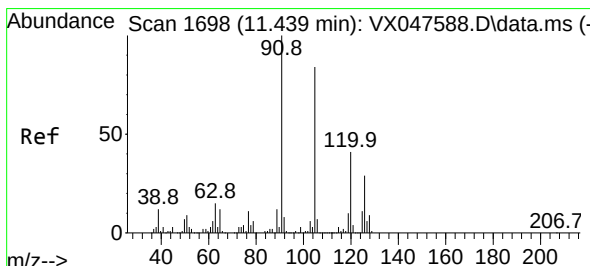
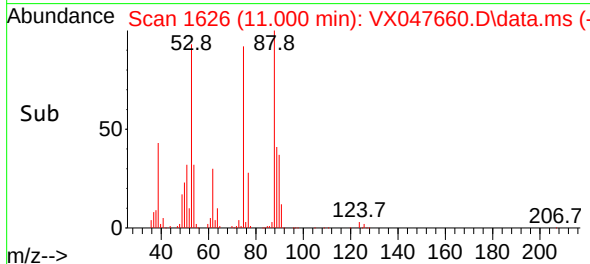
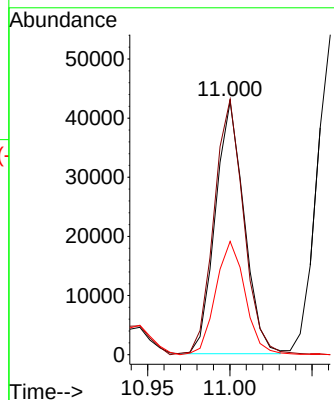
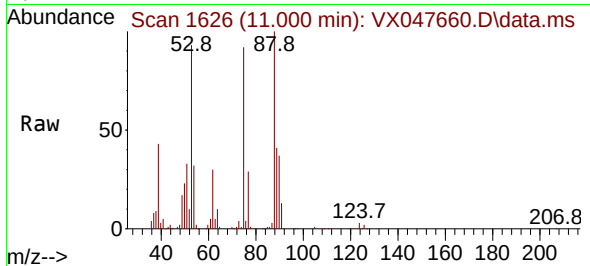




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.440 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

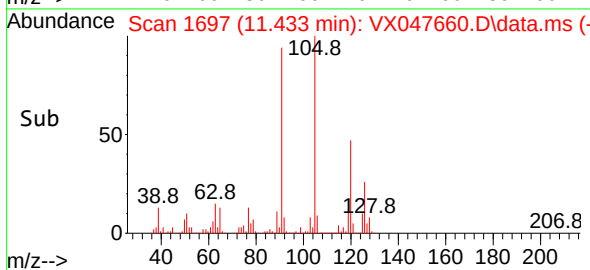
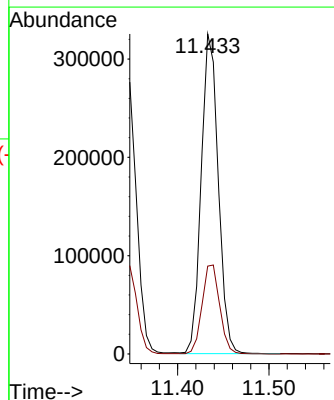
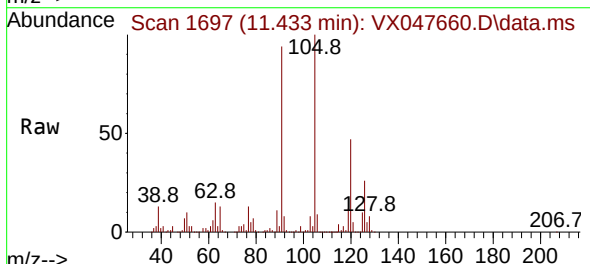
Instrument :  
MSVOA\_X  
ClientSampleId :

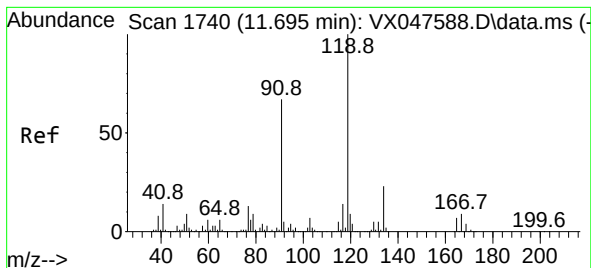
Tgt Ion: 75 Resp: 51972  
Ion Ratio Lower Upper  
75 100  
53 104.6 83.4 125.2  
89 46.1 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 49.932 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 91 Resp: 421274  
Ion Ratio Lower Upper  
91 100  
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.196 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :

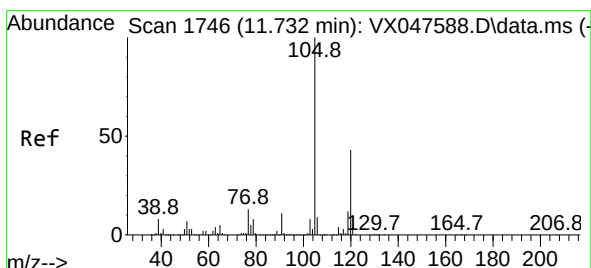
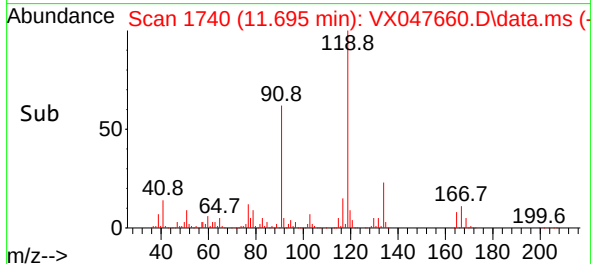
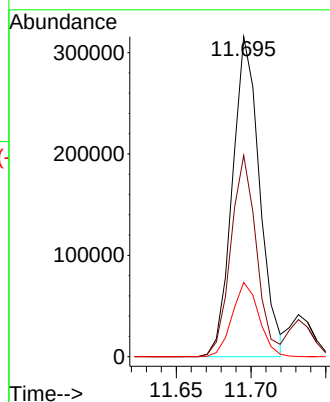
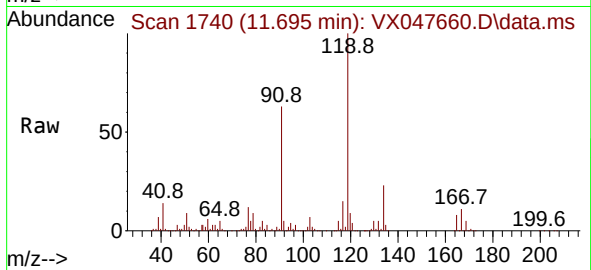
Tgt Ion:119 Resp: 399938

Ion Ratio Lower Upper

119 100

91 59.6 29.6 88.8

134 22.8 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 50.508 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX047660.D

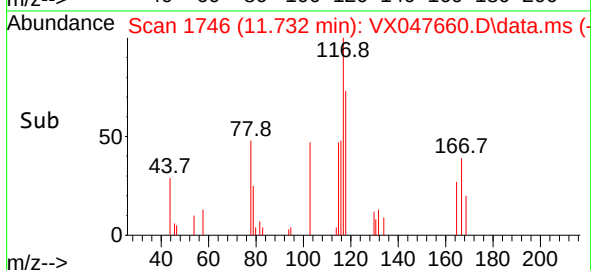
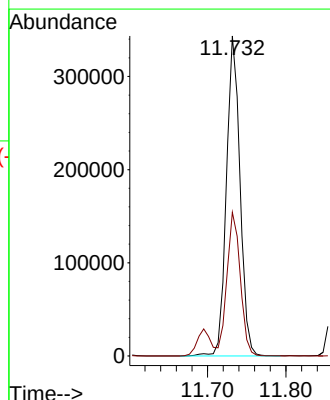
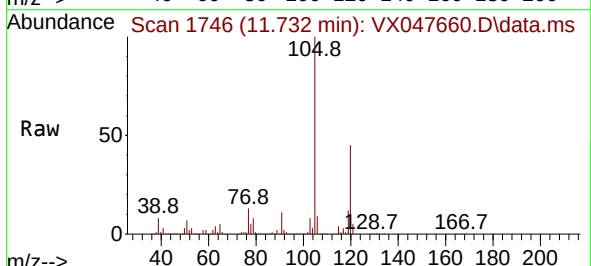
Acq: 19 Sep 2025 09:22

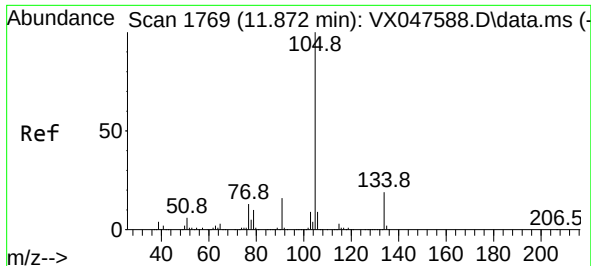
Tgt Ion:105 Resp: 415095

Ion Ratio Lower Upper

105 100

120 43.8 22.1 66.1

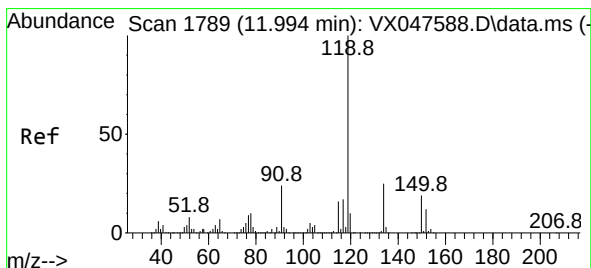
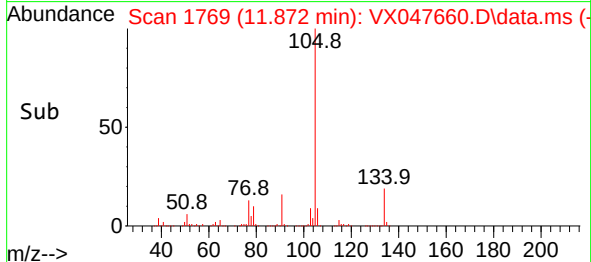
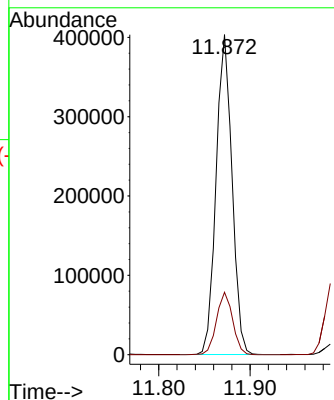
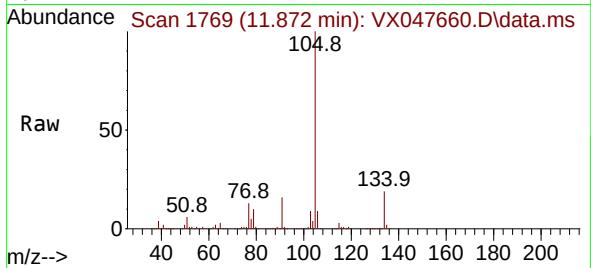




#85  
 sec-Butylbenzene  
 Concen: 49.622 ug/l  
 RT: 11.872 min Scan# 1769  
 Delta R.T. 0.000 min  
 Lab File: VX047660.D  
 Acq: 19 Sep 2025 09:22

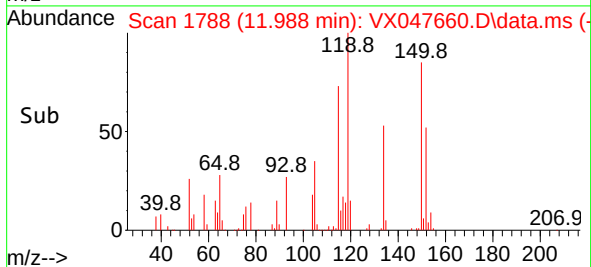
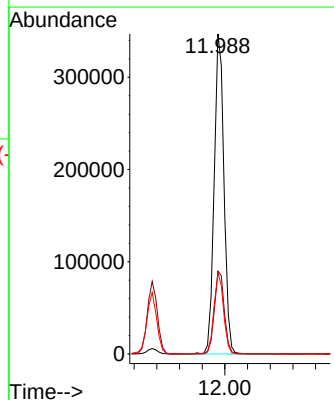
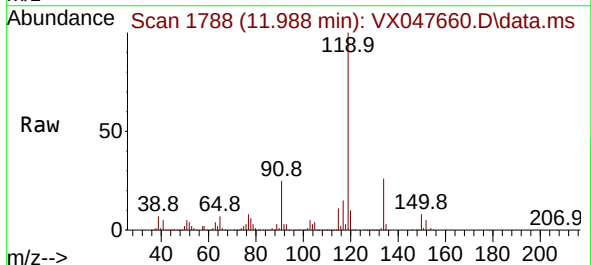
Instrument :  
 MSVOA\_X  
 ClientSampleId :

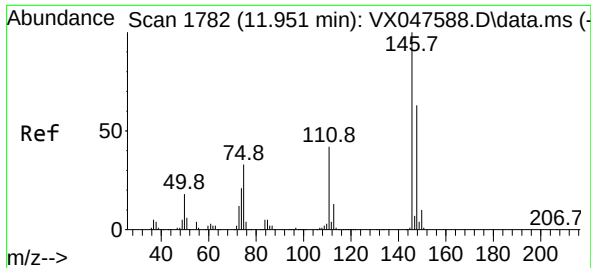
Tgt Ion:105 Resp: 489102  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.5



#86  
 p-Isopropyltoluene  
 Concen: 49.757 ug/l  
 RT: 11.988 min Scan# 1788  
 Delta R.T. -0.006 min  
 Lab File: VX047660.D  
 Acq: 19 Sep 2025 09:22

Tgt Ion:119 Resp: 415198  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.6 37.8  
 91 25.0 12.6 37.6

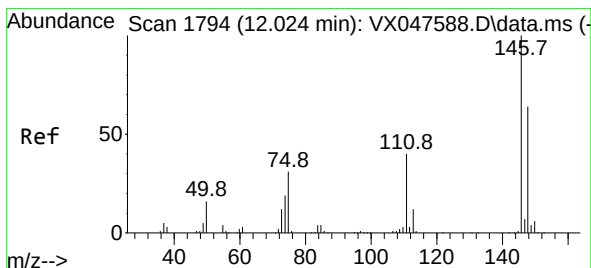
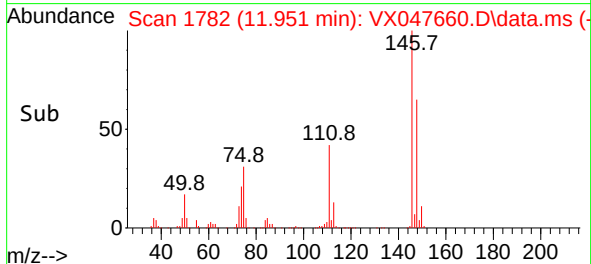
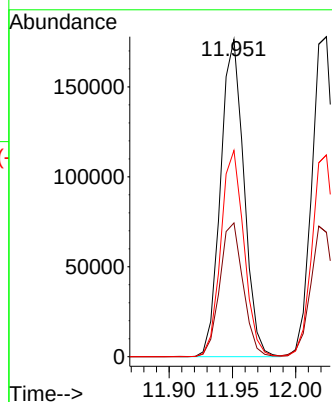
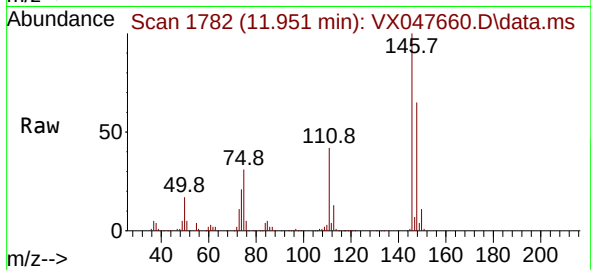




#87  
1,3-Dichlorobenzene  
Concen: 50.139 ug/l  
RT: 11.951 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

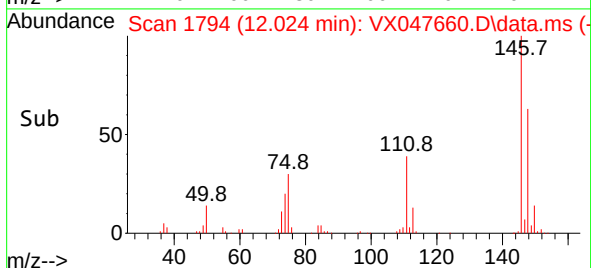
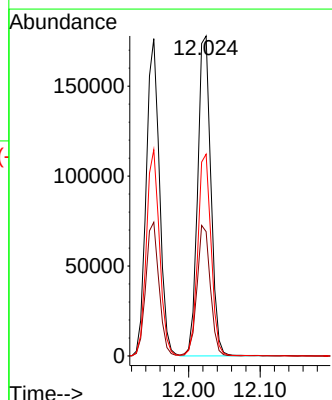
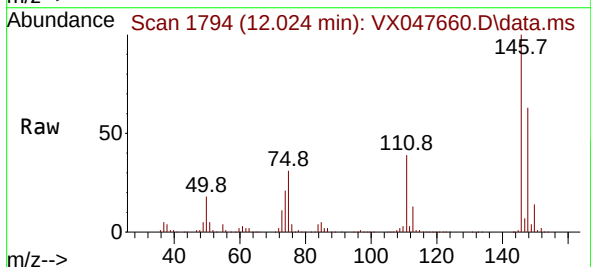
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:146 Resp: 226308  
Ion Ratio Lower Upper  
146 100  
111 42.2 21.5 64.5  
148 64.3 32.0 96.0

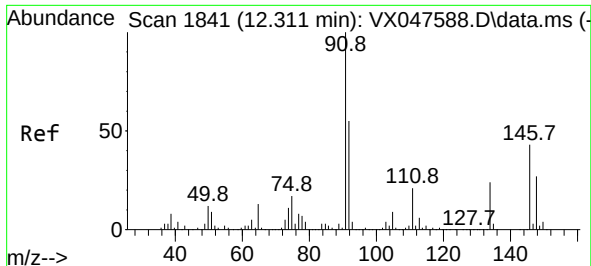


#88  
1,4-Dichlorobenzene  
Concen: 49.138 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion:146 Resp: 227633  
Ion Ratio Lower Upper  
146 100  
111 40.9 20.8 62.4  
148 63.1 31.7 95.1







#89

n-Butylbenzene

Concen: 50.022 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :

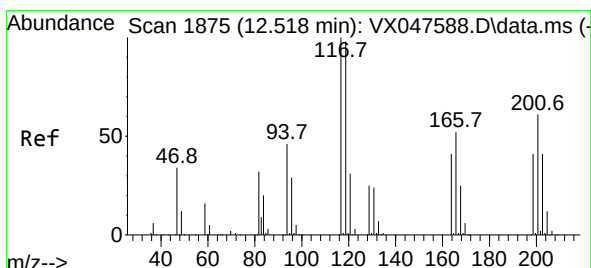
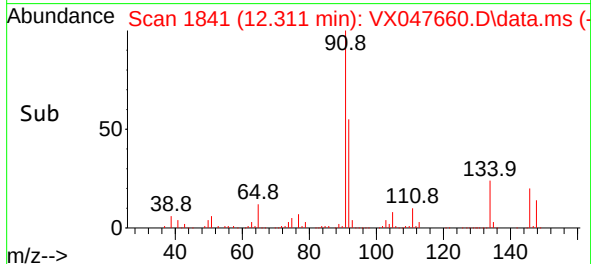
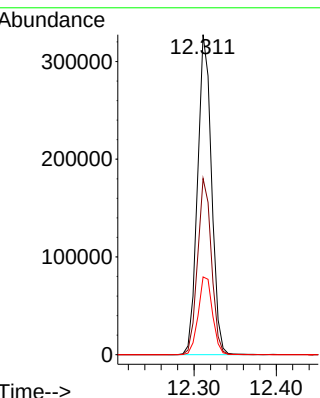
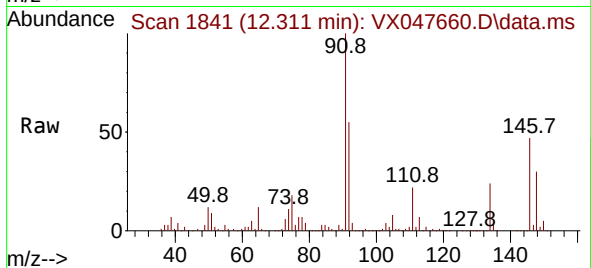
Tgt Ion: 91 Resp: 386234

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.7

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 49.913 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047660.D

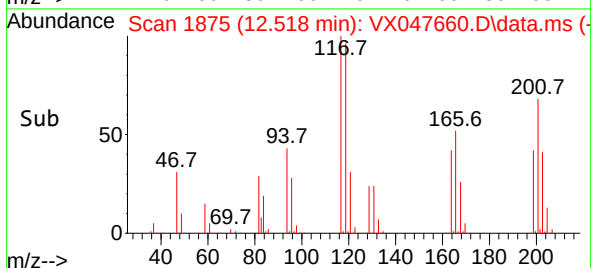
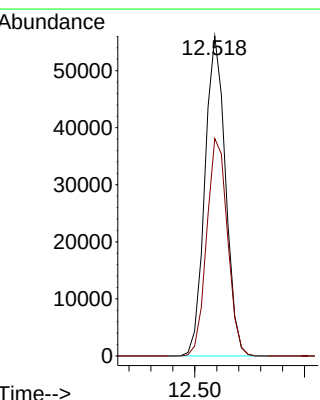
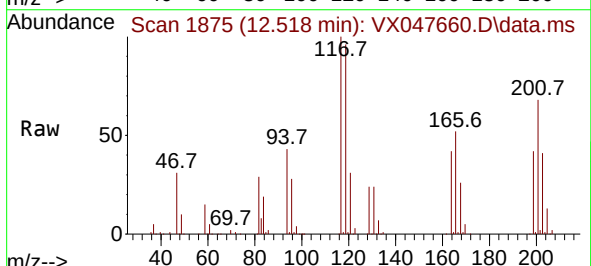
Acq: 19 Sep 2025 09:22

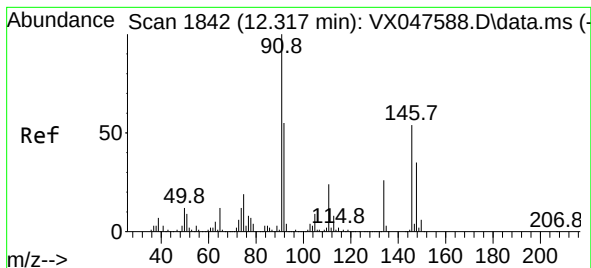
Tgt Ion: 117 Resp: 73125

Ion Ratio Lower Upper

117 100

201 68.7 34.2 102.5

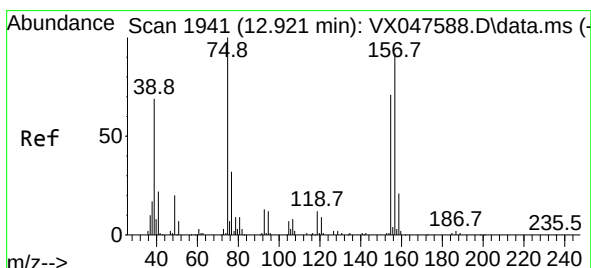
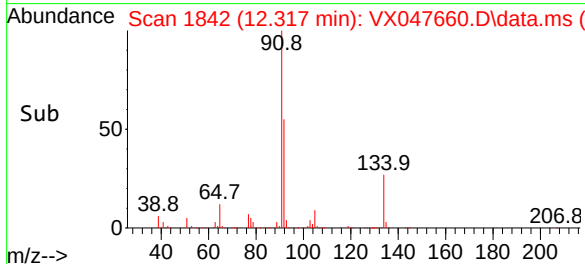
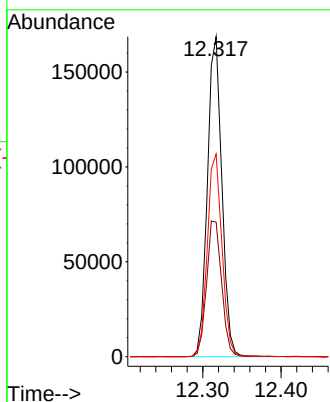
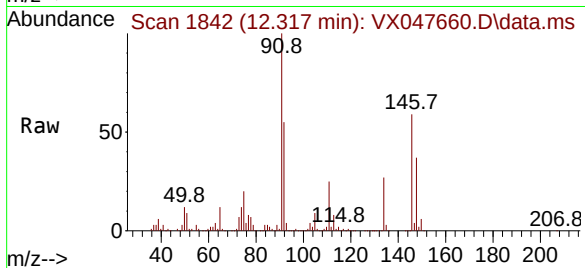




#91  
1,2-Dichlorobenzene  
Concen: 50.084 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

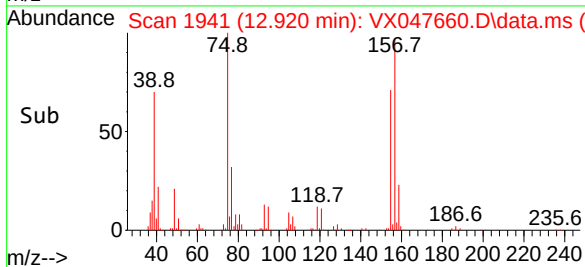
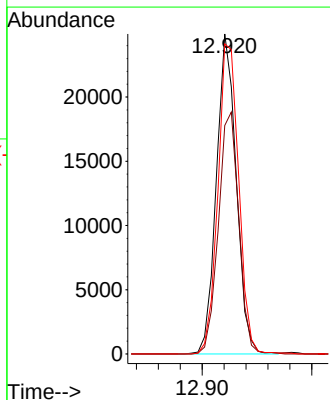
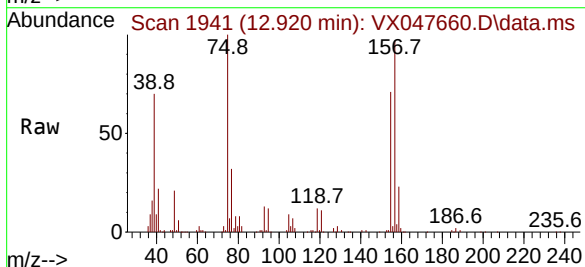
Instrument :  
MSVOA\_X  
ClientSampleId :

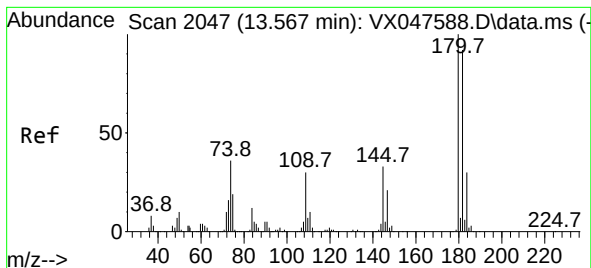
Tgt Ion:146 Resp: 215367  
Ion Ratio Lower Upper  
146 100  
111 44.3 22.2 66.6  
148 64.2 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.864 ug/l  
RT: 12.920 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: VX047660.D  
Acq: 19 Sep 2025 09:22

Tgt Ion: 75 Resp: 31345  
Ion Ratio Lower Upper  
75 100  
155 77.8 37.7 113.1  
157 101.7 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 50.643 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :

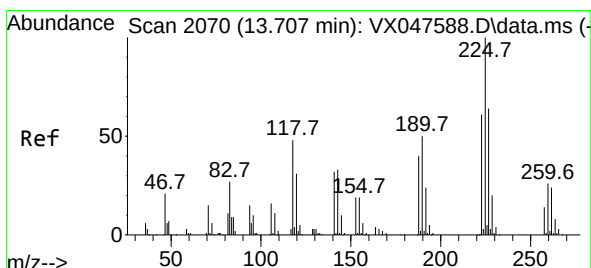
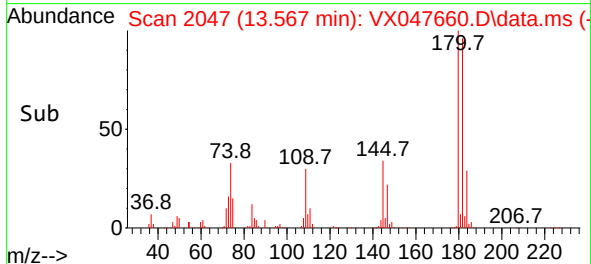
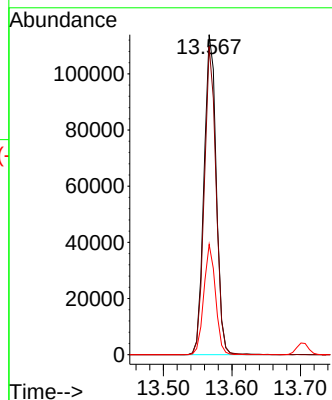
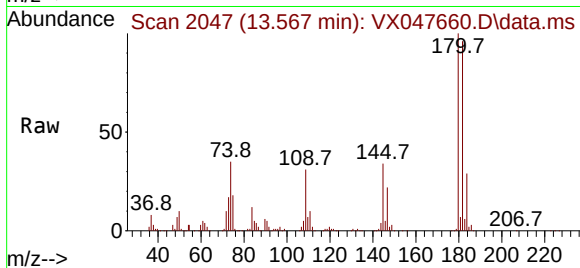
Tgt Ion:180 Resp: 141532

Ion Ratio Lower Upper

180 100

182 92.9 46.6 139.8

145 32.9 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.957 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

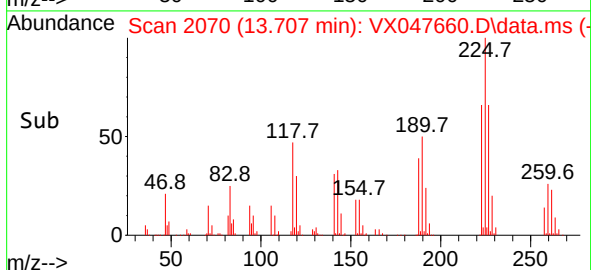
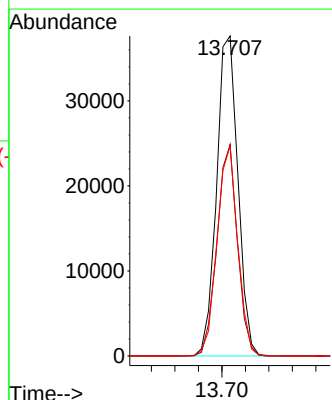
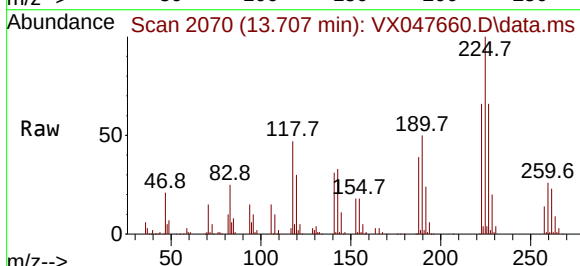
Tgt Ion:225 Resp: 47423

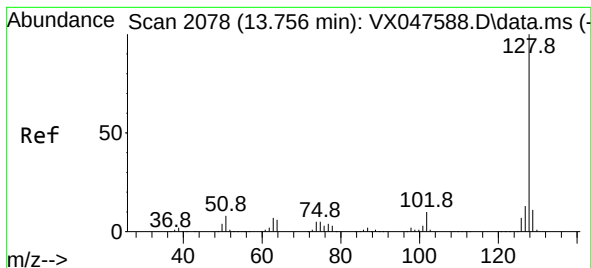
Ion Ratio Lower Upper

225 100

223 63.3 31.7 95.1

227 63.3 32.0 96.0





#95

Naphthalene

Concen: 50.373 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA\_X

ClientSampleId :

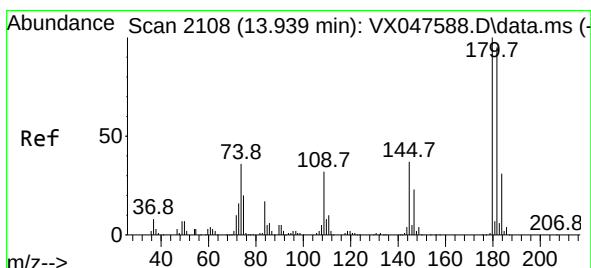
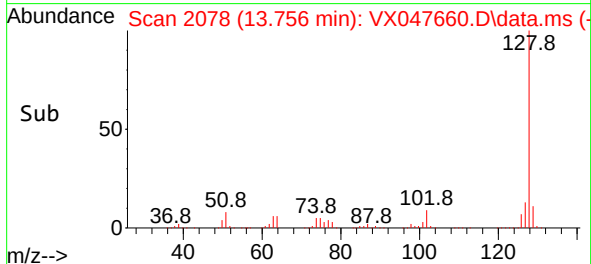
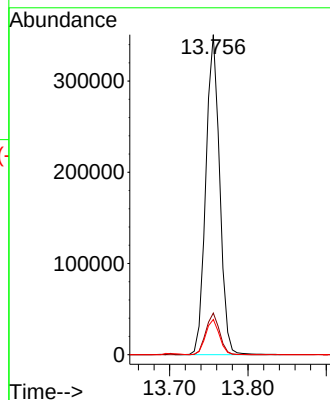
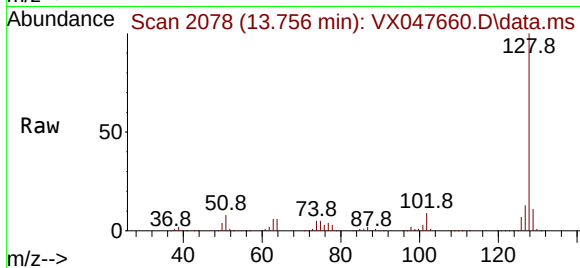
Tgt Ion:128 Resp: 428676

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.304 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Tgt Ion:180 Resp: 133374

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 34.3 17.9 53.7

