

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110222\  
 Data File : VX032535.D  
 Acq On : 02 Nov 2022 14:06  
 Operator : JC/MD  
 Sample : N5420-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW8-PT-IN02-11012022

Quant Time: Nov 03 03:11:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

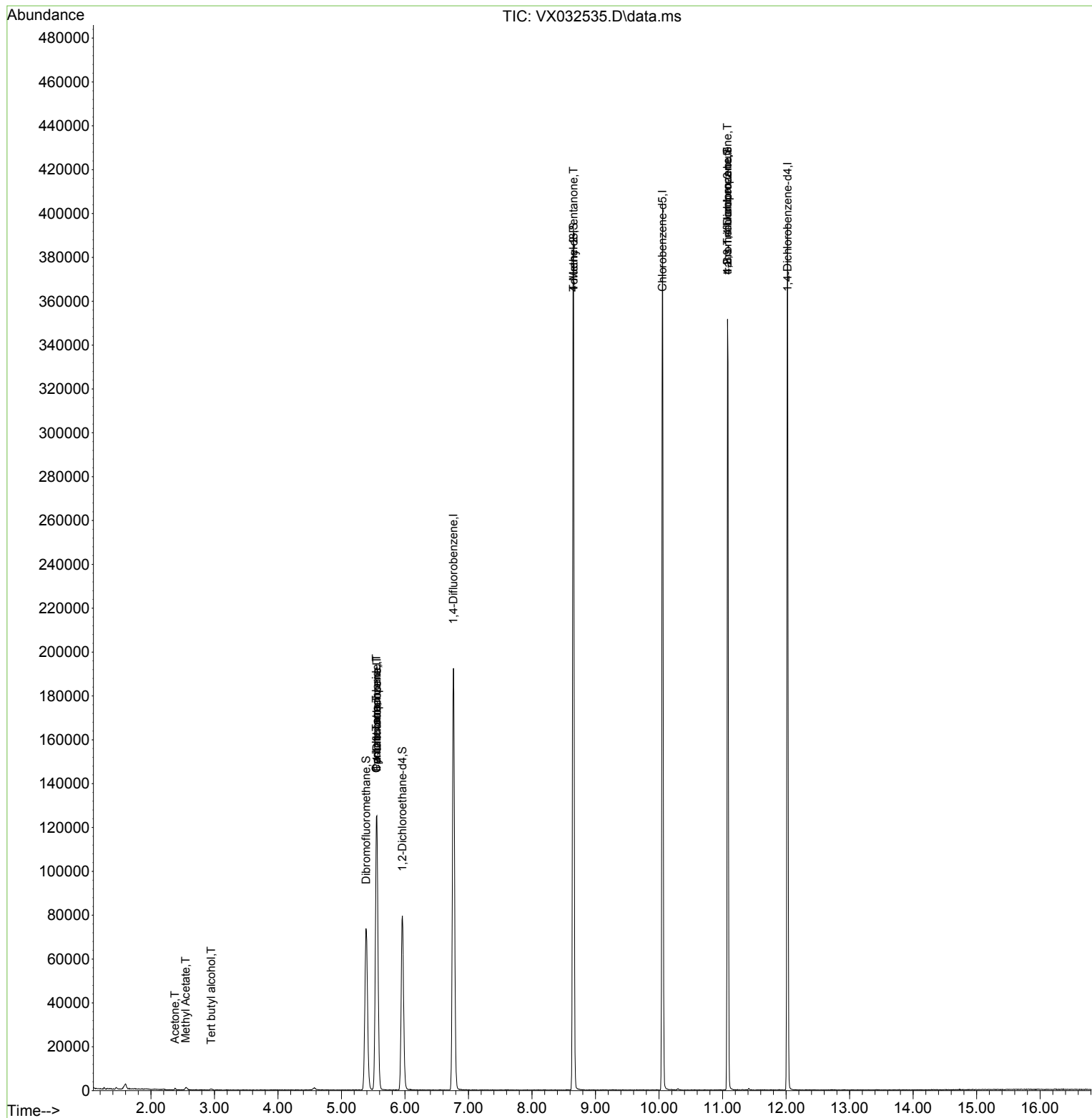
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 5.556          | 168  | 118516     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 195061     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 171810     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 79638      | 50.000  | ug/l   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 79402      | 48.217  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 96.440% |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 63744      | 45.813  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 91.620% |        |          |
| 50) Toluene-d8                | 8.653          | 98   | 232676     | 48.092  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 96.180% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 87254      | 46.169  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 92.340% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
|                               |                |      |            |         | Qvalue |          |
| 11) Tert butyl alcohol        | 2.946          | 59   | 314        | 1.310   | ug/l # | 72       |
| 16) Acetone                   | 2.380          | 43   | 684        | 1.143   | ug/l # | 76       |
| 18) Methyl Acetate            | 2.544          | 43   | 521        | 0.268   | ug/l # | 51       |
| 31) Cyclohexane               | 5.550          | 56   | 2692       | 1.348   | ug/l # | 31       |
| 36) 1,1-Dichloropropene       | 5.556          | 75   | 8900       | 4.593   | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 12240      | 5.696   | ug/l # | 15       |
| 51) 4-Methyl-2-Pentanone      | 8.653          | 43   | 1059       | 0.543   | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 47663      | 26.902  | ug/l # | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 47663      | 85.602  | ug/l # | 6        |
| -----                         |                |      |            |         |        |          |

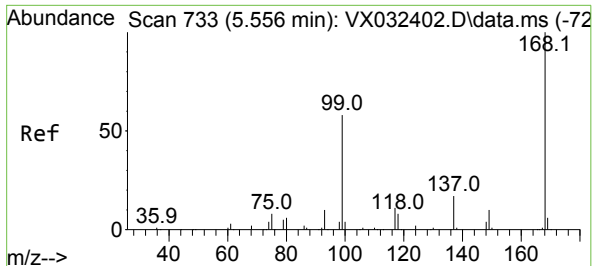
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110222\  
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Sample : N5420-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RW8-PT-IN02-11012022

Quant Time: Nov 03 03:11:52 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 08:28:06 2022  
Response via : Initial Calibration

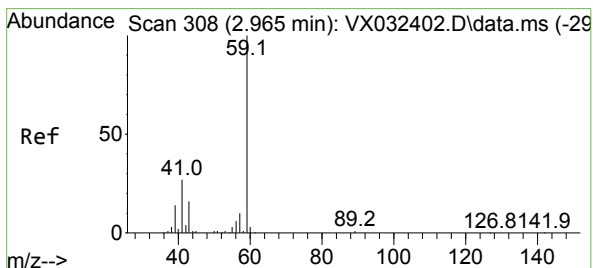
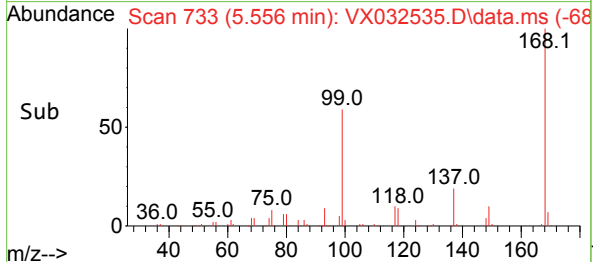
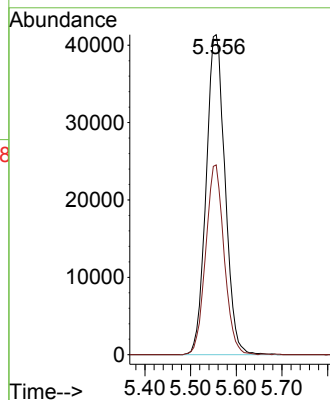
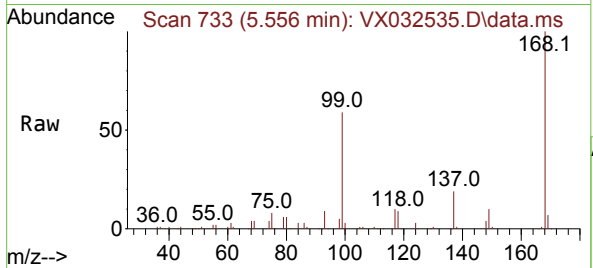




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

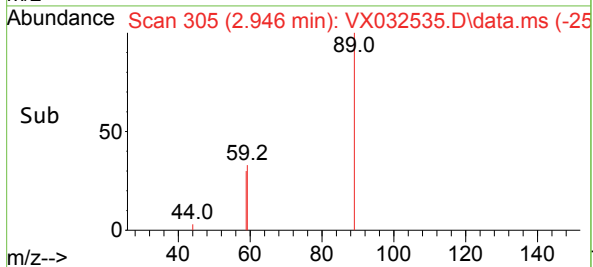
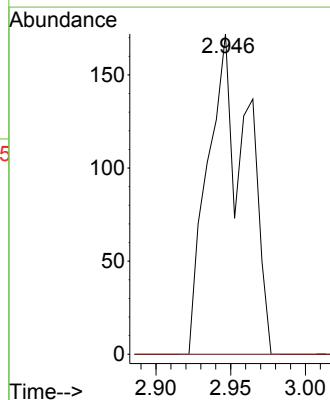
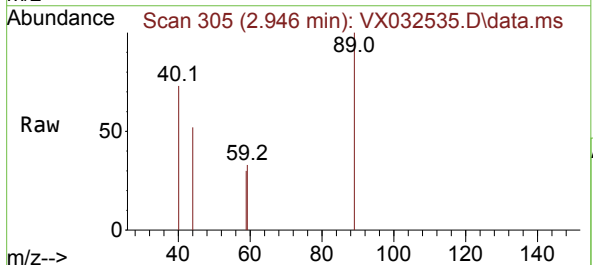
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW8-PT-IN02-11012022

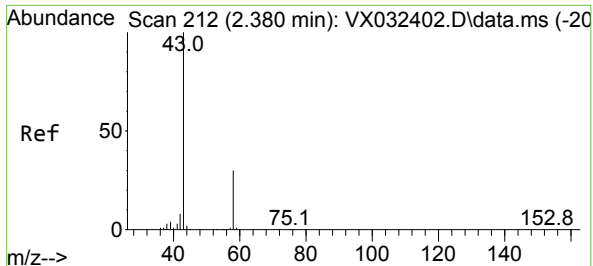
Tgt Ion:168 Resp: 118516  
Ion Ratio Lower Upper  
168 100  
99 59.3 46.1 69.1



#11  
Tert butyl alcohol  
Concen: 1.310 ug/l  
RT: 2.946 min Scan# 305  
Delta R.T. -0.018 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

Tgt Ion: 59 Resp: 314  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#

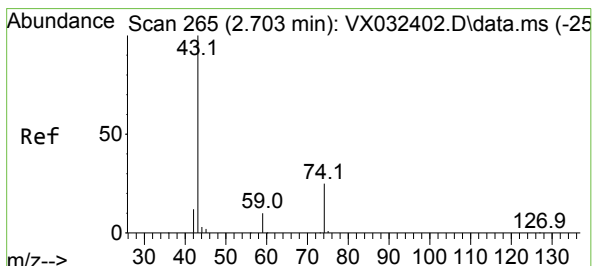
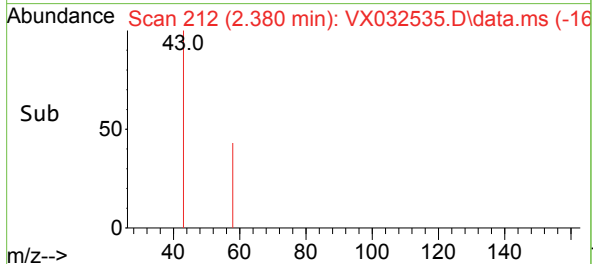
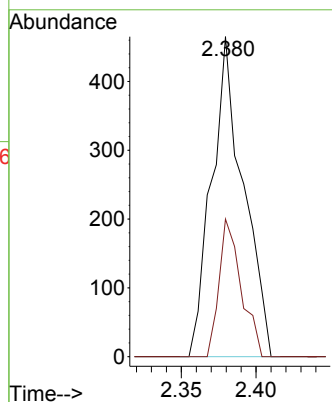
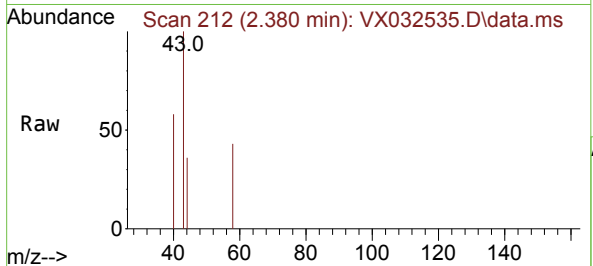




#16  
Acetone  
Concen: 1.143 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

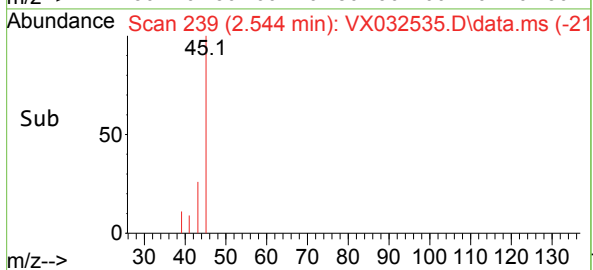
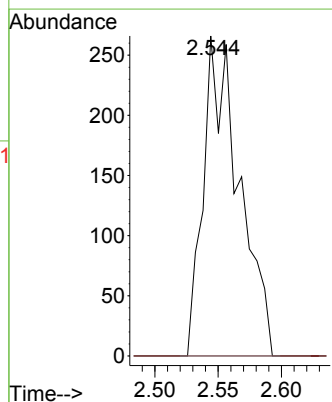
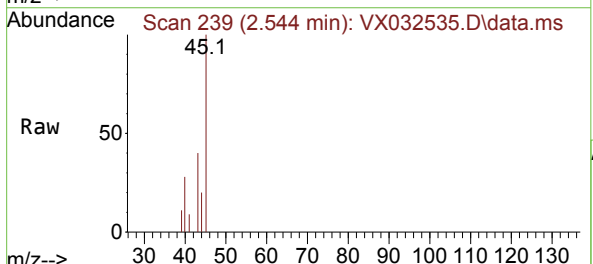
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW8-PT-IN02-11012022

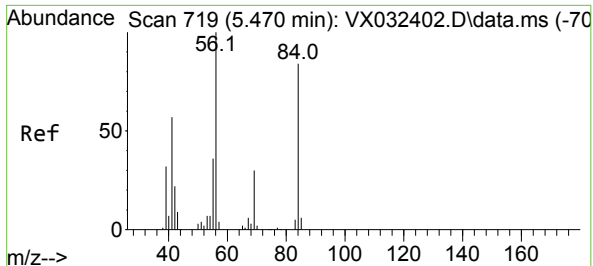
Tgt Ion: 43 Resp: 684  
Ion Ratio Lower Upper  
43 100  
58 43.0 23.8 35.8#



#18  
Methyl Acetate  
Concen: 0.268 ug/l  
RT: 2.544 min Scan# 239  
Delta R.T. -0.159 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

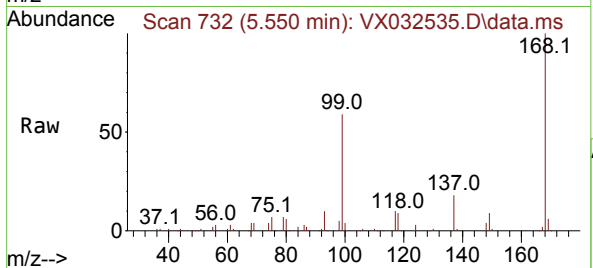
Tgt Ion: 43 Resp: 521  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.4 29.0#



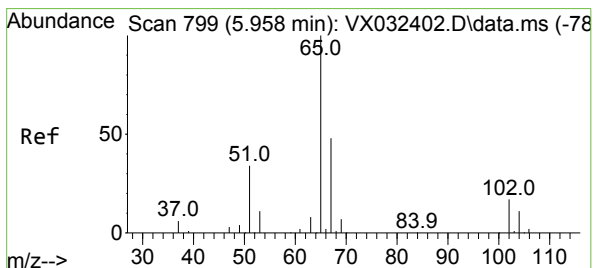
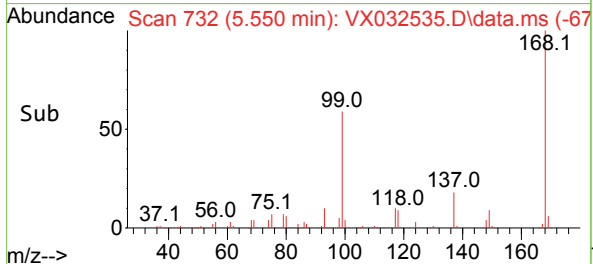
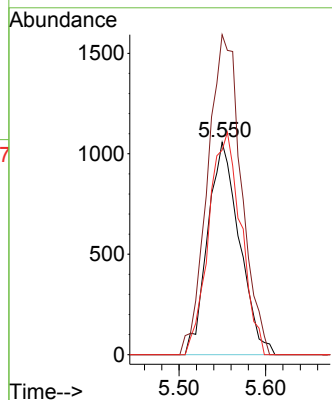


#31  
Cyclohexane  
Concen: 1.348 ug/l  
RT: 5.550 min Scan# 719  
Delta R.T. 0.079 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
RW8-PT-IN02-11012022

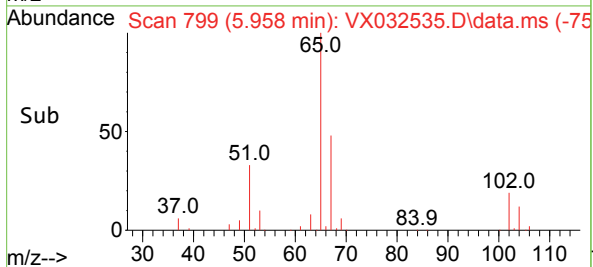
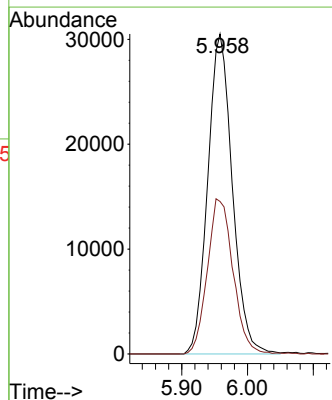
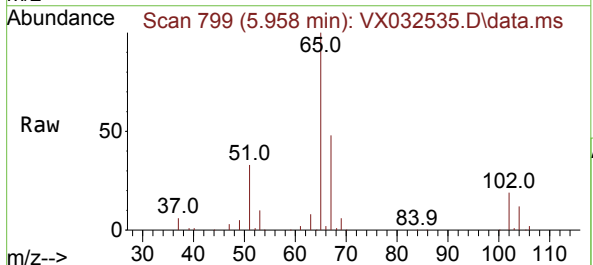


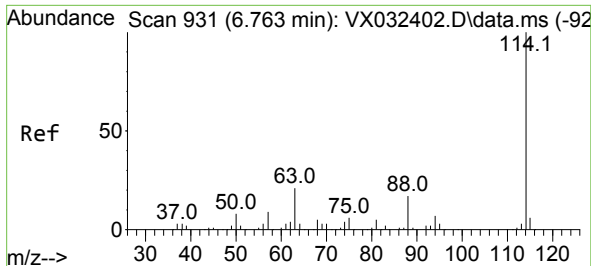
Tgt Ion: 56 Resp: 2692  
Ion Ratio Lower Upper  
56 100  
69 150.7 24.1 36.1#  
84 96.3 66.9 100.3



#33  
1,2-Dichloroethane-d4  
Concen: 48.217 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

Tgt Ion: 65 Resp: 79402  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 101.8

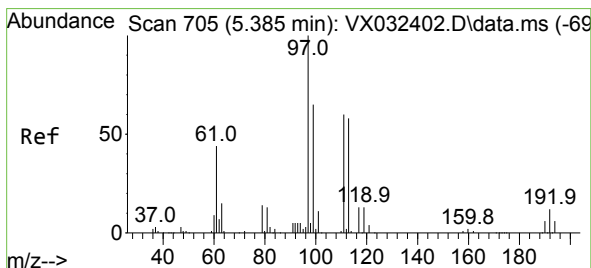
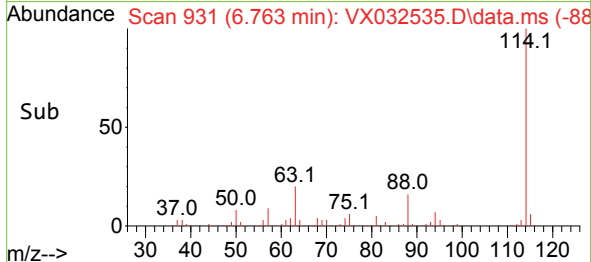
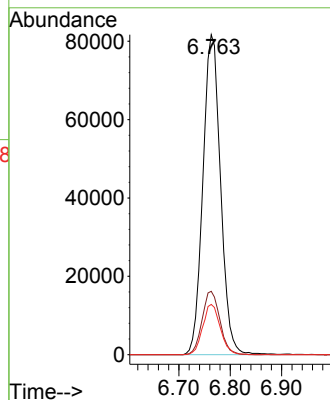
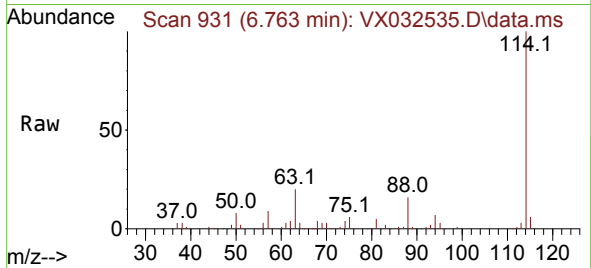




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

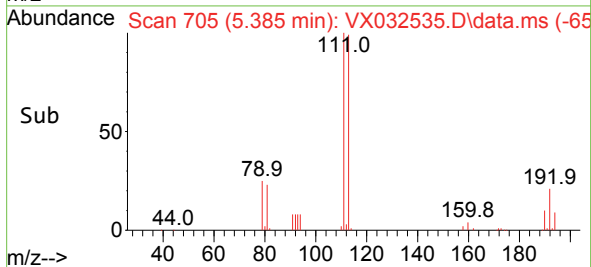
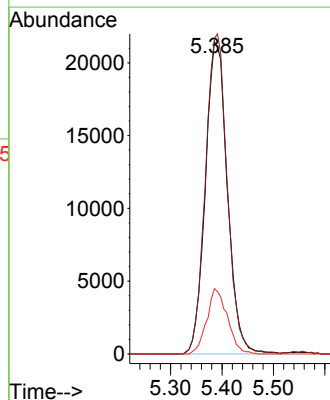
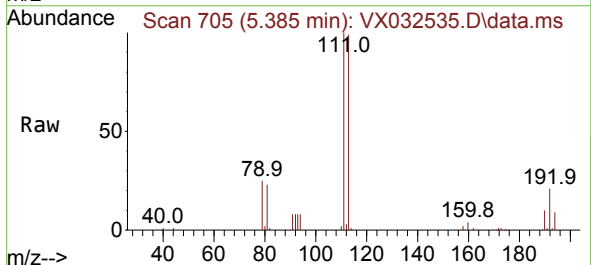
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW8-PT-IN02-11012022

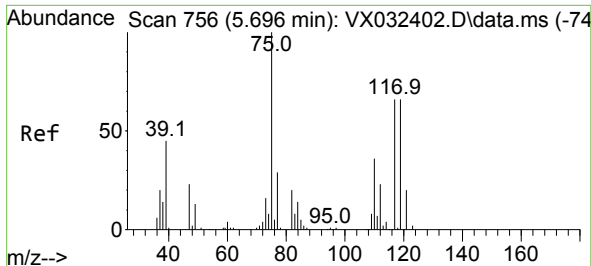
Tgt Ion:114 Resp: 195061  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 41.6  
88 15.7 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 45.813 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

Tgt Ion:113 Resp: 63744  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.4 123.6  
192 19.6 15.4 23.2

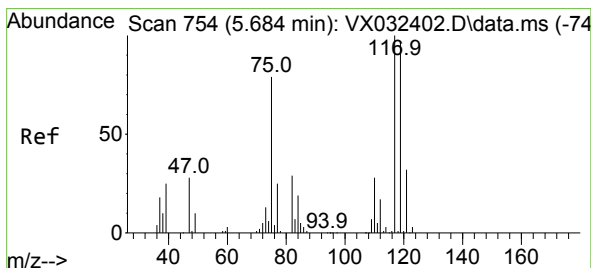
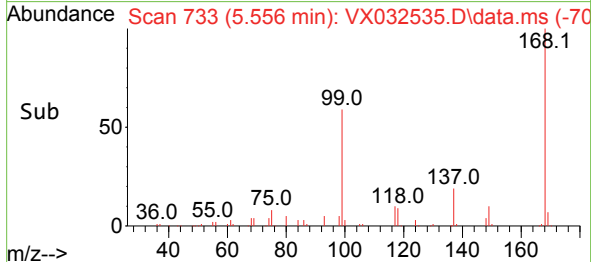
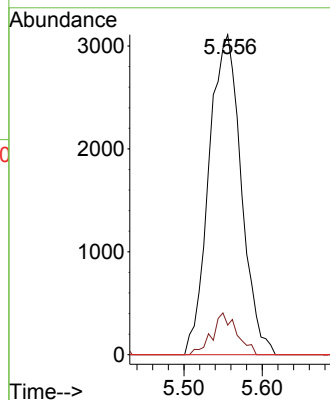
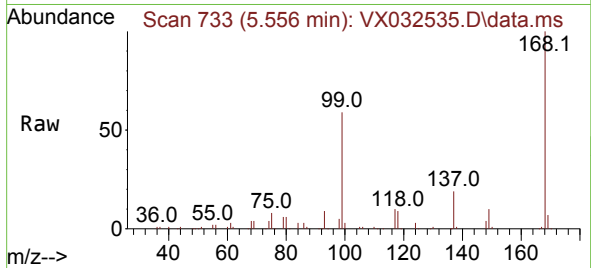




#36  
1,1-Dichloropropene  
Concen: 4.593 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.140 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

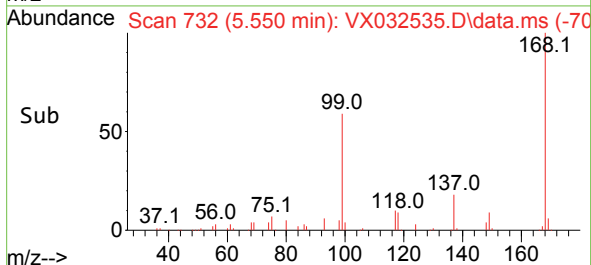
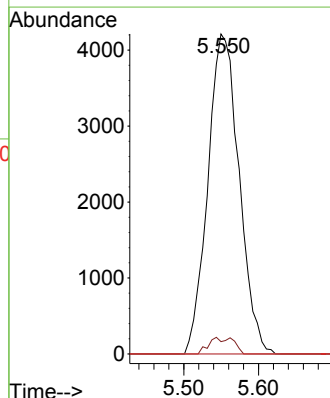
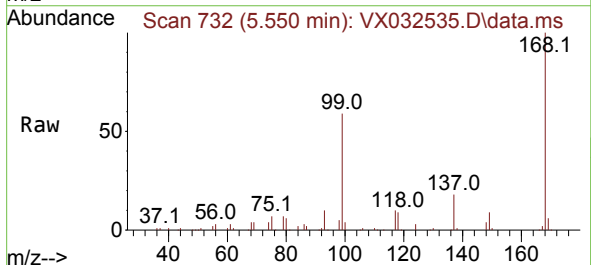
Instrument :  
MSVOA\_X  
ClientSampleId :  
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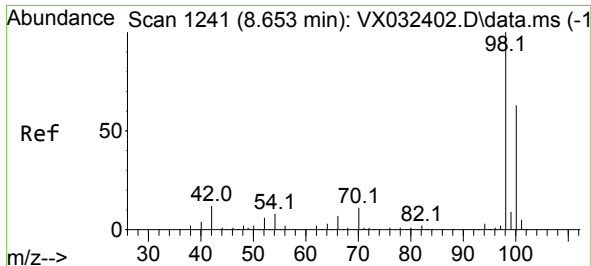
Tgt Ion: 75 Resp: 8900  
Ion Ratio Lower Upper  
75 100  
110 10.0 18.4 55.2#  
77 0.0 24.5 36.7#



#38  
Carbon Tetrachloride  
Concen: 5.696 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.134 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

Tgt Ion: 117 Resp: 12240  
Ion Ratio Lower Upper  
117 100  
119 3.9 77.2 115.8#  
121 0.0 25.8 38.6#

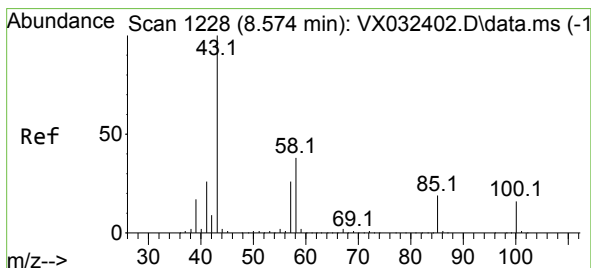
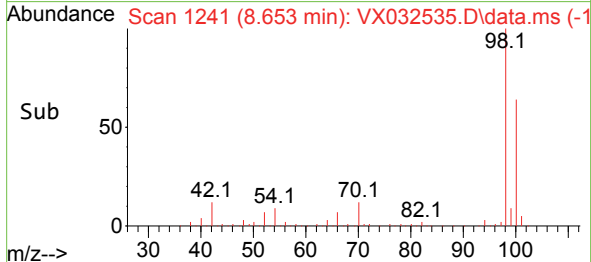
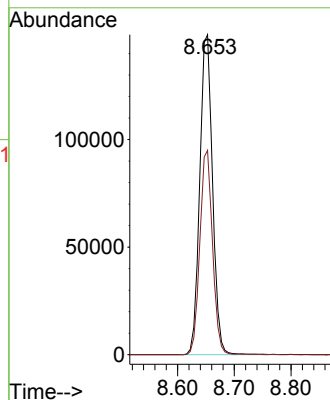
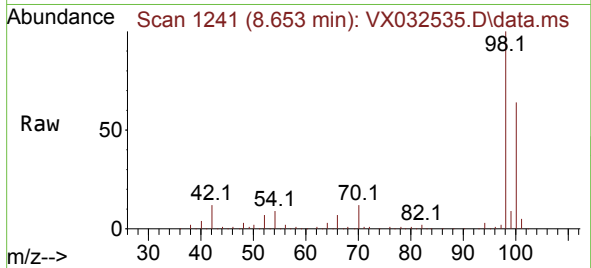




#50  
Toluene-d8  
Concen: 48.092 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

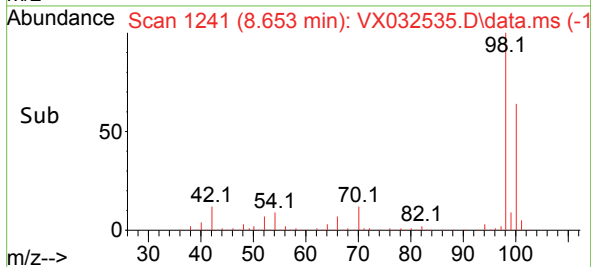
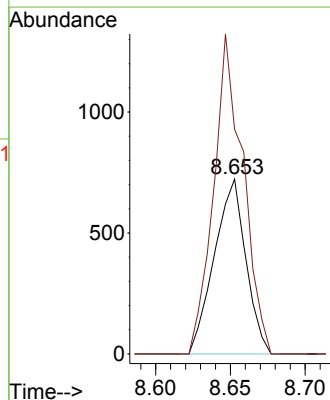
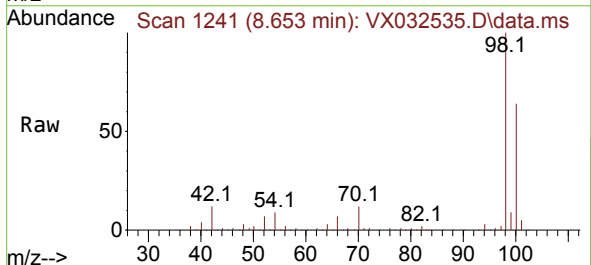
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW8-PT-IN02-11012022

Tgt Ion: 98 Resp: 232676  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.9 76.3

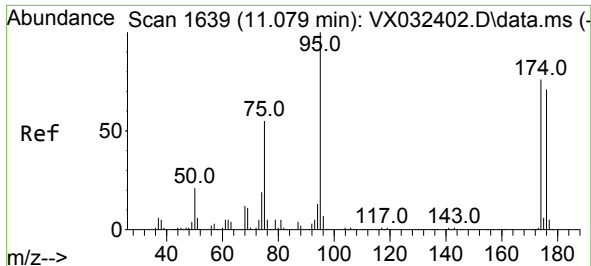


#51  
4-Methyl-2-Pentanone  
Concen: 0.543 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.079 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

Tgt Ion: 43 Resp: 1059  
Ion Ratio Lower Upper  
43 100  
58 171.1 30.9 46.3#



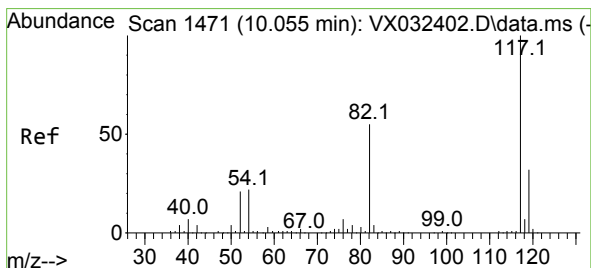
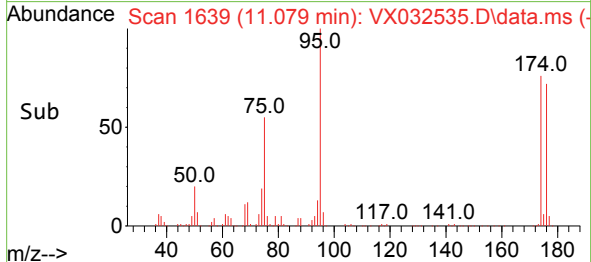
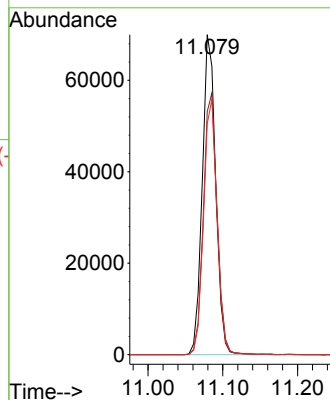
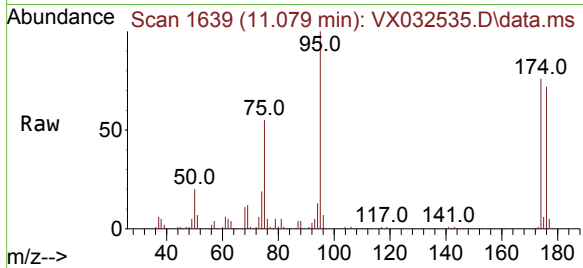




#62  
4-Bromofluorobenzene  
Concen: 46.169 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

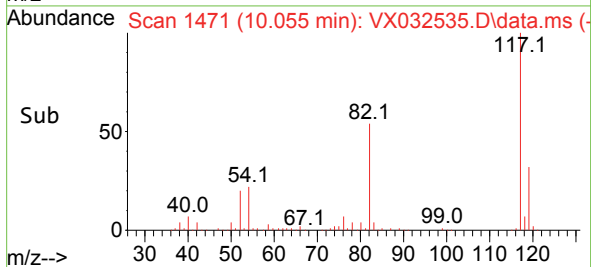
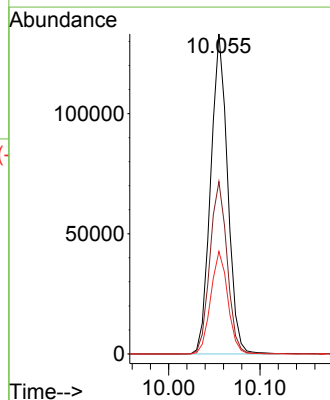
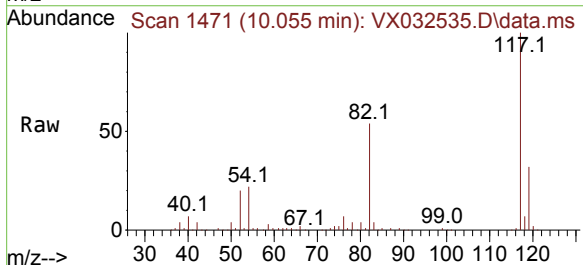
Instrument :  
MSVOA\_X  
ClientSampleId :  
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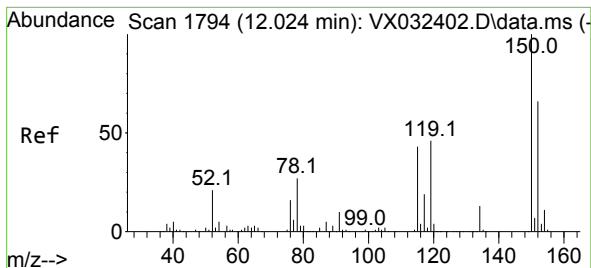
Tgt Ion: 95 Resp: 87254  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 164.0  
176 80.2 0.0 154.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX032535.D  
Acq: 02 Nov 2022 14:06

Tgt Ion: 117 Resp: 171810  
Ion Ratio Lower Upper  
117 100  
82 53.9 44.3 66.5  
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032535.D

Acq: 02 Nov 2022 14:06

Instrument :

MSVOA\_X

ClientSampleId :

RW8-PT-IN02-11012022

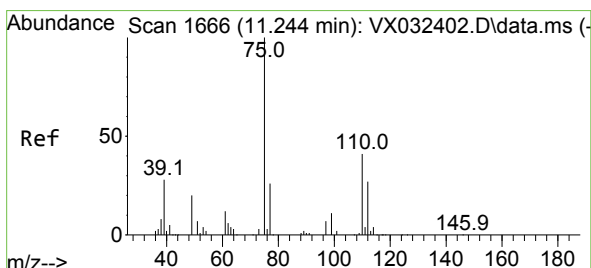
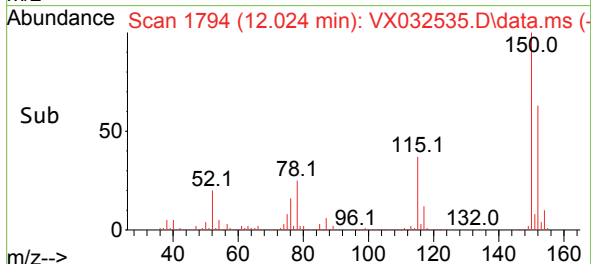
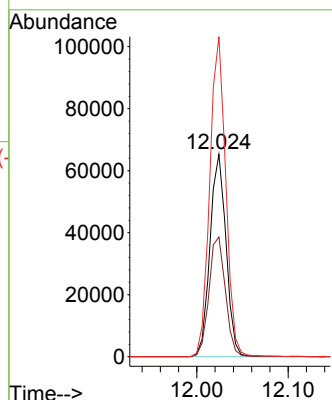
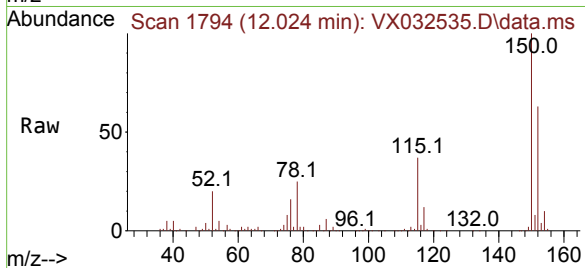
Tgt Ion:152 Resp: 79638

Ion Ratio Lower Upper

152 100

115 60.6 44.0 132.0

150 157.4 0.0 351.8



#76

1,2,3-Trichloropropane

Concen: 26.902 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX032535.D

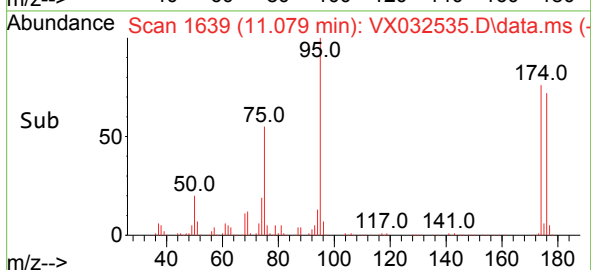
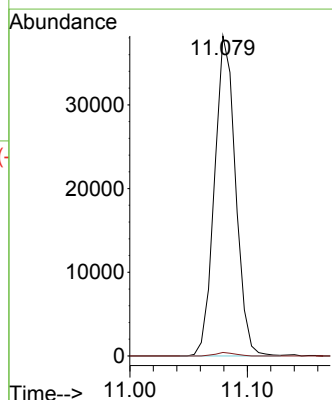
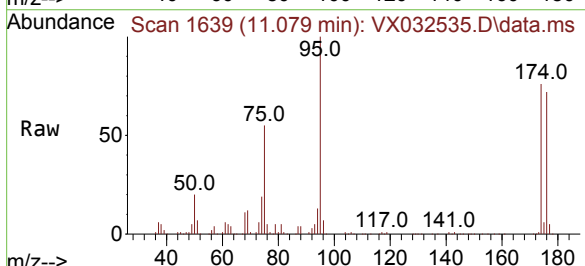
Acq: 02 Nov 2022 14:06

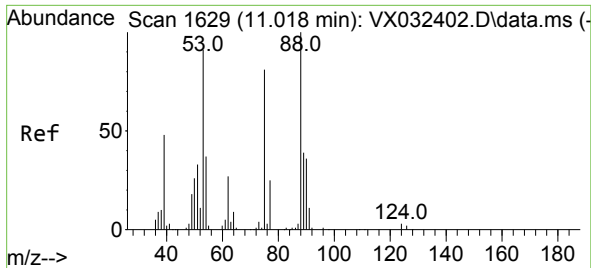
Tgt Ion: 75 Resp: 47663

Ion Ratio Lower Upper

75 100

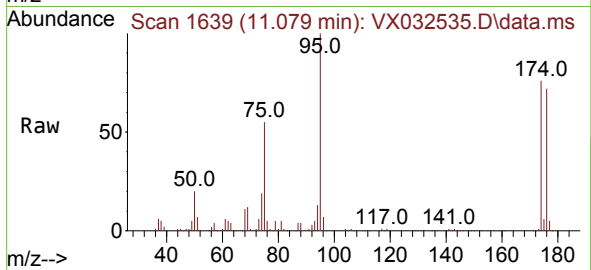
77 1.0 20.0 60.0#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 85.602 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX032535.D  
 Acq: 02 Nov 2022 14:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW8-PT-IN02-11012022



Tgt Ion: 75 Resp: 47663  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 86.9 130.3#  
 89 0.0 38.3 57.5#

