

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100825\  
 Data File : VX048061.D  
 Acq On : 08 Oct 2025 09:44  
 Operator : JC/MD  
 Sample : VX1008MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1008MBL01

Quant Time: Oct 09 04:49:41 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  | 107874              | 50.000 | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene       | 6.739          | 114  | 219783              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.037         | 117  | 225175              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006         | 152  | 107369              | 50.000 | ug/l   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.934          | 65   | 95946               | 55.877 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = 111.760% |        |        |          |
| 35) Dibromofluoromethane      | 5.367          | 113  | 78804               | 53.463 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 106.920% |        |        |          |
| 50) Toluene-d8                | 8.635          | 98   | 271064              | 53.147 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = 106.300% |        |        |          |
| 62) 4-Bromofluorobenzene      | 11.061         | 95   | 112844              | 58.298 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 116.600% |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        | Qvalue |          |
| 5) Bromomethane               | 1.630          | 94   | 510                 | 0.560  | ug/l   | 86       |
| 10) Methyl Iodide             | 2.471          | 142  | 1857                | 0.954  | ug/l # | 91       |
| 11) Tert butyl alcohol        | 2.947          | 59   | 205                 | 1.072  | ug/l # | 72       |
| 13) Acrolein                  | 2.227          | 56   | 231                 | 1.311  | ug/l # | 55       |
| 15) Acrylonitrile             | 3.069          | 53   | 470                 | 0.664  | ug/l # | 89       |
| 16) Acetone                   | 2.374          | 43   | 858                 | 1.149  | ug/l   | 98       |
| 17) Carbon Disulfide          | 2.514          | 76   | 2175                | 0.620  | ug/l # | 76       |
| 18) Methyl Acetate            | 2.697          | 43   | 644                 | 0.388  | ug/l # | 54       |
| 20) Methylene Chloride        | 2.788          | 84   | 501                 | 0.317  | ug/l # | 82       |
| 29) Tetrahydrofuran           | 5.007          | 42   | 208                 | 0.371  | ug/l # | 34       |
| 38) Carbon Tetrachloride      | 5.538          | 117  | 12102               | 5.171  | ug/l # | 19       |
| 39) Methylcyclohexane         | 7.354          | 83   | 691                 | 0.283  | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.568          | 43   | 748                 | 0.357  | ug/l # | 53       |
| 58) 2-Chloroethyl Vinyl ether | 8.245          | 63   | 60                  | 7.944  | ug/l # | 47       |
| 59) 2-Hexanone                | 9.427          | 43   | 416                 | 0.276  | ug/l   | 88       |
| 64) Tetrachloroethene         | 9.257          | 164  | 311                 | 0.212  | ug/l # | 70       |
| 68) m/p-Xylenes               | 10.287         | 106  | 697                 | 0.212  | ug/l   | 80       |
| 76) 1,2,3-Trichloropropane    | 11.061         | 75   | 61420               | 28.254 | ug/l # | 39       |
| 78) n-propylbenzene           | 11.287         | 91   | 2035                | 0.211  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.061         | 75   | 61420               | 72.051 | ug/l # | 8        |
| 82) 4-Chlorotoluene           | 11.445         | 91   | 1565                | 0.224  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.695         | 119  | 1574                | 0.229  | ug/l   | 91       |
| 85) sec-Butylbenzene          | 11.872         | 105  | 3273                | 0.401  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.988         | 119  | 2963                | 0.429  | ug/l   | 87       |
| 87) 1,3-Dichlorobenzene       | 11.957         | 146  | 1114                | 0.298  | ug/l   | 90       |
| 88) 1,4-Dichlorobenzene       | 11.957         | 146  | 1114                | 0.291  | ug/l   | 91       |
| 89) n-Butylbenzene            | 12.317         | 91   | 4601                | 0.720  | ug/l   | 94       |
| 90) Hexachloroethane          | 12.518         | 117  | 572                 | 0.472  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 12.323         | 146  | 904                 | 0.254  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 13.573         | 180  | 1999                | 0.865  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.707         | 225  | 2376                | 3.025  | ug/l   | 95       |
| 95) Naphthalene               | 13.762         | 128  | 4718                | 0.670  | ug/l # | 93       |
| 96) 1,2,3-Trichlorobenzene    | 13.945         | 180  | 1946                | 0.905  | ug/l   | 95       |
| -----                         |                |      |                     |        |        |          |

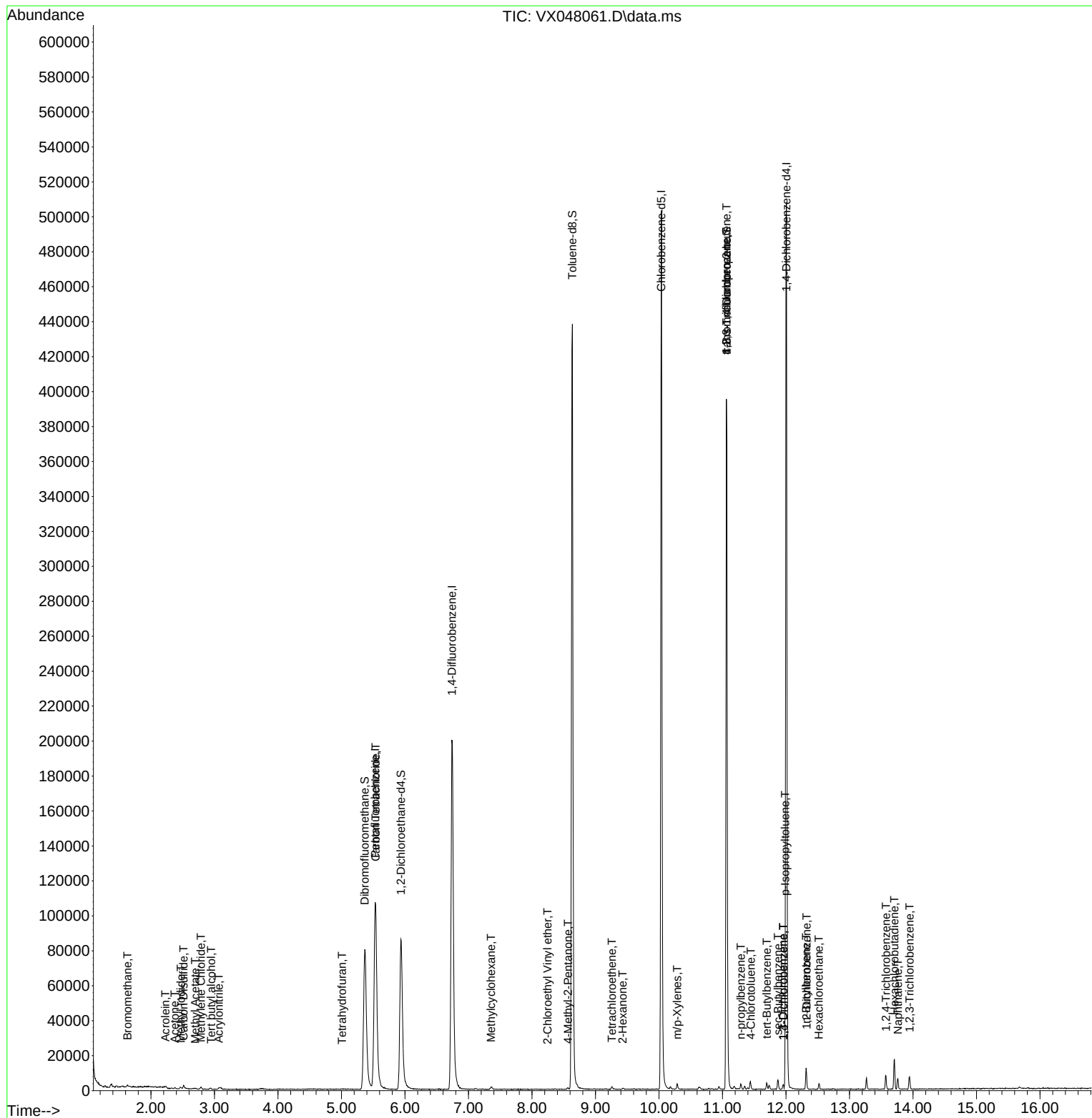
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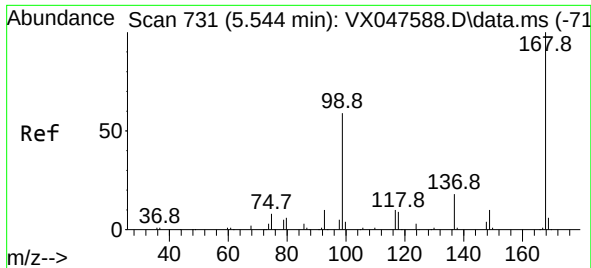
**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
VX1008MBL01

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100825\  
Data File : VX048061.D  
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Quant Time: Oct 09 04:49:41 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

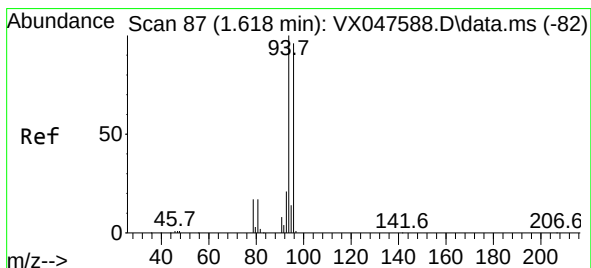
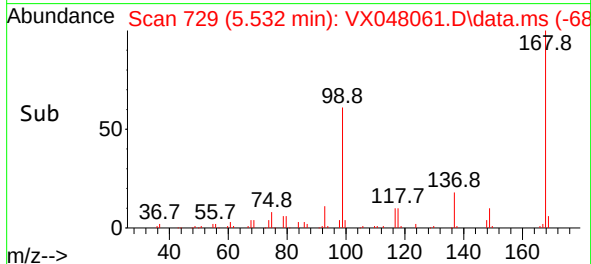
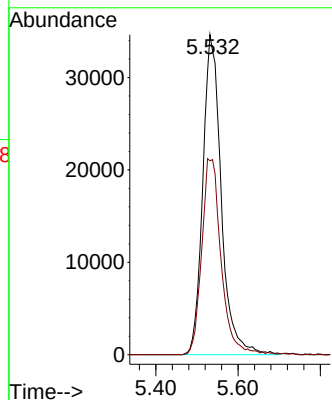
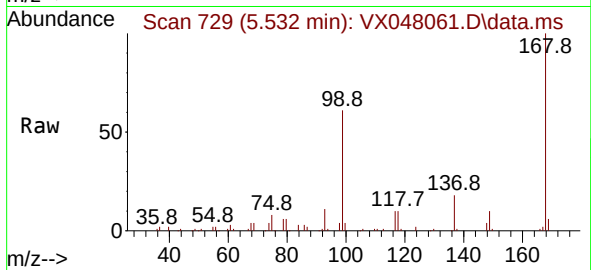




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.532 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

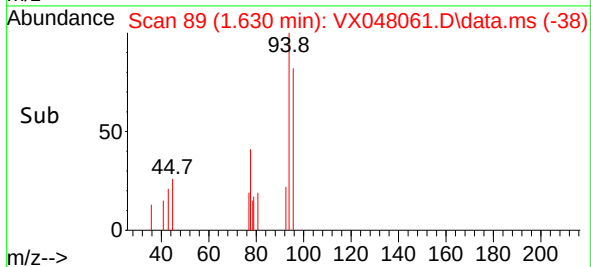
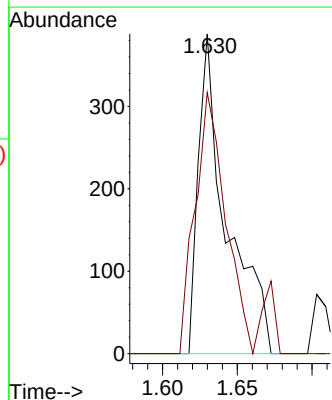
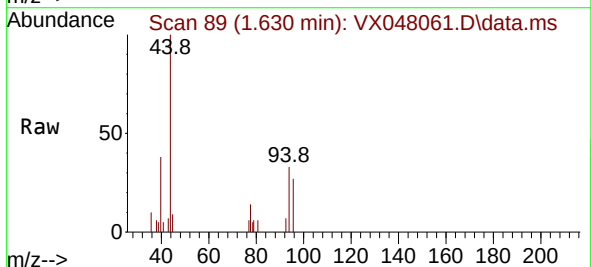
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

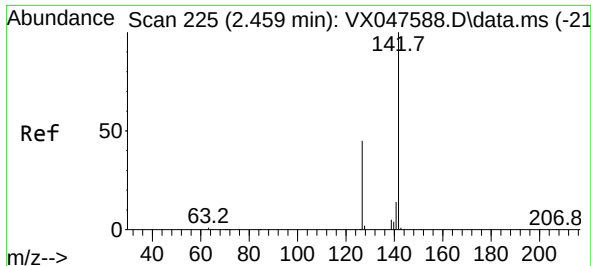
Tgt Ion:168 Resp: 107874  
Ion Ratio Lower Upper  
168 100  
99 60.6 48.8 73.2



#5  
Bromomethane  
Concen: 0.560 ug/l  
RT: 1.630 min Scan# 89  
Delta R.T. 0.012 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 94 Resp: 510  
Ion Ratio Lower Upper  
94 100  
96 81.7 76.6 115.0

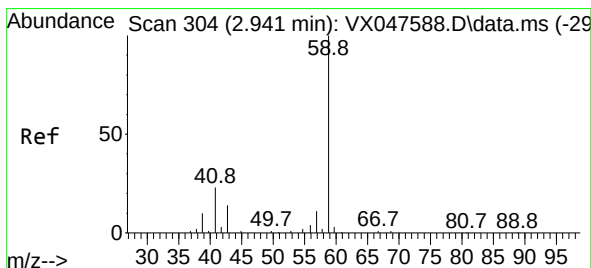
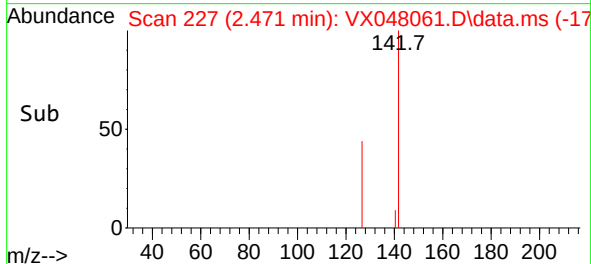
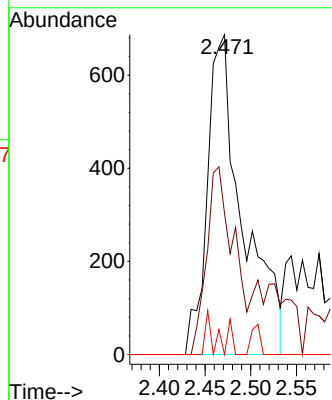
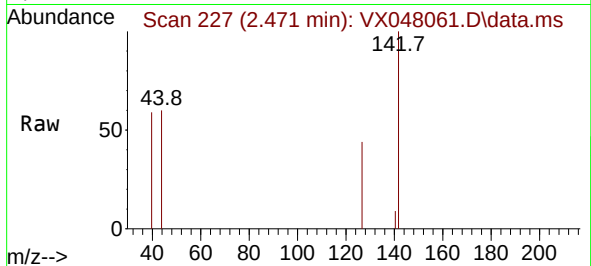




#10  
Methyl Iodide  
Concen: 0.954 ug/l  
RT: 2.471 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

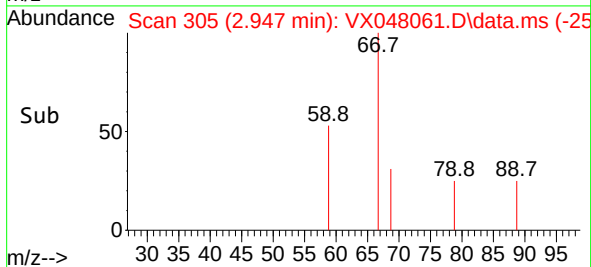
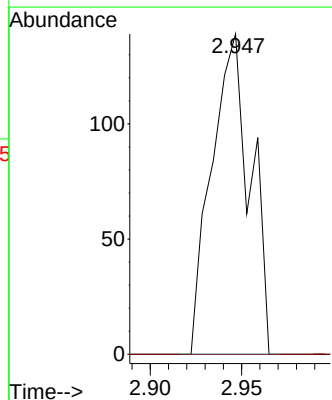
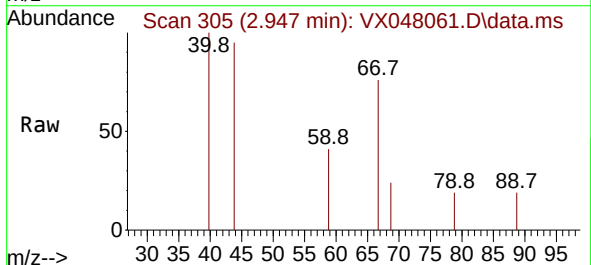
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

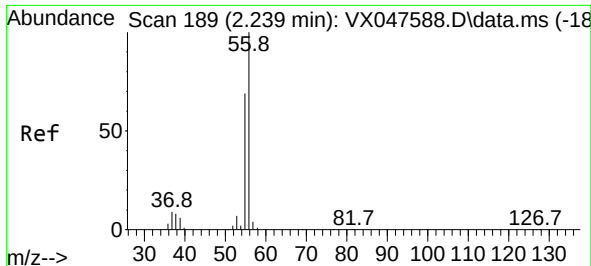
Tgt Ion:142 Resp: 1857  
Ion Ratio Lower Upper  
142 100  
127 44.5 37.2 55.8  
141 2.9 11.4 17.0#



#11  
Tert butyl alcohol  
Concen: 1.072 ug/l  
RT: 2.947 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 59 Resp: 205  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#

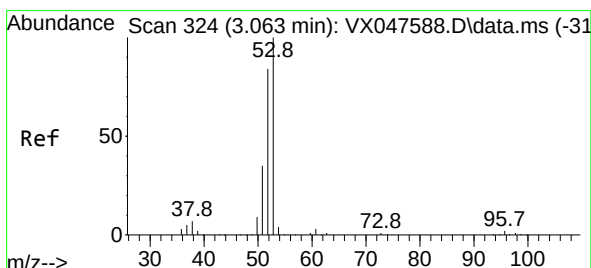
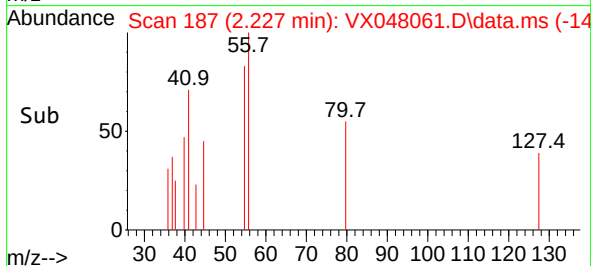
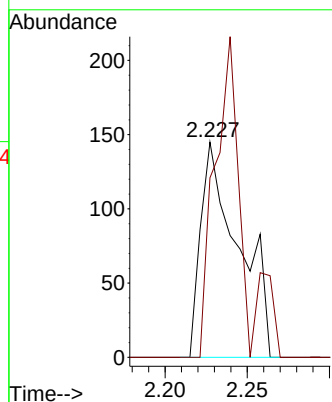
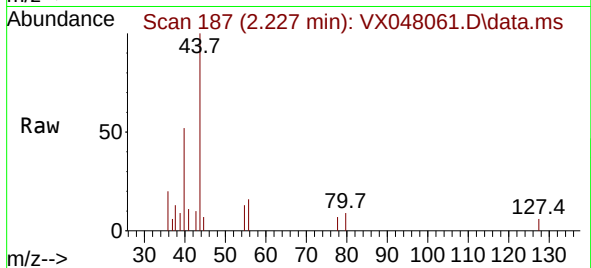




#13  
Acrolein  
Concen: 1.311 ug/l  
RT: 2.227 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

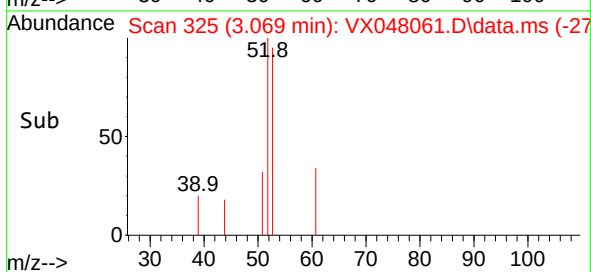
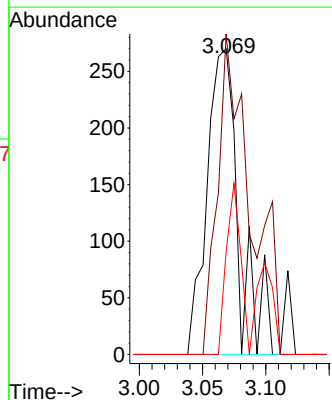
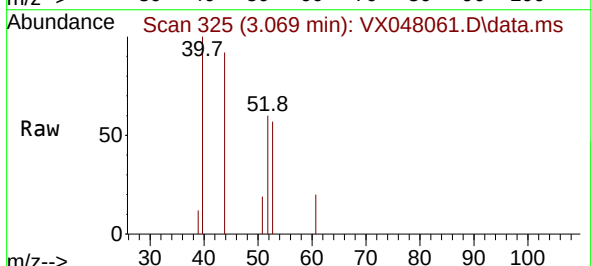
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

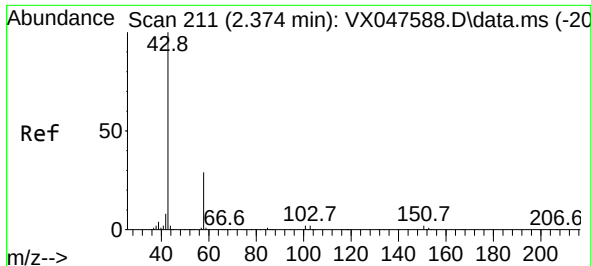
Tgt Ion: 56 Resp: 231  
Ion Ratio Lower Upper  
56 100  
55 109.1 57.2 85.8#



#15  
Acrylonitrile  
Concen: 0.664 ug/l  
RT: 3.069 min Scan# 325  
Delta R.T. 0.006 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 53 Resp: 470  
Ion Ratio Lower Upper  
53 100  
52 89.4 66.4 99.6  
51 25.1 29.5 44.3#

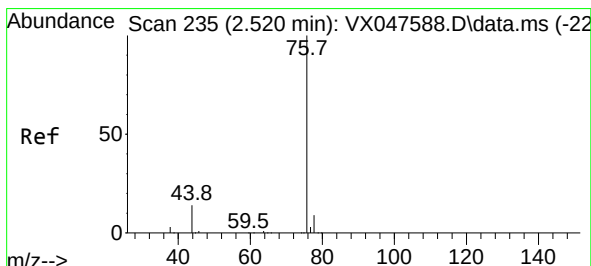
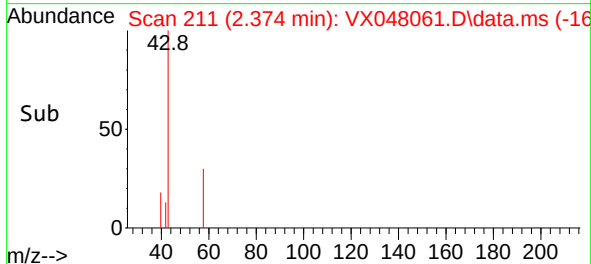
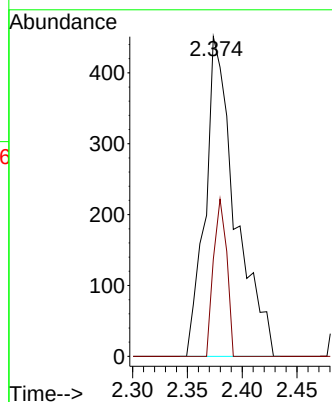
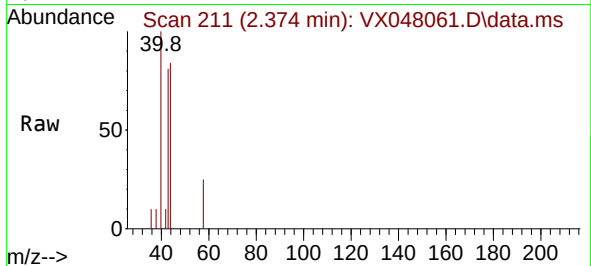




#16  
Acetone  
Concen: 1.149 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

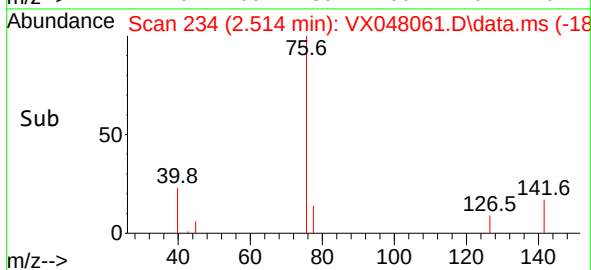
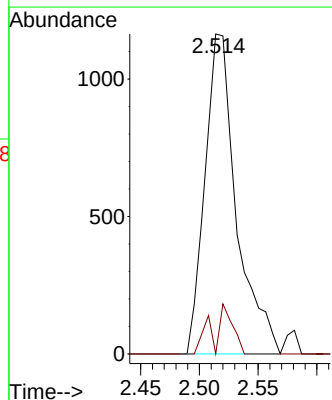
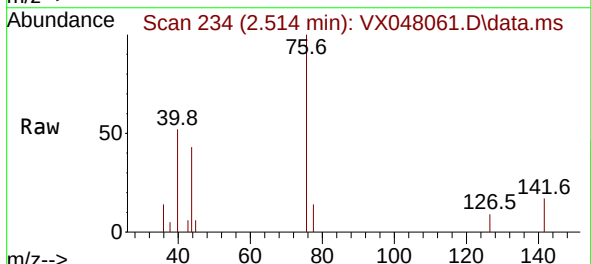
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VX1008MBL01

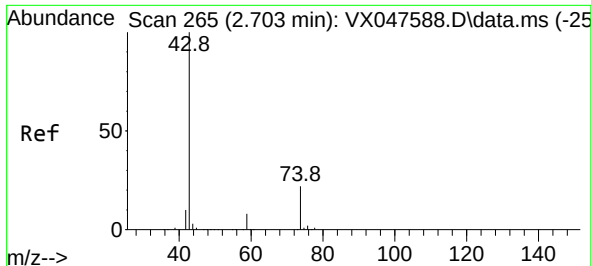
Tgt Ion: 43 Resp: 858  
Ion Ratio Lower Upper  
43 100  
58 30.4 23.4 35.0



#17  
Carbon Disulfide  
Concen: 0.620 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.006 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 76 Resp: 2175  
Ion Ratio Lower Upper  
76 100  
78 0.0 6.8 10.2#

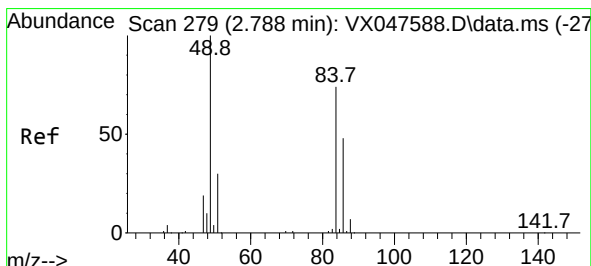
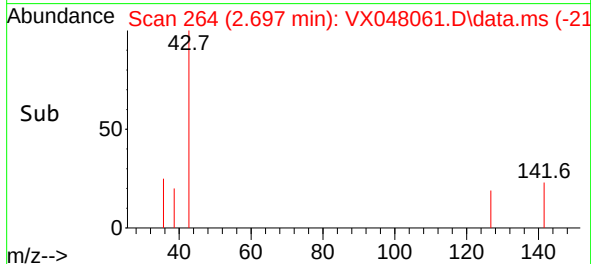
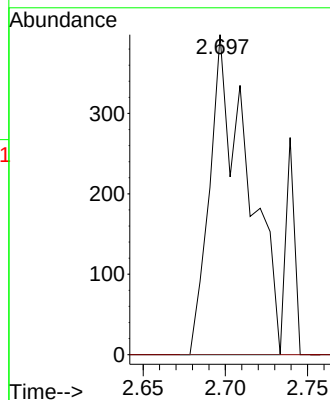
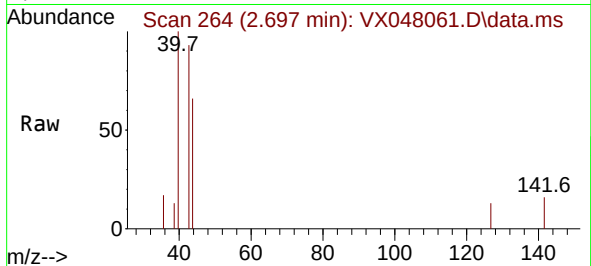




#18  
Methyl Acetate  
Concen: 0.388 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.006 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

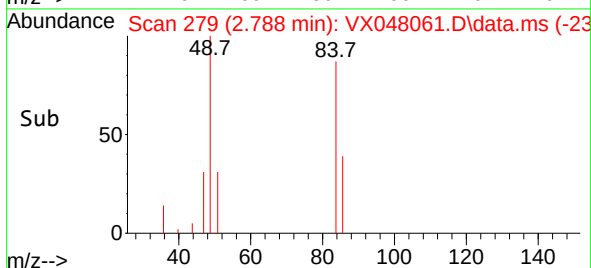
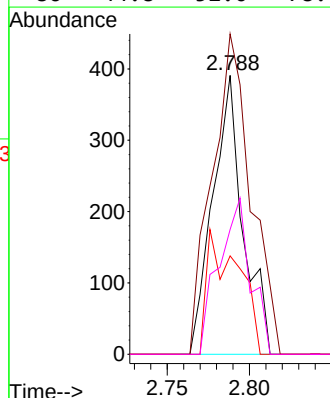
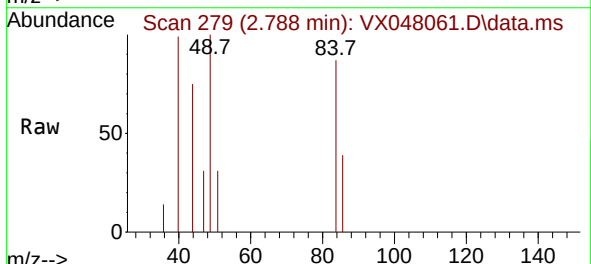
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

Tgt Ion: 43 Resp: 644  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.4 26.2#

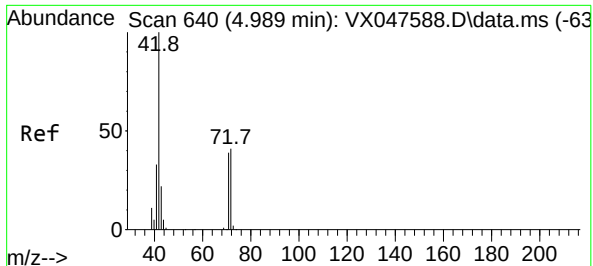


#20  
Methylene Chloride  
Concen: 0.317 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 84 Resp: 501  
Ion Ratio Lower Upper  
84 100  
49 114.8 108.6 162.8  
51 35.3 32.6 48.8  
86 44.8 52.0 78.0#







#29

Tetrahydrofuran

Concen: 0.371 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX048061.D

Acq: 08 Oct 2025 09:44

Instrument :

MSVOA\_X

ClientSampleId :

VX1008MBL01

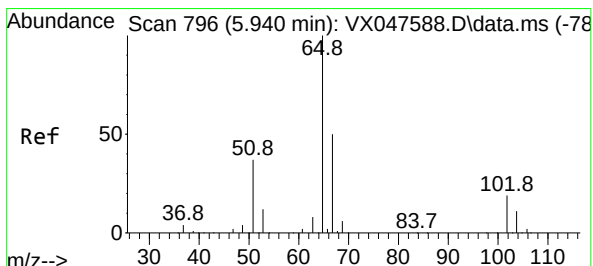
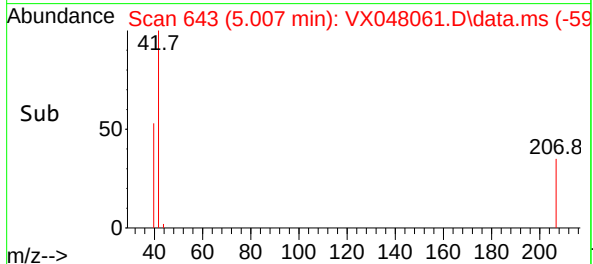
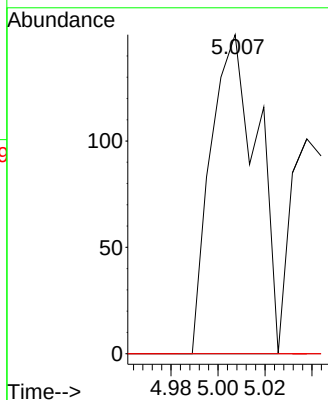
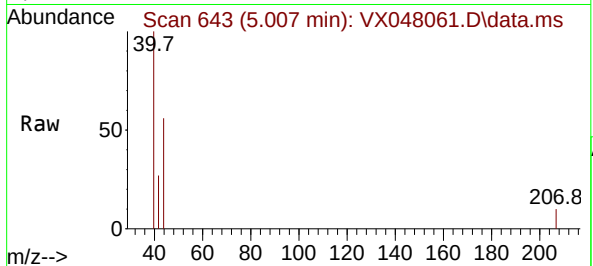
Tgt Ion: 42 Resp: 208

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

71 0.0 31.9 47.9#



#33

1,2-Dichloroethane-d4

Concen: 55.877 ug/l

RT: 5.934 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX048061.D

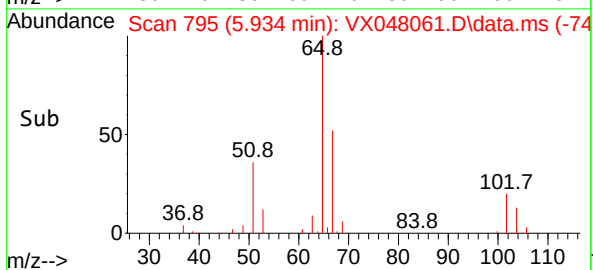
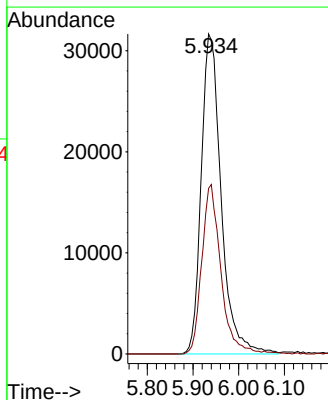
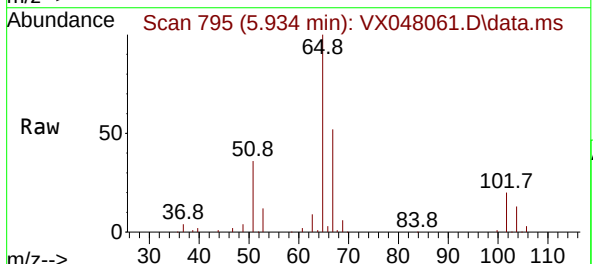
Acq: 08 Oct 2025 09:44

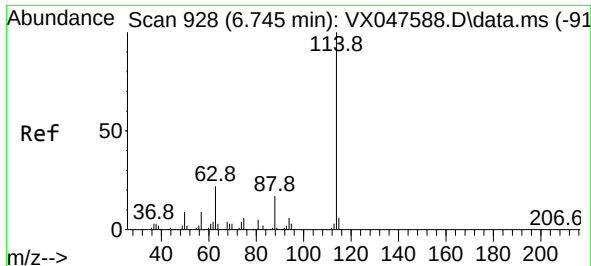
Tgt Ion: 65 Resp: 95946

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0

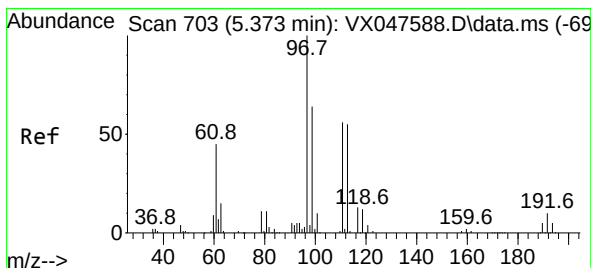
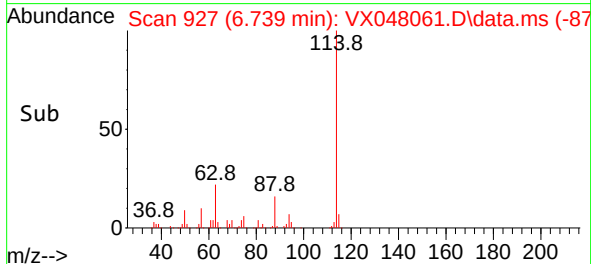
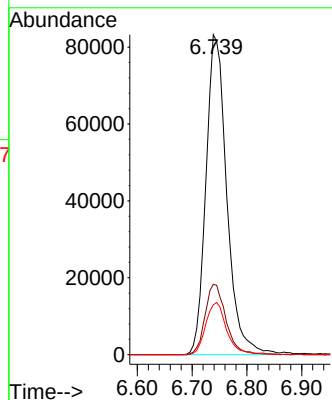
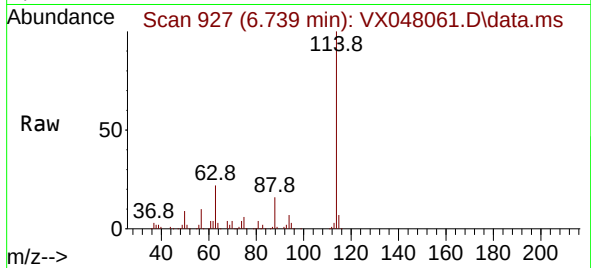




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.739 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

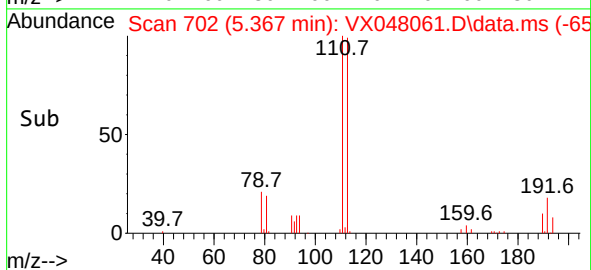
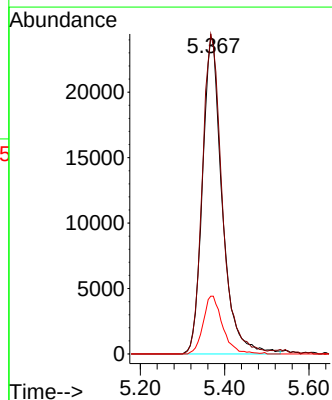
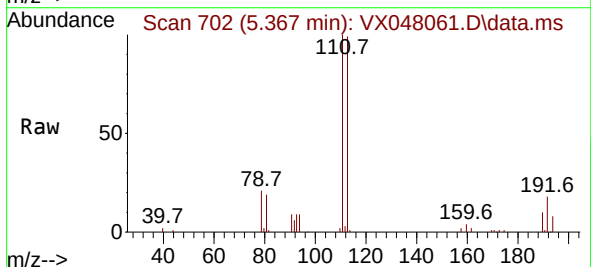
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

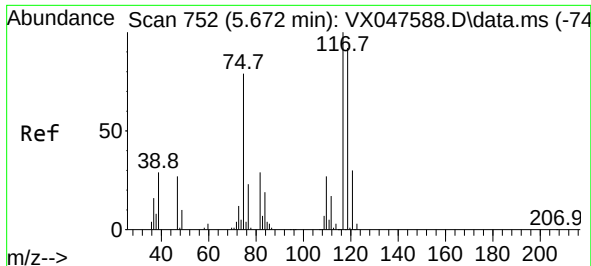
Tgt Ion:114 Resp: 219783  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 44.0  
88 15.6 0.0 34.2



#35  
Dibromofluoromethane  
Concen: 53.463 ug/l  
RT: 5.367 min Scan# 702  
Delta R.T. -0.006 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion:113 Resp: 78804  
Ion Ratio Lower Upper  
113 100  
111 101.5 80.9 121.3  
192 18.0 14.2 21.4

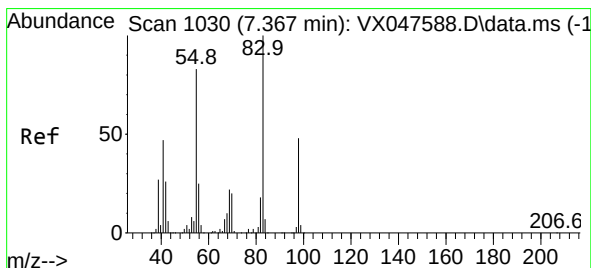
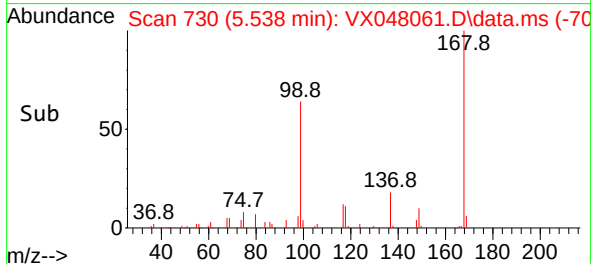
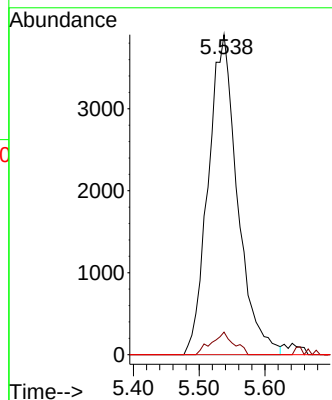
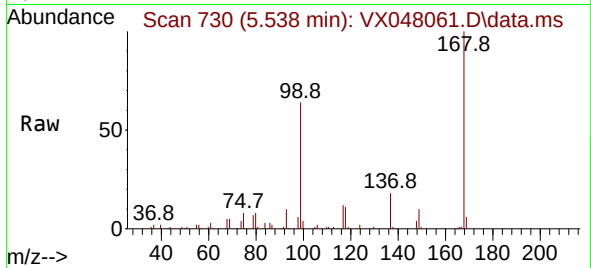




#38  
Carbon Tetrachloride  
Concen: 5.171 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.134 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

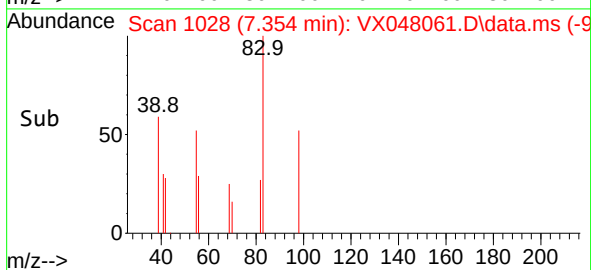
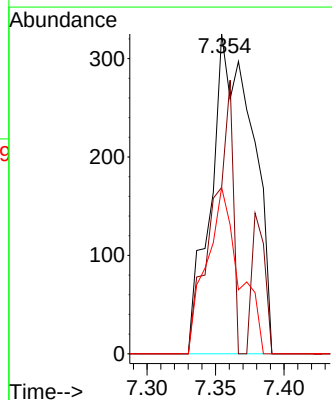
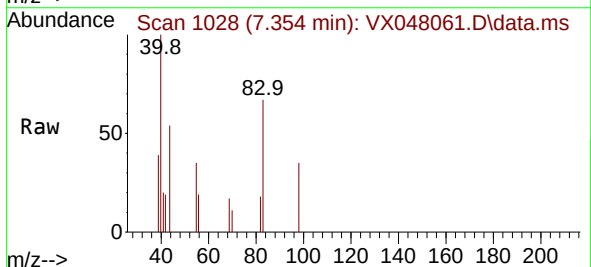
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

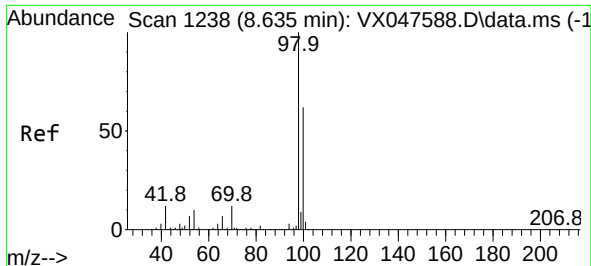
Tgt Ion:117 Resp: 12102  
Ion Ratio Lower Upper  
117 100  
119 7.1 73.4 110.2#  
121 0.0 23.8 35.6#



#39  
Methylcyclohexane  
Concen: 0.283 ug/l  
RT: 7.354 min Scan# 1028  
Delta R.T. -0.012 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 83 Resp: 691  
Ion Ratio Lower Upper  
83 100  
55 80.6 66.4 99.6  
98 52.0 38.1 57.1

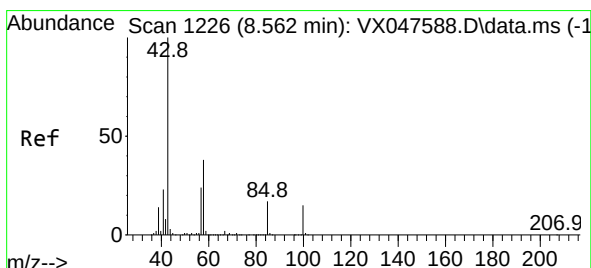
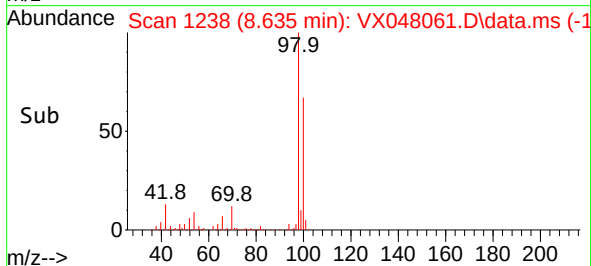
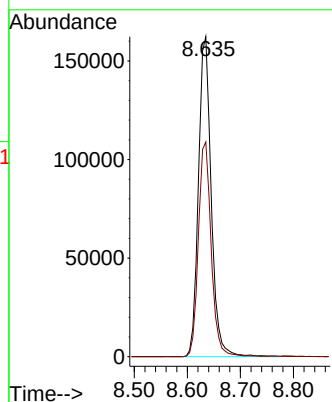
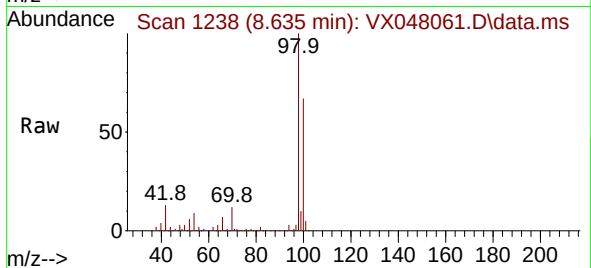




#50  
Toluene-d8  
Concen: 53.147 ug/l  
RT: 8.635 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

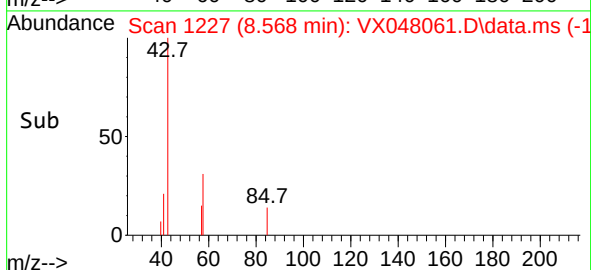
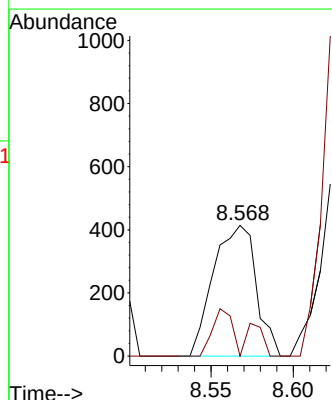
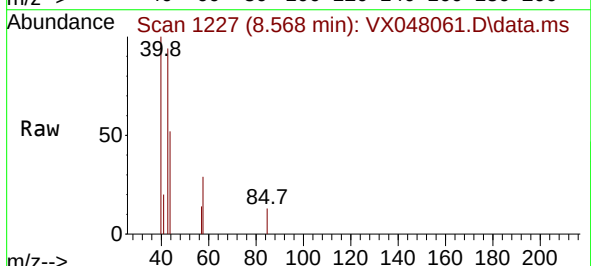
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

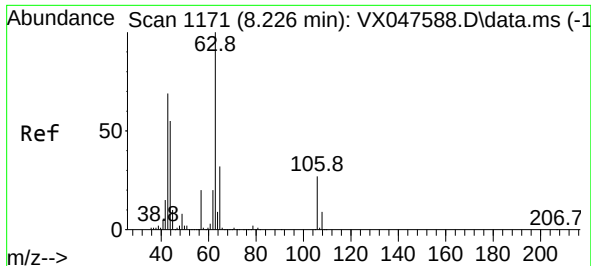
Tgt Ion: 98 Resp: 271064  
Ion Ratio Lower Upper  
98 100  
100 67.5 53.0 79.4



#51  
4-Methyl-2-Pentanone  
Concen: 0.357 ug/l  
RT: 8.568 min Scan# 1227  
Delta R.T. 0.006 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 43 Resp: 748  
Ion Ratio Lower Upper  
43 100  
58 9.5 30.3 45.5#

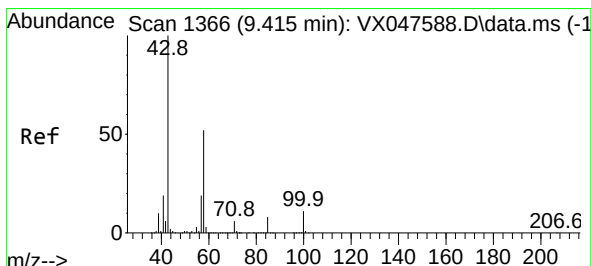
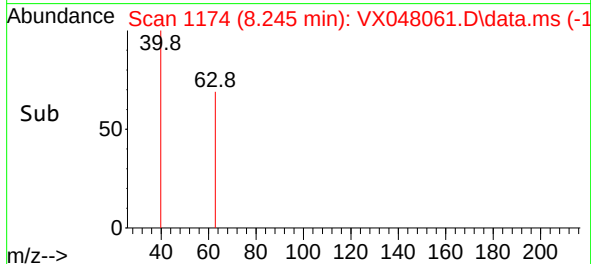
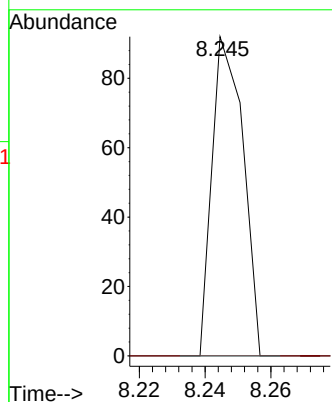
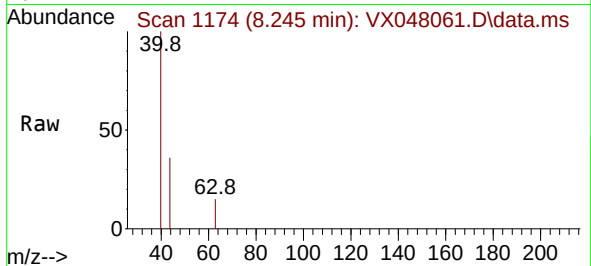




#58  
2-Chloroethyl Vinyl ether  
Concen: 7.944 ug/l  
RT: 8.245 min Scan# 1171  
Delta R.T. 0.019 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

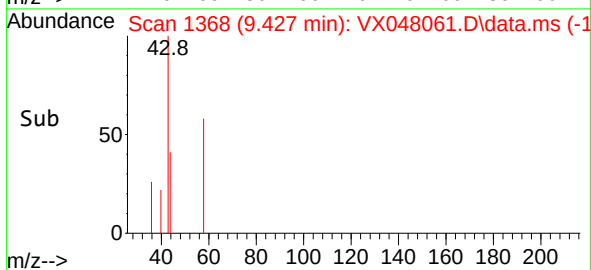
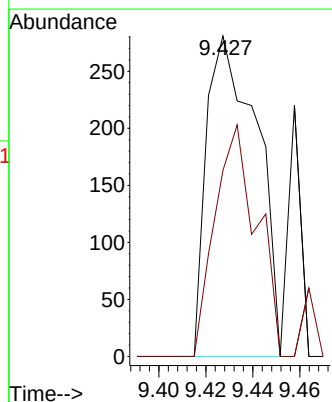
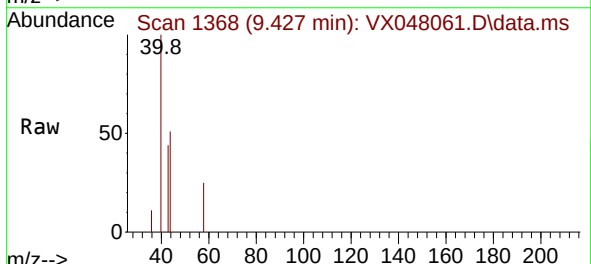
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

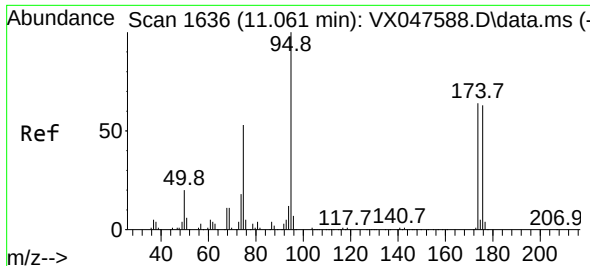
Tgt Ion: 63 Resp: 60  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.9 32.9#



#59  
2-Hexanone  
Concen: 0.276 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.012 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 43 Resp: 416  
Ion Ratio Lower Upper  
43 100  
58 60.6 26.1 78.2

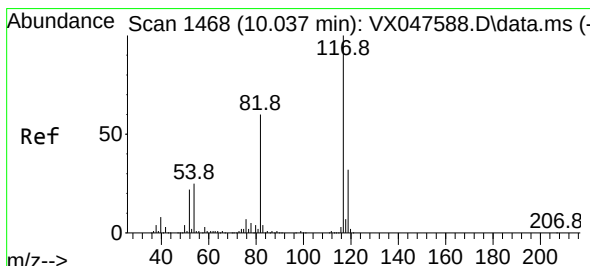
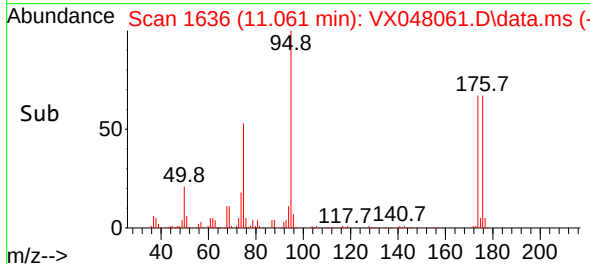
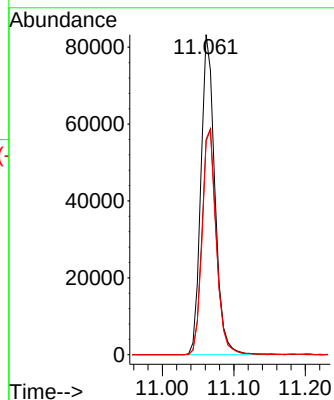
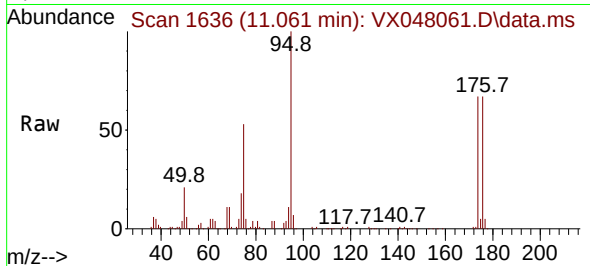




#62  
4-Bromofluorobenzene  
Concen: 58.298 ug/l  
RT: 11.061 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

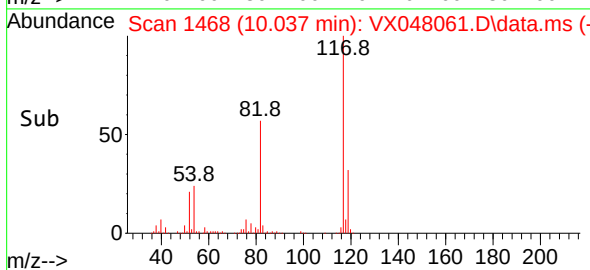
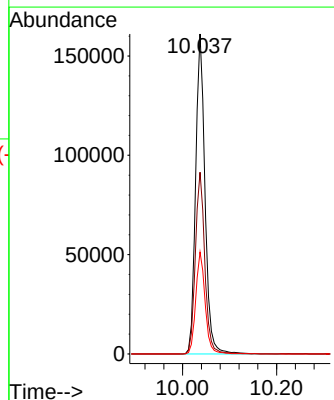
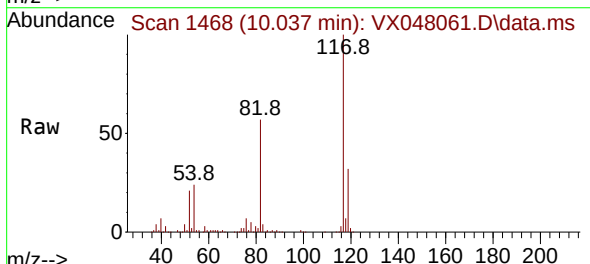
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

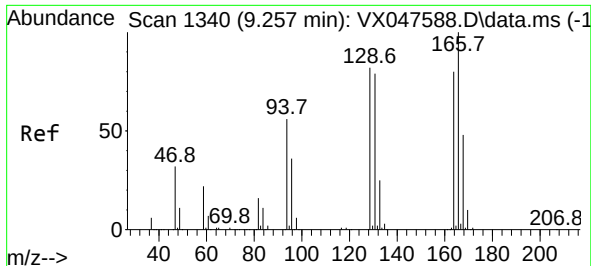
Tgt Ion: 95 Resp: 112844  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 141.6  
176 70.8 0.0 138.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 117 Resp: 225175  
Ion Ratio Lower Upper  
117 100  
82 56.8 47.8 71.6  
119 31.9 25.2 37.8

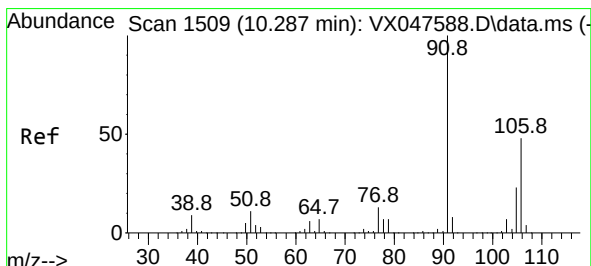
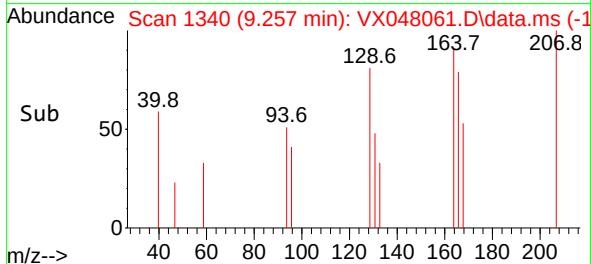
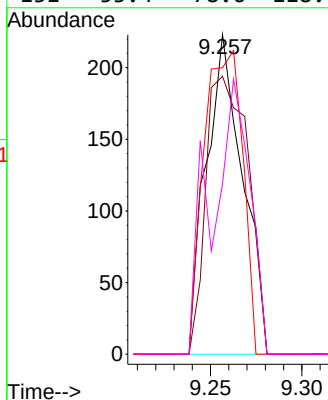
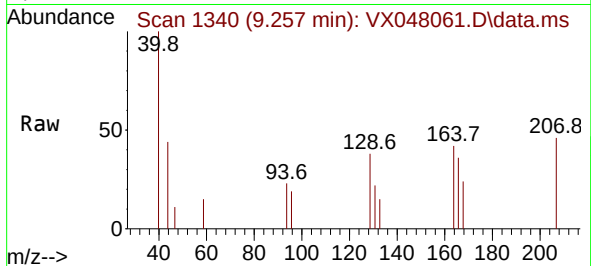




#64  
Tetrachloroethene  
Concen: 0.212 ug/l  
RT: 9.257 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

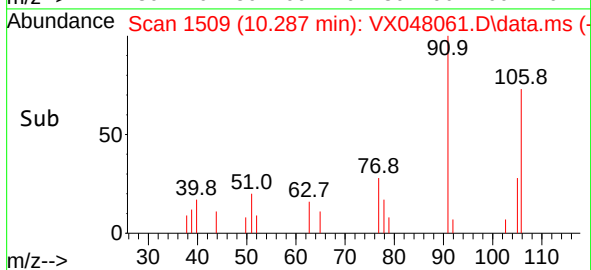
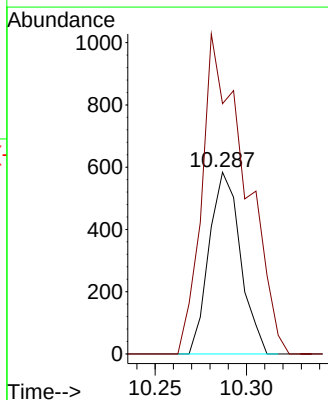
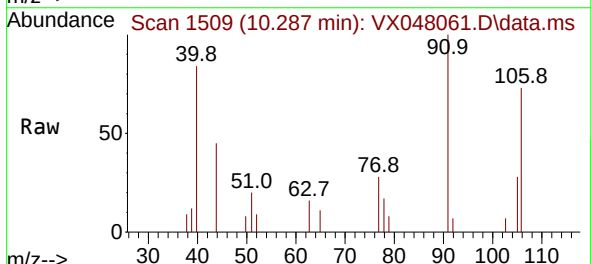
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

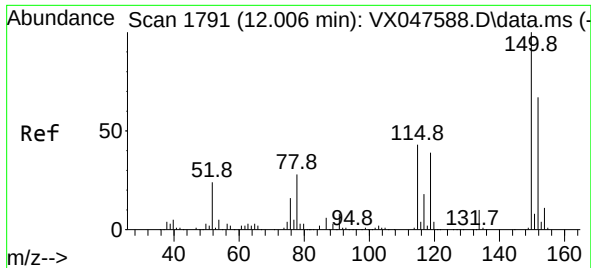
Tgt Ion:164 Resp: 311  
Ion Ratio Lower Upper  
164 100  
166 87.0 100.2 150.2#  
129 89.7 81.8 122.6  
131 53.4 78.6 118.0#



#68  
m/p-Xylenes  
Concen: 0.212 ug/l  
RT: 10.287 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion:106 Resp: 697  
Ion Ratio Lower Upper  
106 100  
91 241.2 167.8 251.8

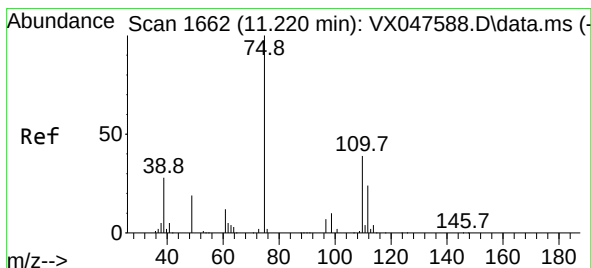
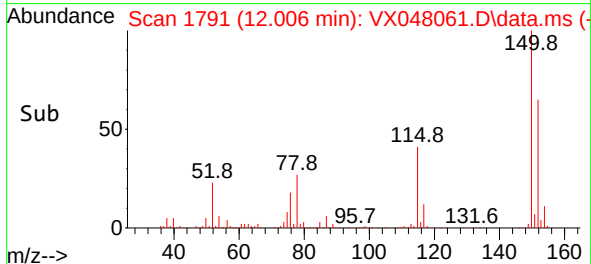
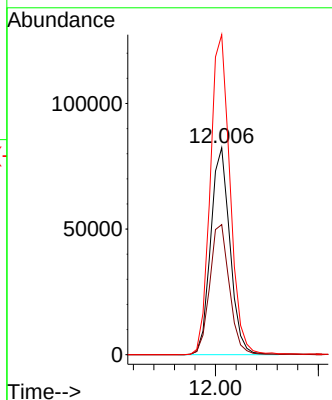
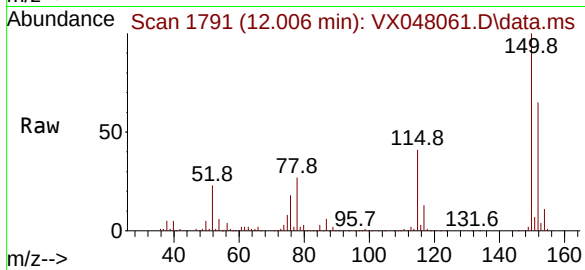




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX048061.D  
 Acq: 08 Oct 2025 09:44

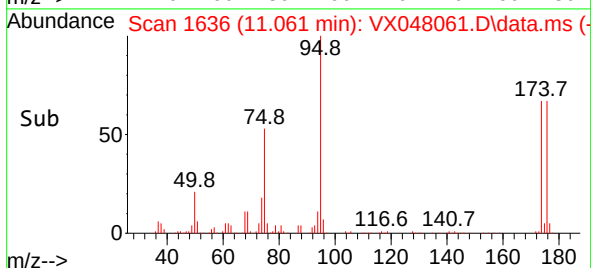
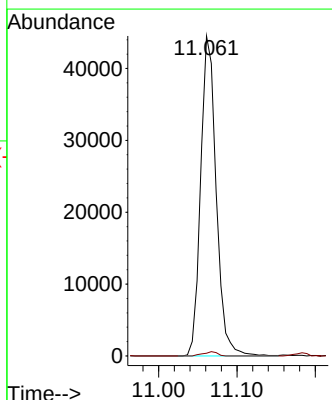
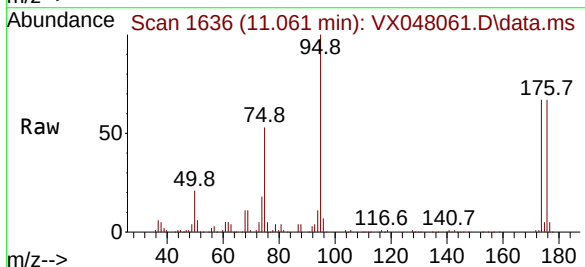
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1008MBL01

Tgt Ion:152 Resp: 107369  
 Ion Ratio Lower Upper  
 152 100  
 115 64.4 44.9 134.5  
 150 158.6 0.0 352.0

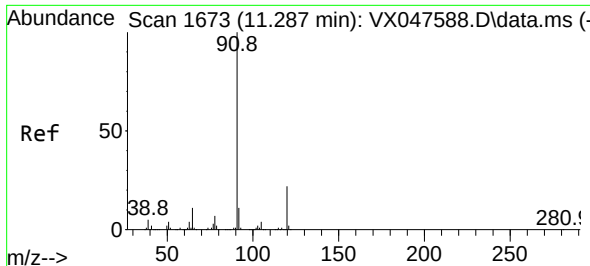


#76  
 1,2,3-Trichloropropane  
 Concen: 28.254 ug/l  
 RT: 11.061 min Scan# 1636  
 Delta R.T. -0.159 min  
 Lab File: VX048061.D  
 Acq: 08 Oct 2025 09:44

Tgt Ion: 75 Resp: 61420  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 18.8 56.4#



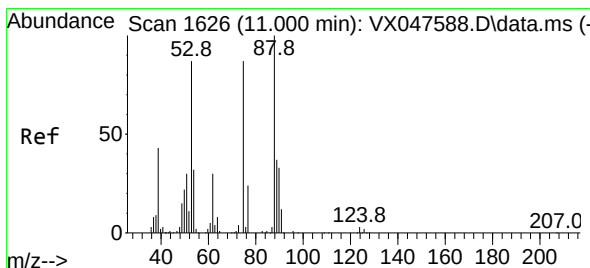
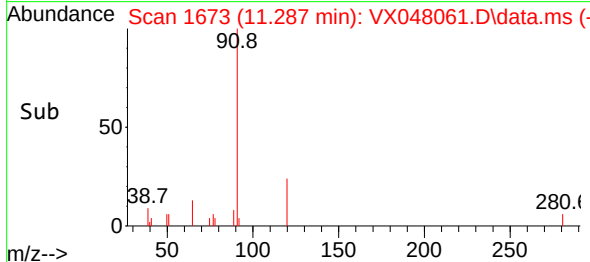
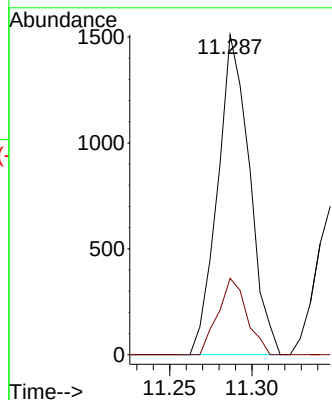
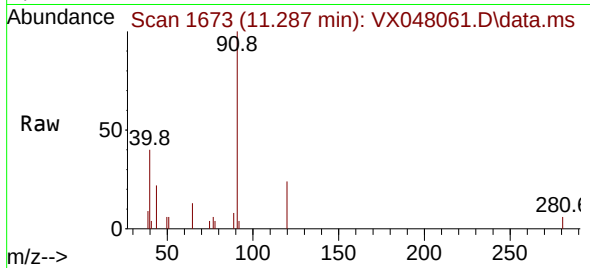




#78  
n-propylbenzene  
Concen: 0.211 ug/l  
RT: 11.287 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

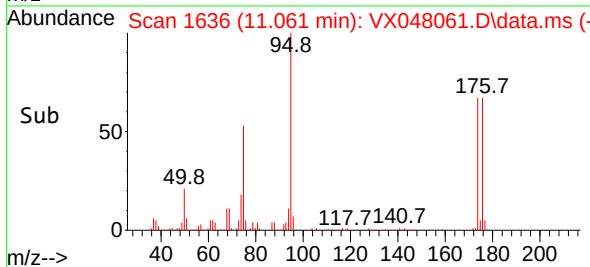
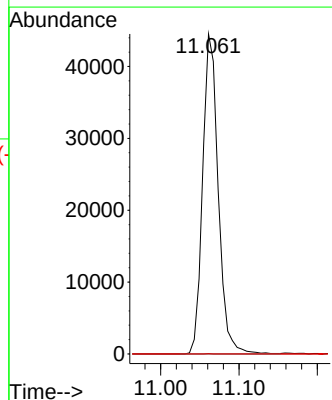
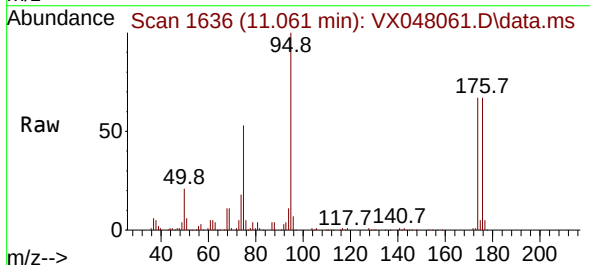
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

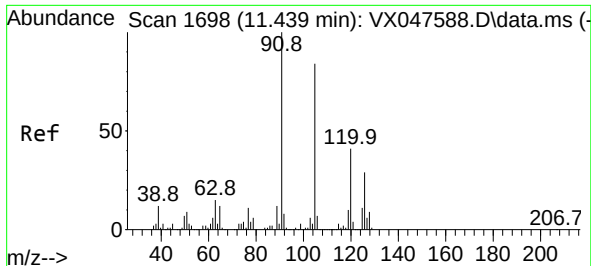
Tgt Ion: 91 Resp: 2035  
Ion Ratio Lower Upper  
91 100  
120 21.6 11.1 33.1



#81  
trans-1,4-Dichloro-2-butene  
Concen: 72.051 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.061 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 75 Resp: 61420  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.4 125.2#  
89 0.0 36.3 54.5#

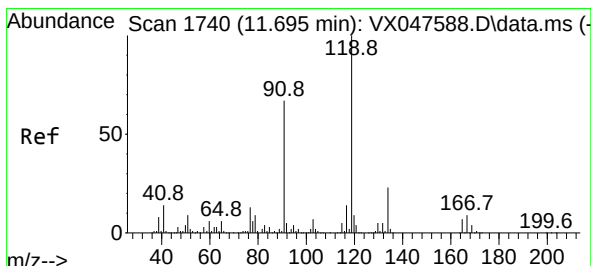
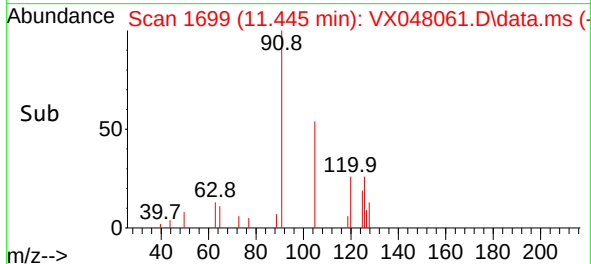
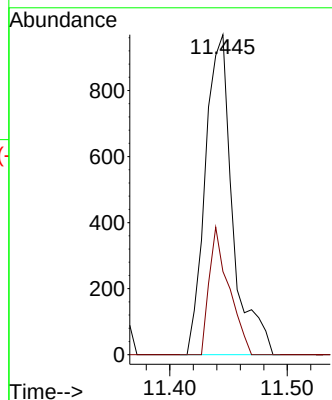
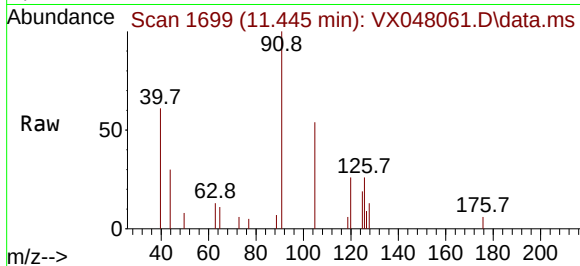




#82  
4-Chlorotoluene  
Concen: 0.224 ug/l  
RT: 11.445 min Scan# 1699  
Delta R.T. 0.006 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

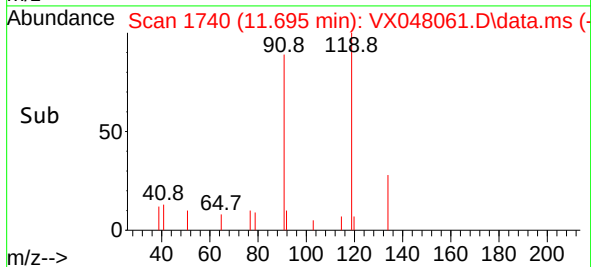
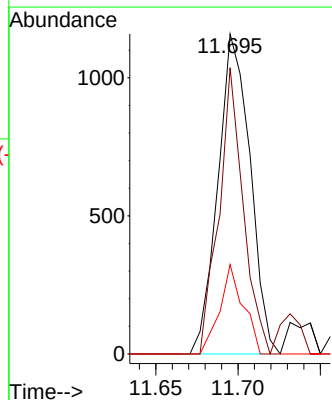
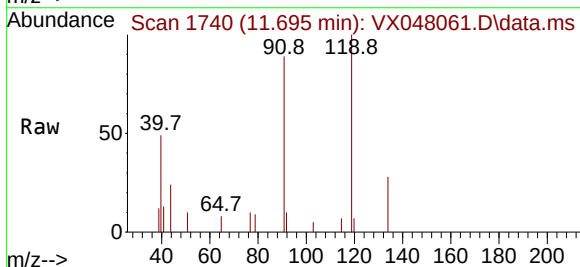
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

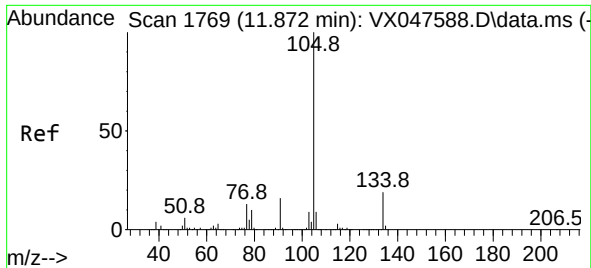
Tgt Ion: 91 Resp: 1565  
Ion Ratio Lower Upper  
91 100  
126 28.8 14.2 42.6



#83  
tert-Butylbenzene  
Concen: 0.229 ug/l  
RT: 11.695 min Scan# 1740  
Delta R.T. 0.000 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

Tgt Ion: 119 Resp: 1574  
Ion Ratio Lower Upper  
119 100  
91 67.7 29.6 88.8  
134 20.5 11.0 33.0

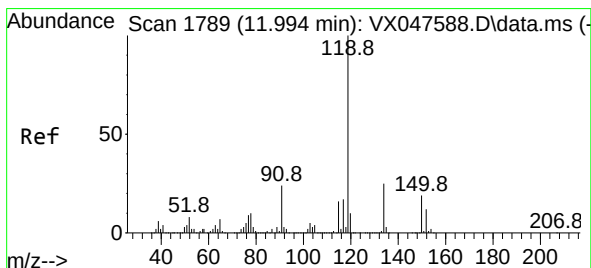
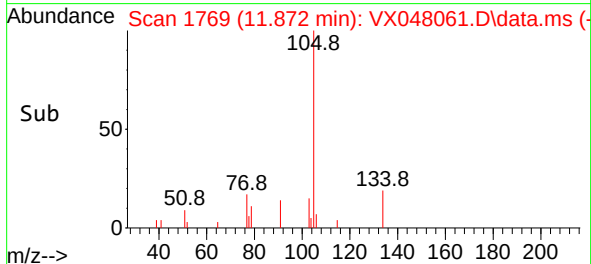
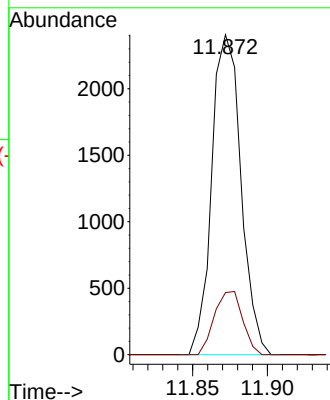
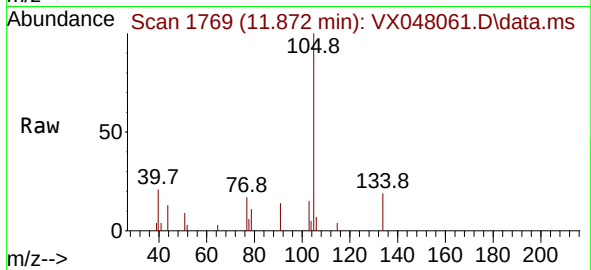




#85  
 sec-Butylbenzene  
 Concen: 0.401 ug/l  
 RT: 11.872 min Scan# 1769  
 Delta R.T. 0.000 min  
 Lab File: VX048061.D  
 Acq: 08 Oct 2025 09:44

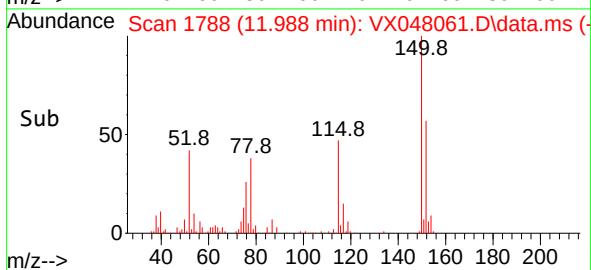
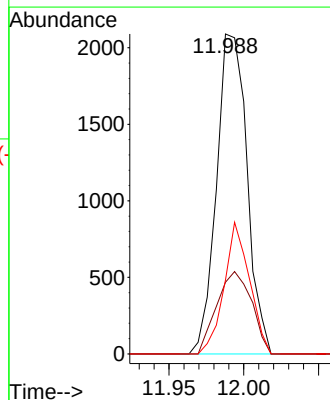
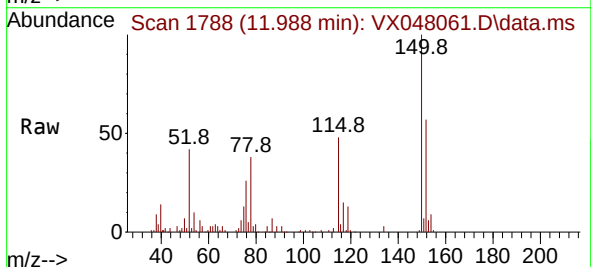
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1008MBL01

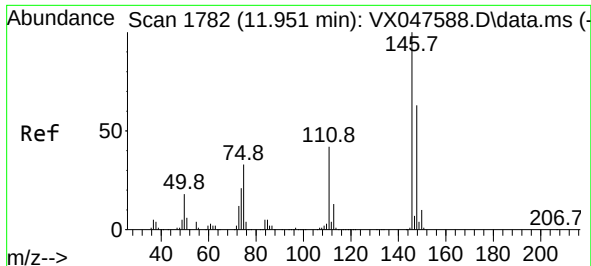
Tgt Ion:105 Resp: 3273  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.8 29.5



#86  
 p-Isopropyltoluene  
 Concen: 0.429 ug/l  
 RT: 11.988 min Scan# 1788  
 Delta R.T. -0.006 min  
 Lab File: VX048061.D  
 Acq: 08 Oct 2025 09:44

Tgt Ion:119 Resp: 2963  
 Ion Ratio Lower Upper  
 119 100  
 134 29.3 12.6 37.8  
 91 34.3 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 0.298 ug/l

RT: 11.957 min Scan# 1783

Delta R.T. 0.006 min

Lab File: VX048061.D

Acq: 08 Oct 2025 09:44

Instrument :

MSVOA\_X

ClientSampleId :

VX1008MBL01

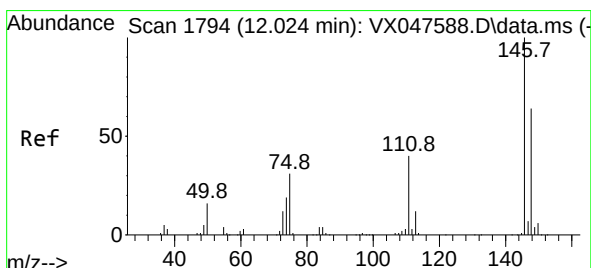
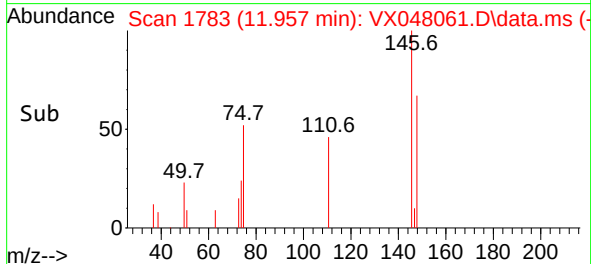
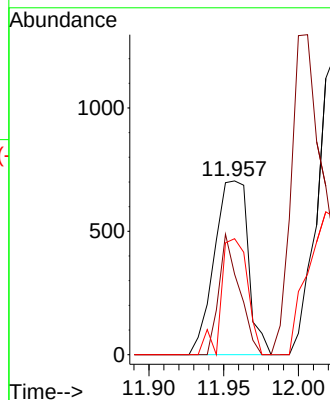
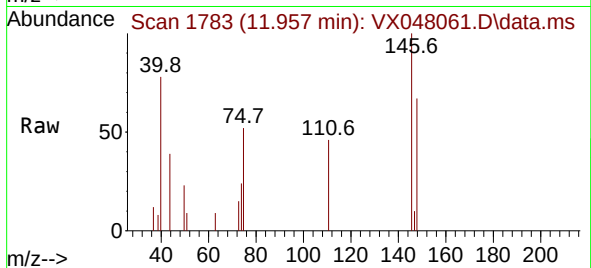
Tgt Ion:146 Resp: 1114

Ion Ratio Lower Upper

146 100

111 41.6 21.5 64.5

148 51.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.291 ug/l

RT: 11.957 min Scan# 1783

Delta R.T. -0.067 min

Lab File: VX048061.D

Acq: 08 Oct 2025 09:44

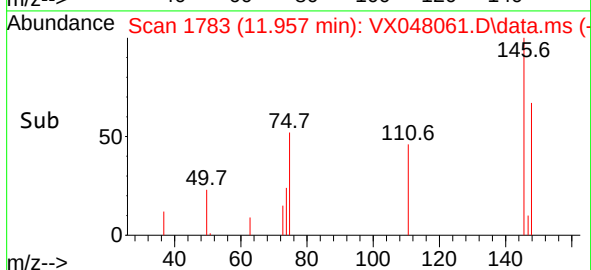
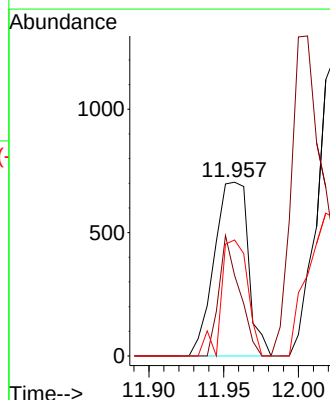
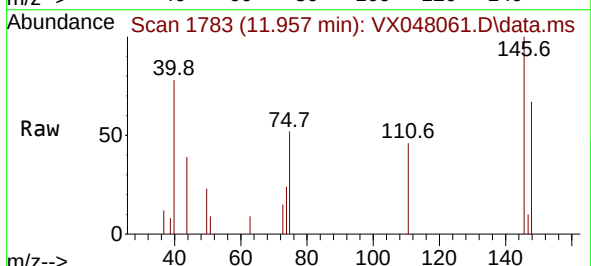
Tgt Ion:146 Resp: 1114

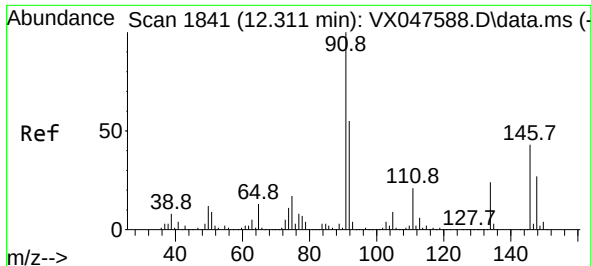
Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.4

148 51.8 31.7 95.1





#89

n-Butylbenzene

Concen: 0.720 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX048061.D

Acq: 08 Oct 2025 09:44

Instrument :

MSVOA\_X

ClientSampleId :

VX1008MBL01

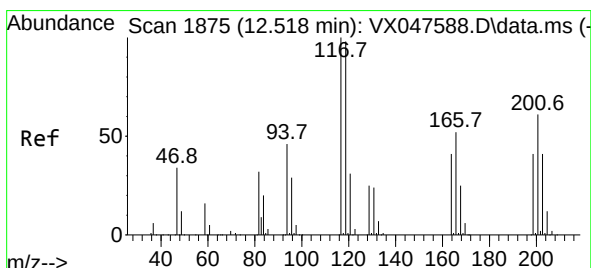
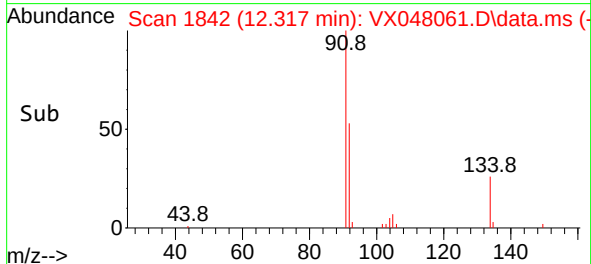
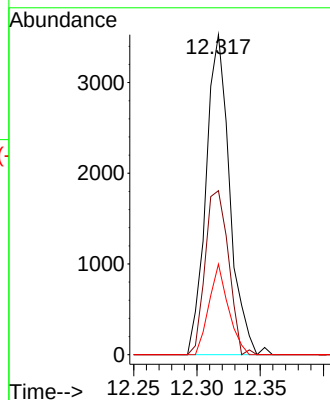
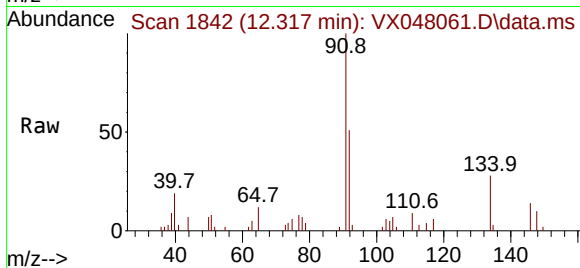
Tgt Ion: 91 Resp: 4601

Ion Ratio Lower Upper

91 100

92 50.4 27.6 82.7

134 23.1 12.6 37.8



#90

Hexachloroethane

Concen: 0.472 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048061.D

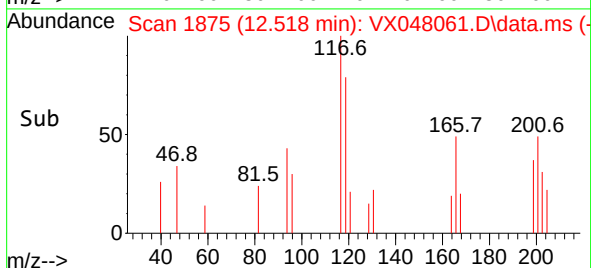
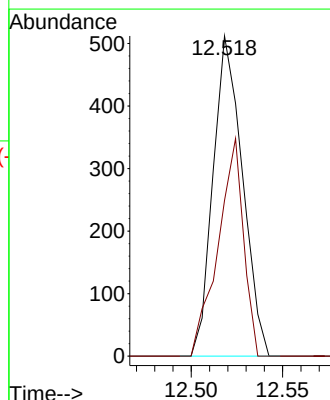
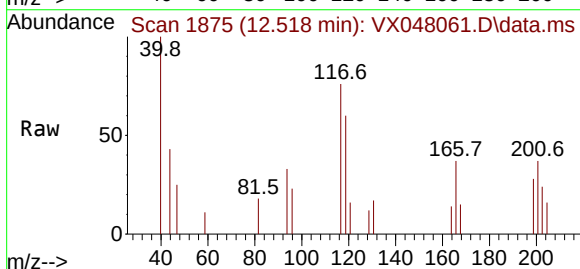
Acq: 08 Oct 2025 09:44

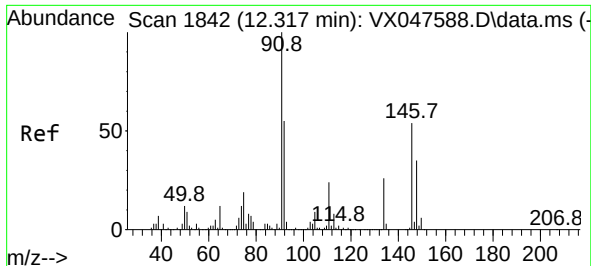
Tgt Ion: 117 Resp: 572

Ion Ratio Lower Upper

117 100

201 58.9 34.2 102.5

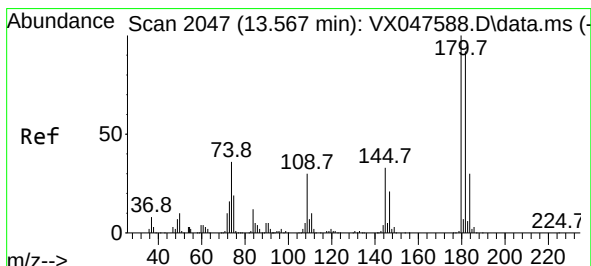
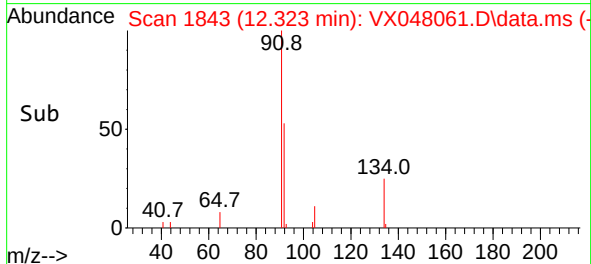
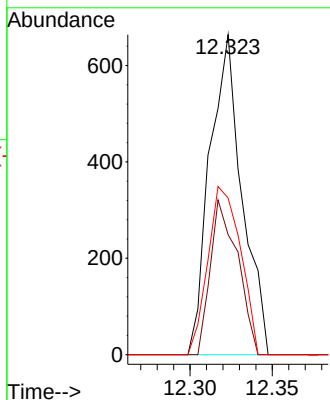
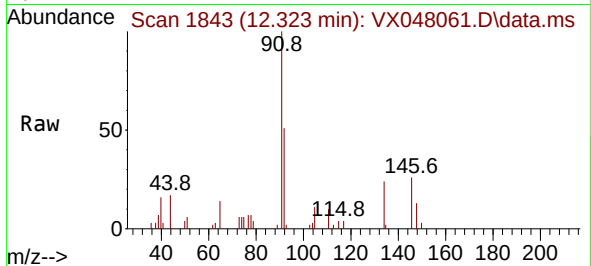




#91  
1,2-Dichlorobenzene  
Concen: 0.254 ug/l  
RT: 12.323 min Scan# 1842  
Delta R.T. 0.006 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

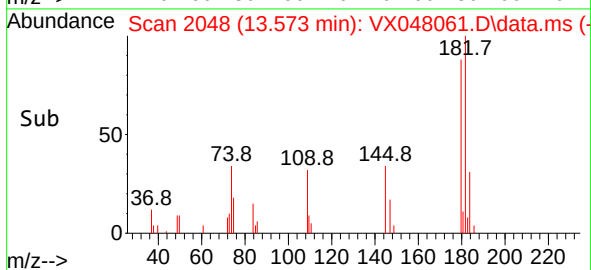
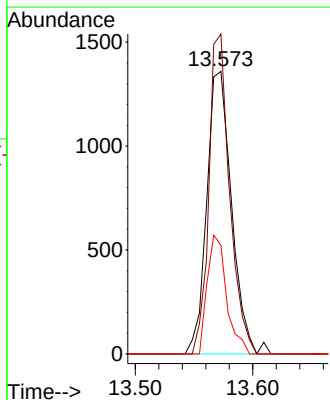
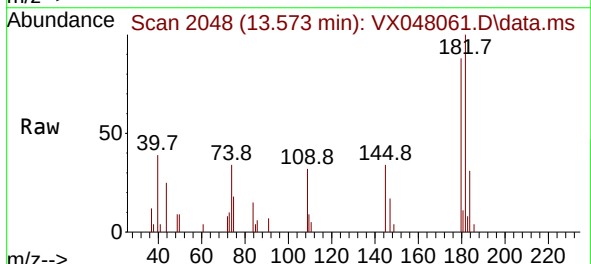
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1008MBL01

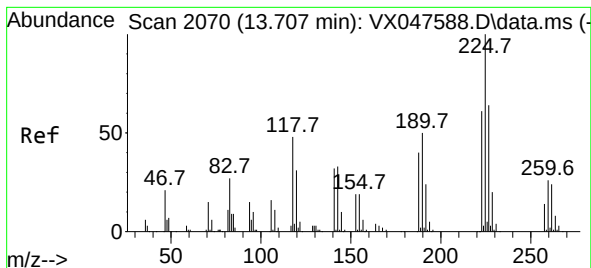
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 904         |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 40.7  | 22.2 66.6   |
| 148         | 53.3  | 31.8 95.4   |



#93  
1,2,4-Trichlorobenzene  
Concen: 0.865 ug/l  
RT: 13.573 min Scan# 2048  
Delta R.T. 0.006 min  
Lab File: VX048061.D  
Acq: 08 Oct 2025 09:44

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 1999        |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 94.5  | 46.6 139.8  |
| 145         | 32.6  | 16.4 49.1   |





#94

Hexachlorobutadiene

Concen: 3.025 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048061.D

Acq: 08 Oct 2025 09:44

Instrument :

MSVOA\_X

ClientSampleId :

VX1008MBL01

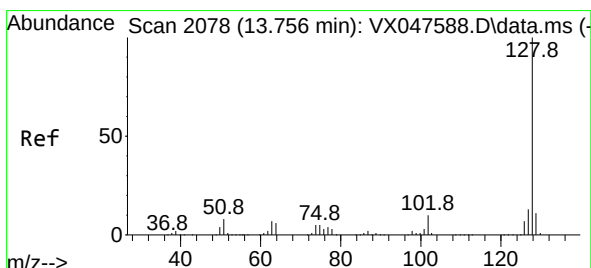
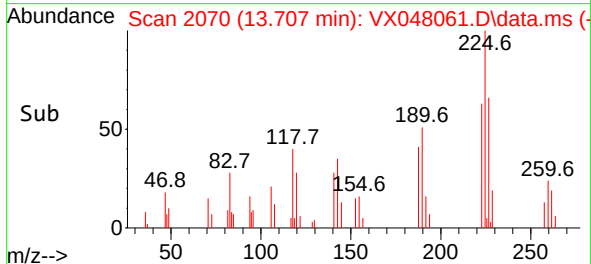
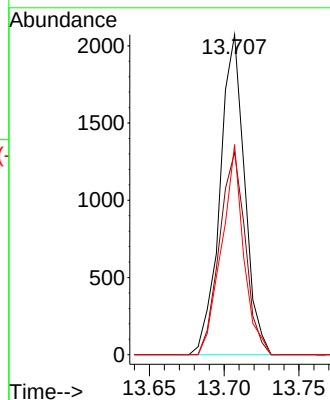
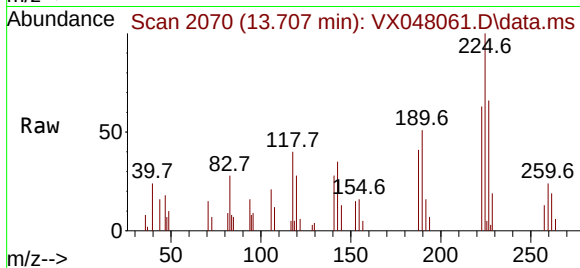
Tgt Ion:225 Resp: 2376

Ion Ratio Lower Upper

225 100

223 66.0 31.7 95.1

227 58.5 32.0 96.0



#95

Naphthalene

Concen: 0.670 ug/l

RT: 13.762 min Scan# 2079

Delta R.T. 0.006 min

Lab File: VX048061.D

Acq: 08 Oct 2025 09:44

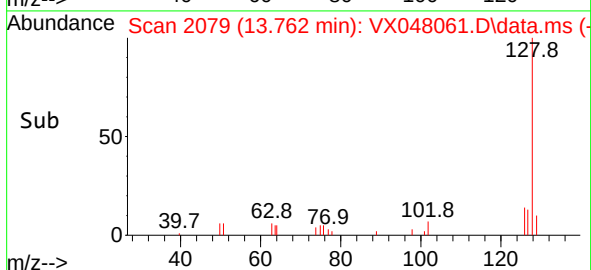
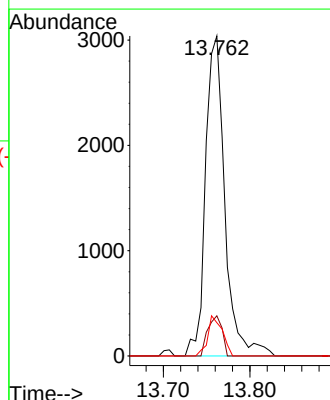
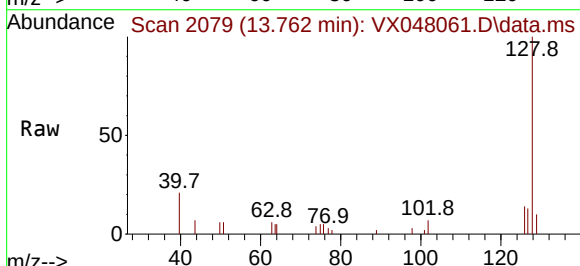
Tgt Ion:128 Resp: 4718

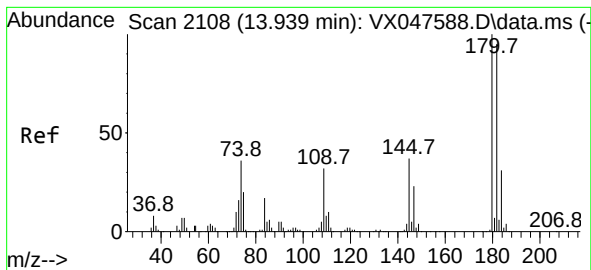
Ion Ratio Lower Upper

128 100

127 9.2 10.2 15.2#

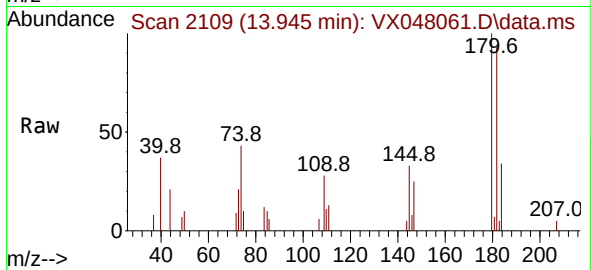
129 9.4 8.8 13.2





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.905 ug/l  
 RT: 13.945 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VX048061.D  
 Acq: 08 Oct 2025 09:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1008MBL01



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 1946  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 101.6 | 47.6  | 142.8 |
| 145       | 35.4  | 17.9  | 53.7  |

