

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052225\  
 Data File : VX046320.D  
 Acq On : 22 May 2025 11:37  
 Operator : JC/MD  
 Sample : Q2097-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RBR200044

Quant Time: May 23 01:43:59 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

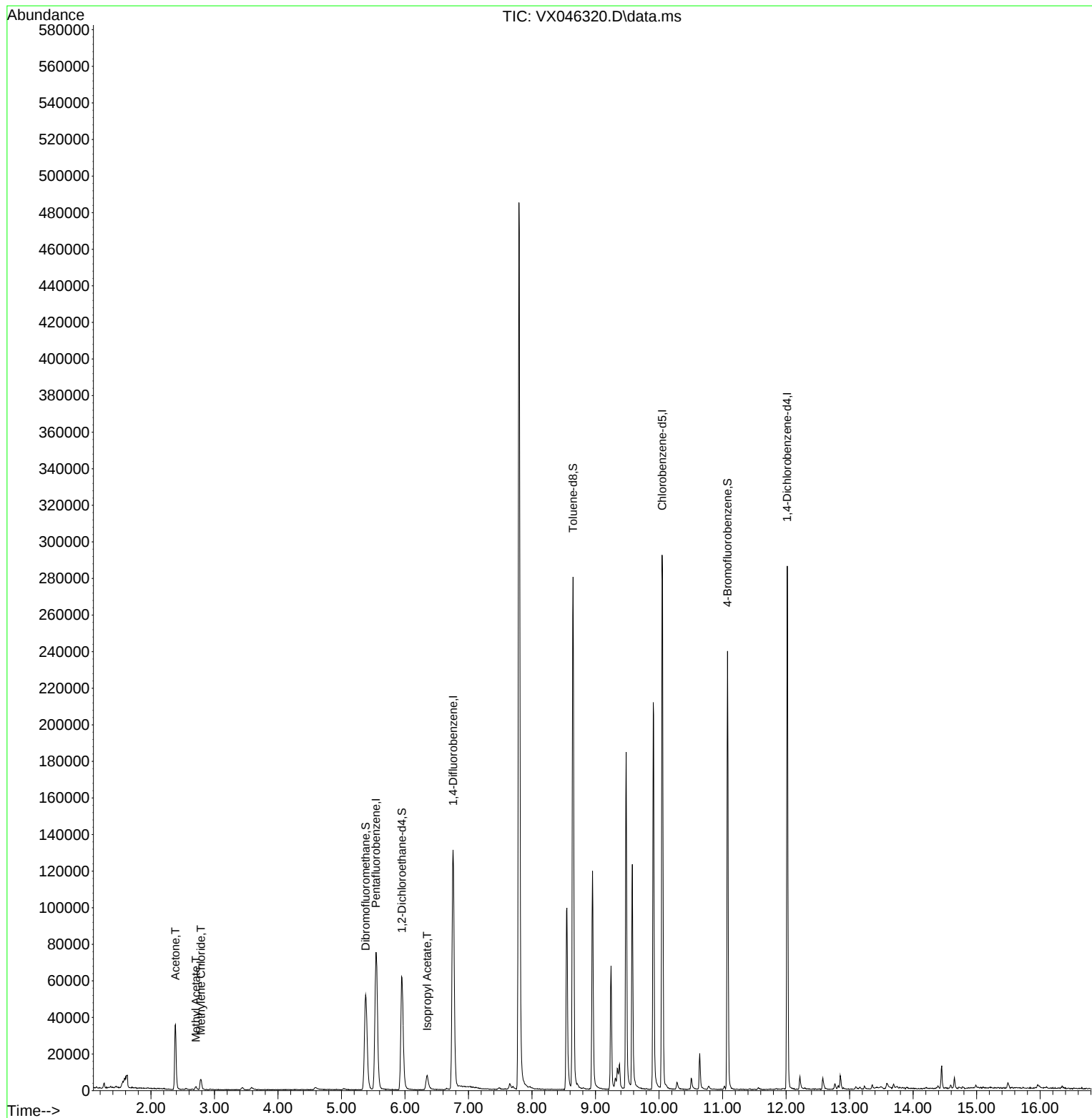
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 5.544          | 168  | 63914               | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 125758              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.049         | 117  | 119902              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 50985               | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 64415               | 54.059 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 108.120% |        |       |          |
| 35) Dibromofluoromethane    | 5.379          | 113  | 46228               | 51.047 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 102.100% |        |       |          |
| 50) Toluene-d8              | 8.647          | 98   | 161904              | 51.654 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 103.300% |        |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 62473               | 51.961 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 103.920% |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 2.386          | 43   | 39879               | 83.471 | ug/l  | 96       |
| 18) Methyl Acetate          | 2.709          | 43   | 2252                | 2.031  | ug/l  | 93       |
| 20) Methylene Chloride      | 2.788          | 84   | 2633                | 2.876  | ug/l  | 90       |
| 43) Isopropyl Acetate       | 6.348          | 43   | 11737               | 5.118  | ug/l  | 99       |
| -----                       |                |      |                     |        |       |          |

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

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Sample : Q2097-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RBR200044

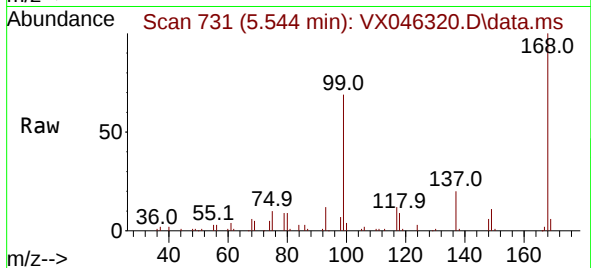
Quant Time: May 23 01:43:59 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
Response via : Initial Calibration



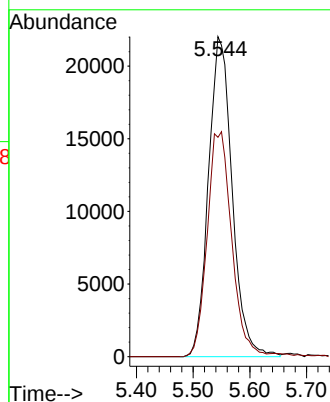
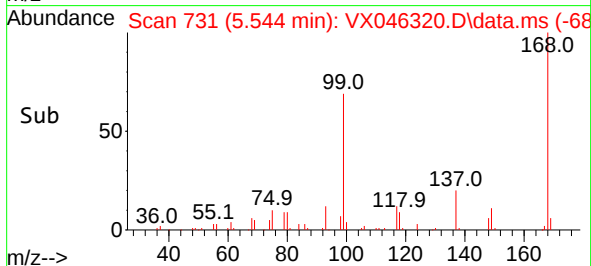


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX046320.D  
Acq: 22 May 2025 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
RBR200044

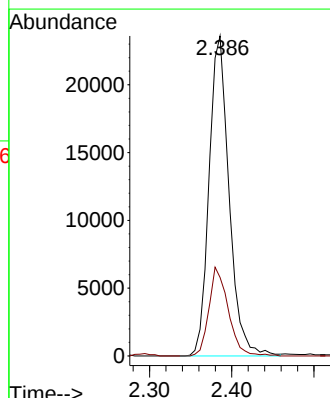
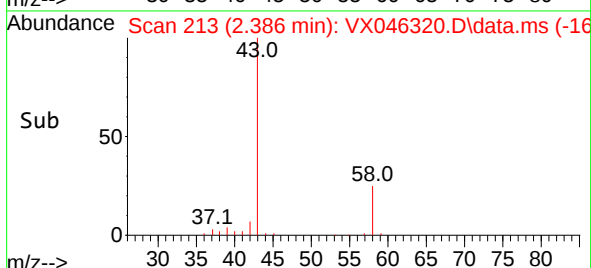
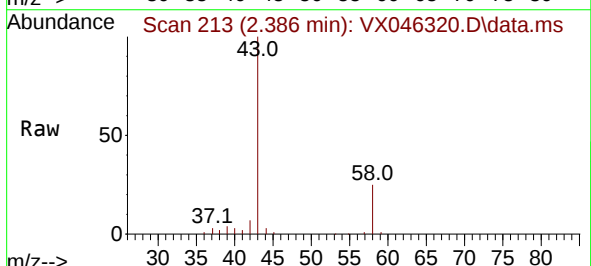


Tgt Ion:168 Resp: 63914  
Ion Ratio Lower Upper  
168 100  
99 68.5 54.9 82.3



#16  
Acetone  
Concen: 83.471 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX046320.D  
Acq: 22 May 2025 11:37

Tgt Ion: 43 Resp: 39879  
Ion Ratio Lower Upper  
43 100  
58 24.6 21.2 31.8

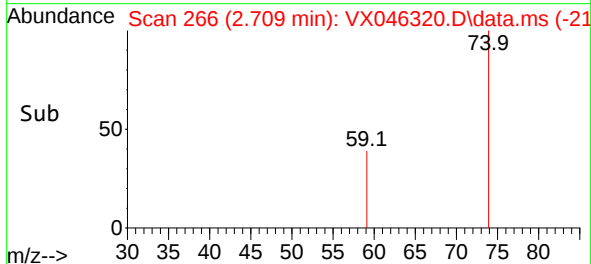
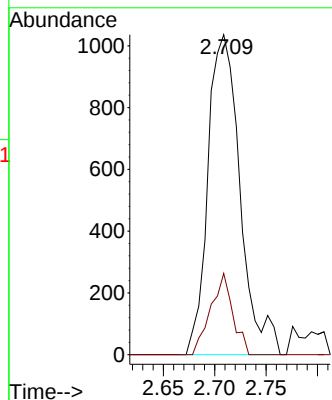
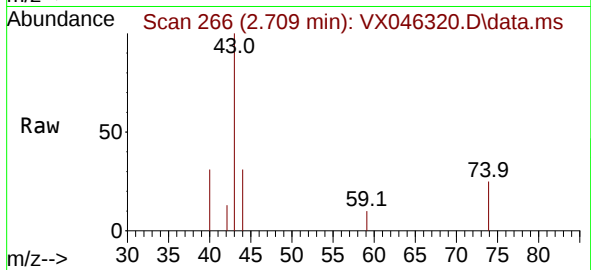




#18  
Methyl Acetate  
Concen: 2.031 ug/l  
RT: 2.709 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX046320.D  
Acq: 22 May 2025 11:37

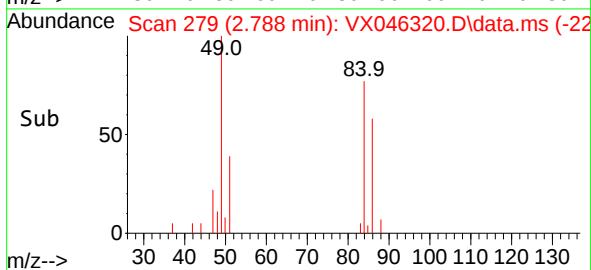
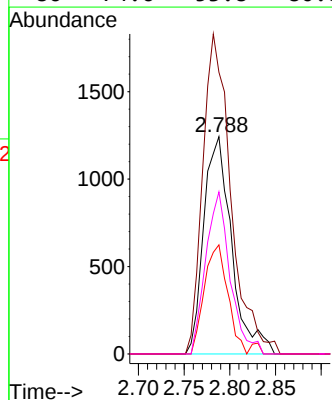
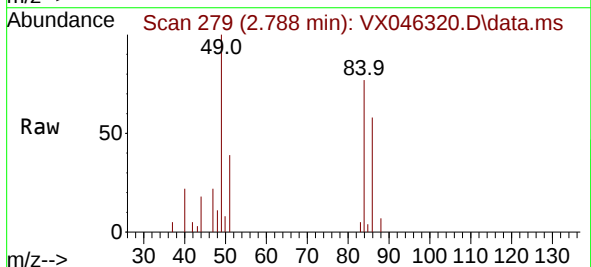
Instrument :  
MSVOA\_X  
ClientSampleId :  
RBR200044

Tgt Ion: 43 Resp: 2252  
Ion Ratio Lower Upper  
43 100  
74 17.5 16.7 25.1



#20  
Methylene Chloride  
Concen: 2.876 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX046320.D  
Acq: 22 May 2025 11:37

Tgt Ion: 84 Resp: 2633  
Ion Ratio Lower Upper  
84 100  
49 129.6 113.9 170.9  
51 50.2 33.5 50.3  
86 74.6 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 54.059 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046320.D

Acq: 22 May 2025 11:37

Instrument :

MSVOA\_X

ClientSampleId :

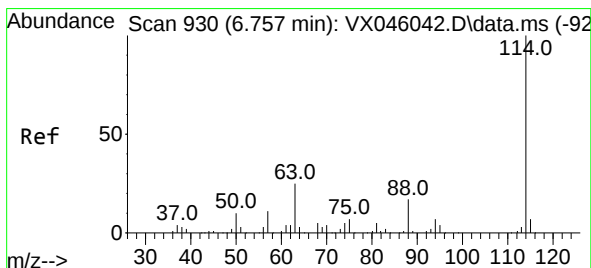
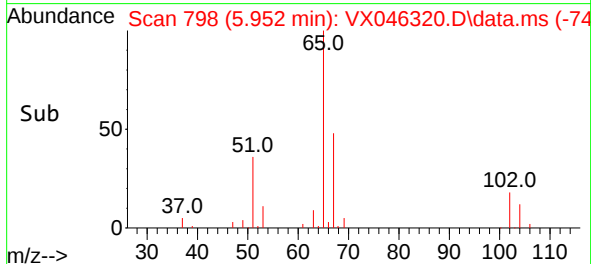
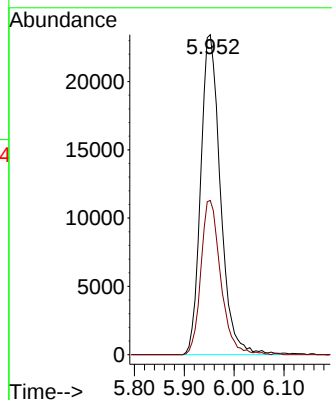
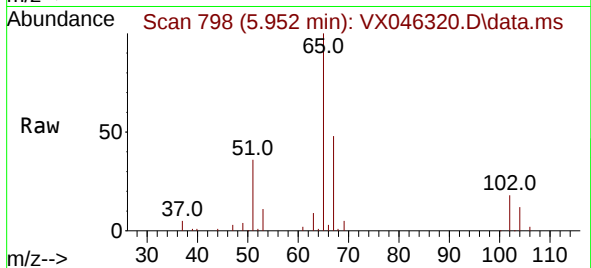
RBR200044

Tgt Ion: 65 Resp: 64415

Ion Ratio Lower Upper

65 100

67 48.4 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046320.D

Acq: 22 May 2025 11:37

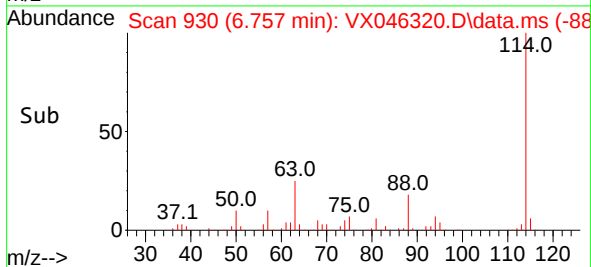
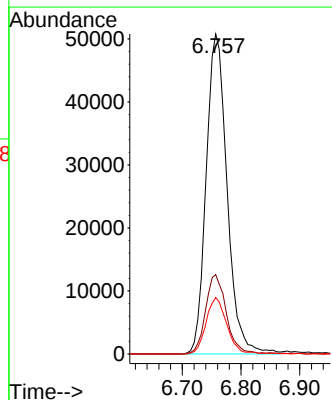
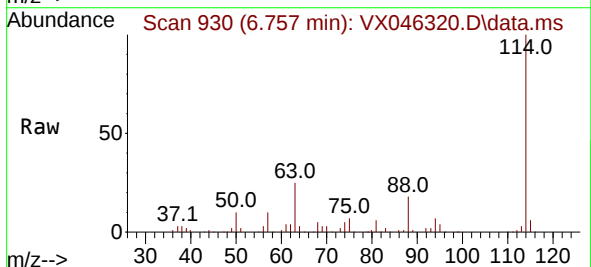
Tgt Ion: 114 Resp: 125758

Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.2

88 17.6 0.0 33.6

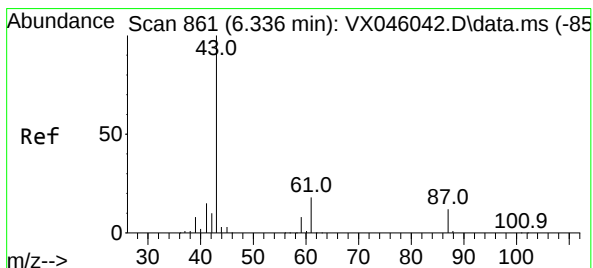
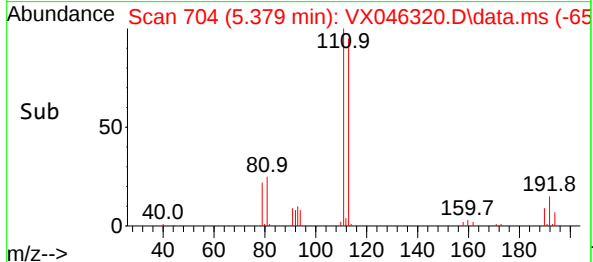
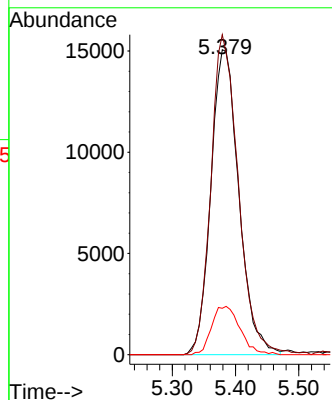
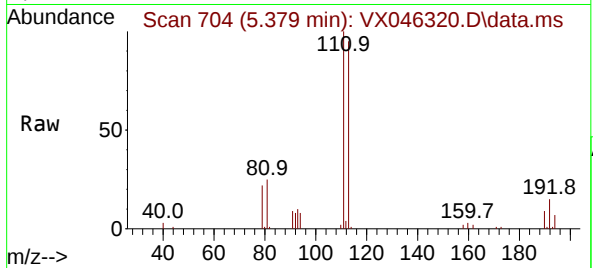




#35  
Dibromofluoromethane  
Concen: 51.047 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX046320.D  
Acq: 22 May 2025 11:37

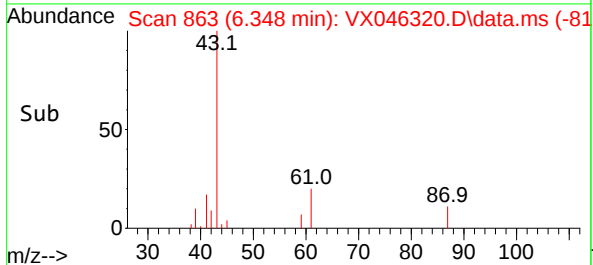
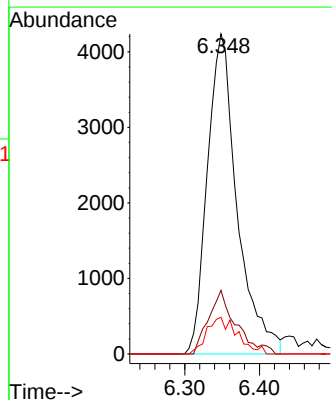
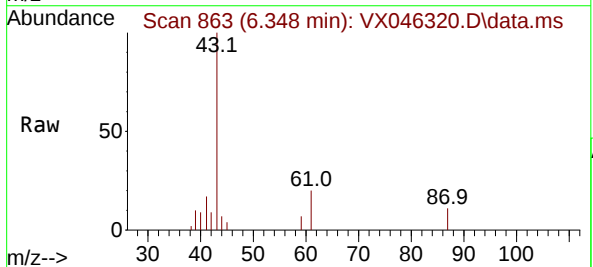
Instrument :  
MSVOA\_X  
ClientSampleId :  
RBR200044

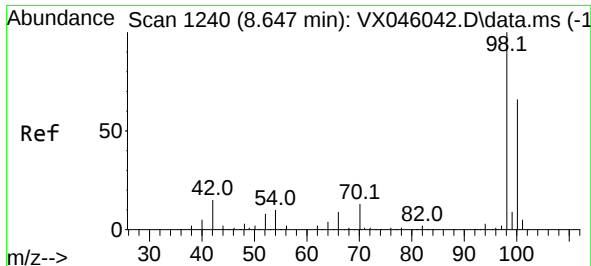
Tgt Ion:113 Resp: 46228  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.1 124.7  
192 16.2 13.3 19.9



#43  
Isopropyl Acetate  
Concen: 5.118 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VX046320.D  
Acq: 22 May 2025 11:37

Tgt Ion: 43 Resp: 11737  
Ion Ratio Lower Upper  
43 100  
61 18.4 14.3 21.5  
87 11.7 9.5 14.3

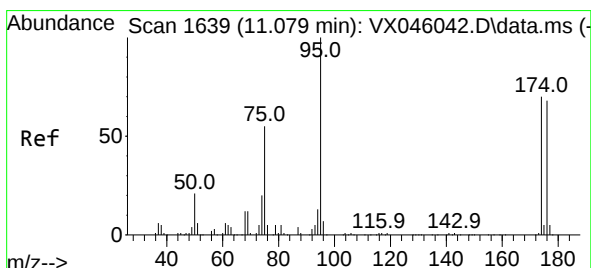
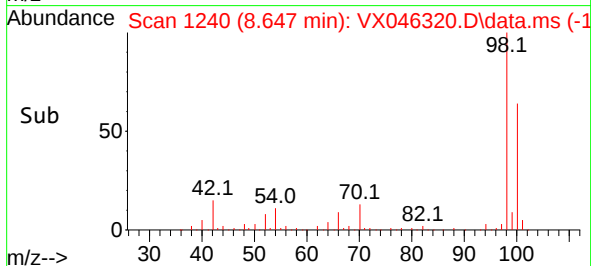
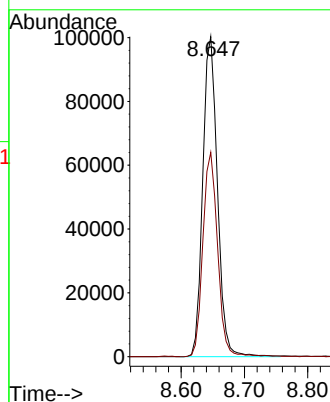
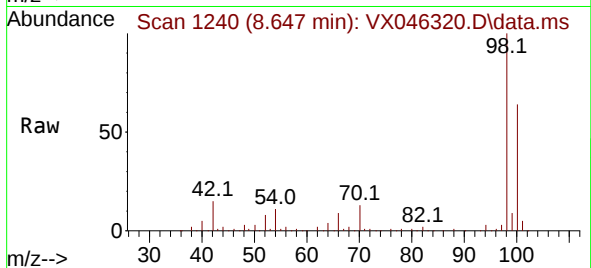




#50  
Toluene-d8  
Concen: 51.654 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046320.D  
Acq: 22 May 2025 11:37

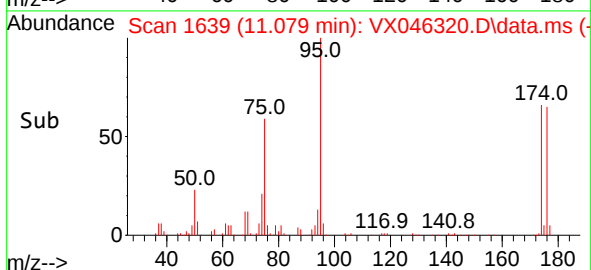
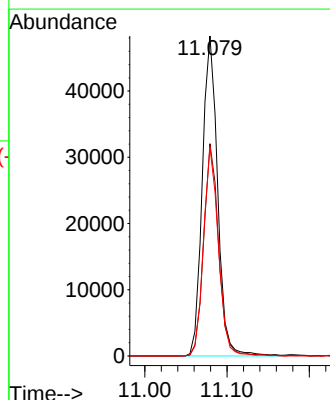
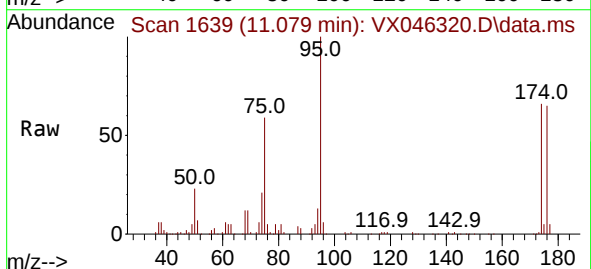
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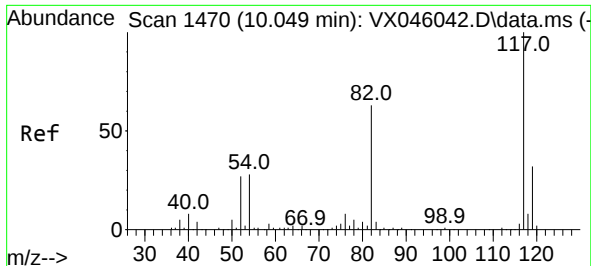
Tgt Ion: 98 Resp: 161904  
Ion Ratio Lower Upper  
98 100  
100 64.3 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 51.961 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046320.D  
Acq: 22 May 2025 11:37

Tgt Ion: 95 Resp: 62473  
Ion Ratio Lower Upper  
95 100  
174 64.9 0.0 135.8  
176 63.5 0.0 131.4

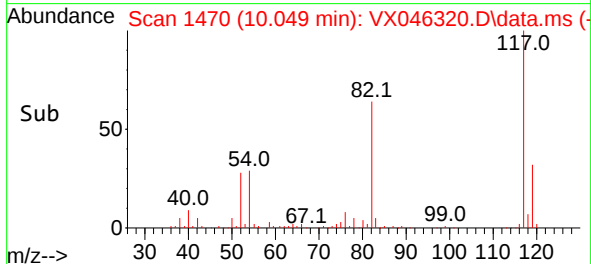
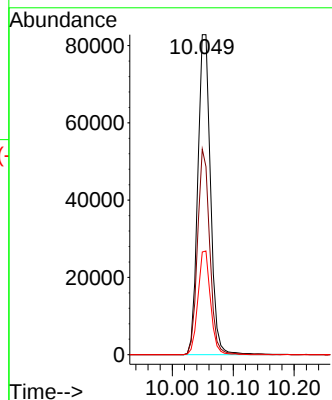
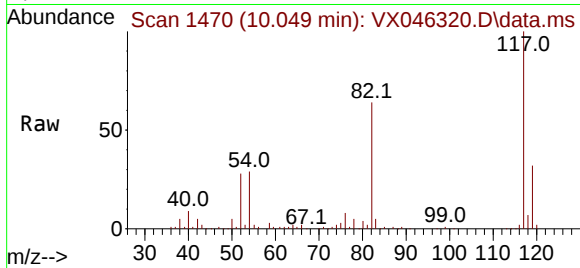




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046320.D  
Acq: 22 May 2025 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
RBR200044

Tgt Ion:117 Resp: 119902  
Ion Ratio Lower Upper  
117 100  
82 64.3 50.6 76.0  
119 32.1 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046320.D  
Acq: 22 May 2025 11:37

Tgt Ion:152 Resp: 50985  
Ion Ratio Lower Upper  
152 100  
115 65.9 46.9 140.7  
150 160.4 0.0 351.0

