

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030122\  
 Data File : VX027257.D  
 Acq On : 01 Mar 2022 18:37  
 Operator : JC/MD  
 Sample : N1710-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 HP-2-30

Quant Time: Mar 02 00:37:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 23 13:06:57 2022  
 Response via : Initial Calibration

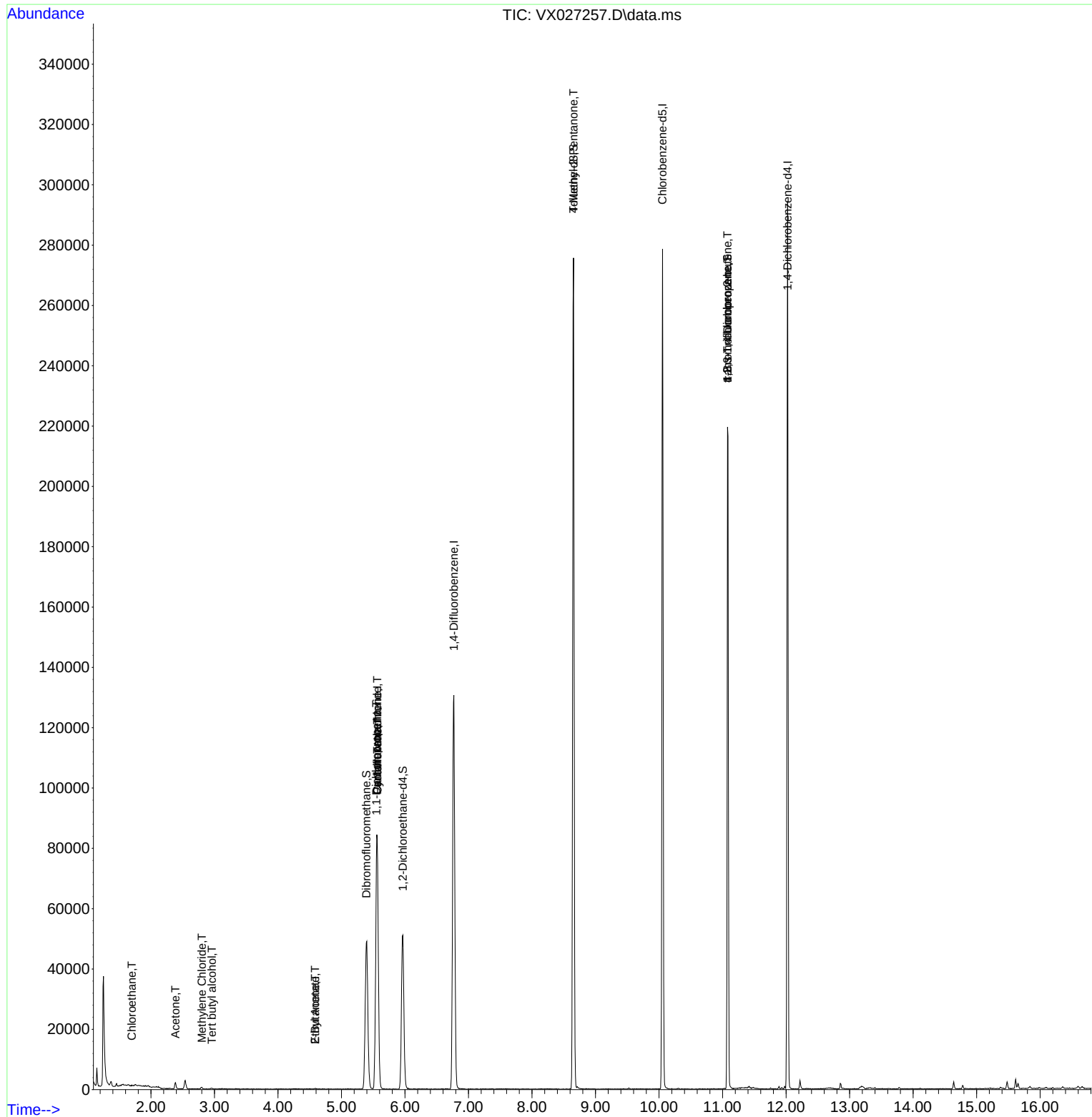
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.562  | 168   | 83714    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769  | 114   | 139438   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 128050   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 61679    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 49957    | 49.688   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 99.380%  |
| 35) Dibromofluoromethane      | 5.391  | 113   | 43465    | 50.219   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 100.440% |
| 50) Toluene-d8                | 8.653  | 98    | 166827   | 51.549   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 103.100% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 61022    | 49.122   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 98.240%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 6) Chloroethane               | 1.697  | 64    | 136      | 0.286    | ug/l # | 43       |
| 11) Tert butyl alcohol        | 2.959  | 59    | 131      | 0.670    | ug/l # | 75       |
| 16) Acetone                   | 2.386  | 43    | 2236     | 5.065    | ug/l # | 86       |
| 20) Methylene Chloride        | 2.800  | 84    | 338      | 0.369    | ug/l # | 73       |
| 25) 2-Butanone                | 4.586  | 43    | 338      | 0.481    | ug/l # | 50       |
| 31) Cyclohexane               | 5.562  | 56    | 1483     | 0.985    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 5756     | 4.557    | ug/l # | 50       |
| 37) Ethyl Acetate             | 4.586  | 43    | 338      | 0.244    | ug/l # | 69       |
| 38) Carbon Tetrachloride      | 5.562  | 117   | 8157     | 6.192    | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.653  | 43    | 559      | 0.403    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 29566    | 23.798   | ug/l # | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 29566    | 67.641   | ug/l # | 3        |
| -----                         |        |       |          |          |        |          |

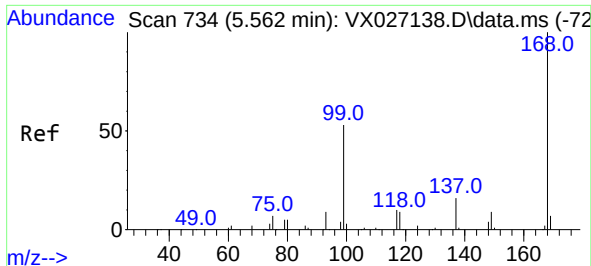
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030122\  
Data File : VX027257.D  
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Operator : JC/MD  
Sample : N1710-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
HP-2-30

Quant Time: Mar 02 00:37:25 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 23 13:06:57 2022  
Response via : Initial Calibration





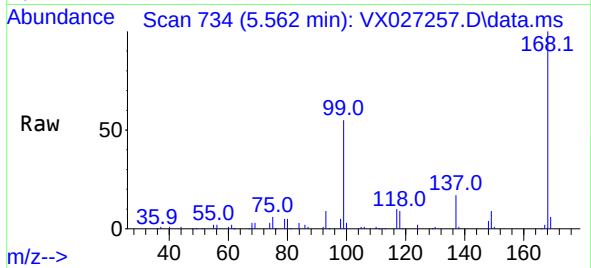
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

Instrument :

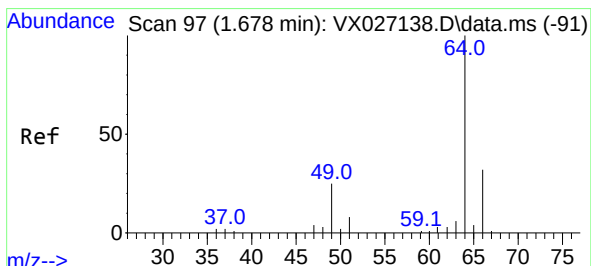
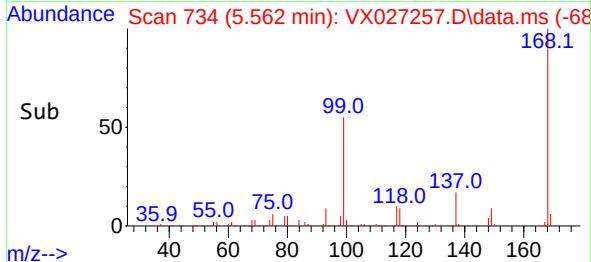
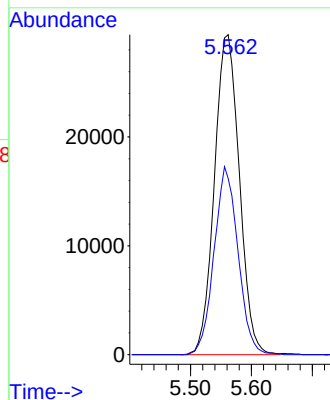
MSVOA\_X

ClientSampleId :

HP-2-30

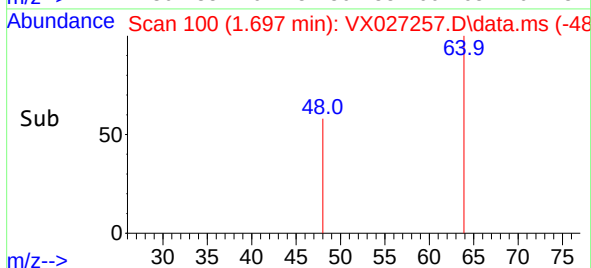
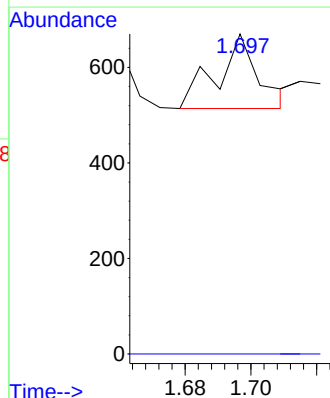
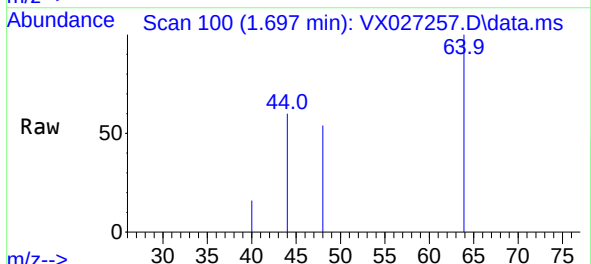


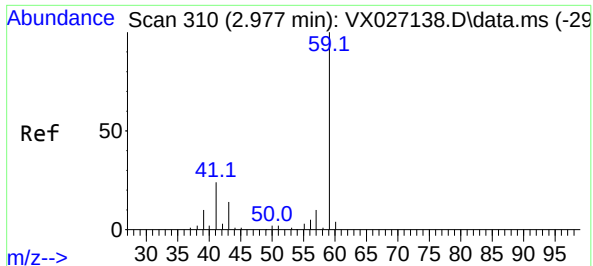
Tgt Ion:168 Resp: 83714  
Ion Ratio Lower Upper  
168 100  
99 55.1 50.3 75.5



#6  
Chloroethane  
Concen: 0.286 ug/l  
RT: 1.697 min Scan# 100  
Delta R.T. 0.019 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

Tgt Ion: 64 Resp: 136  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 0.670 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX027257.D

Acq: 01 Mar 2022 18:37

Instrument :

MSVOA\_X

ClientSampleId :

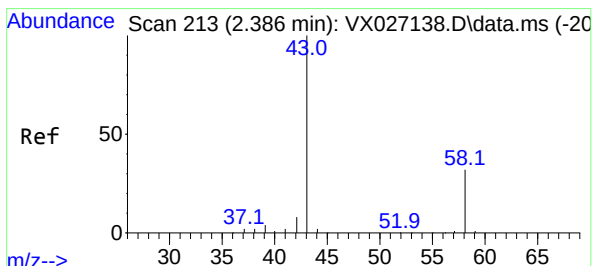
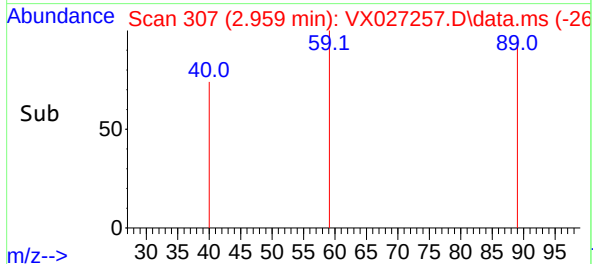
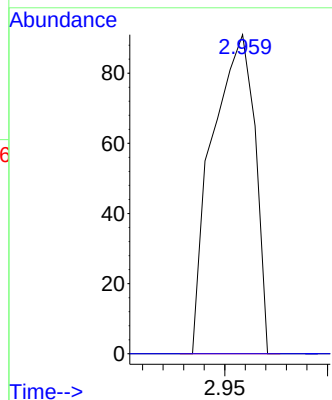
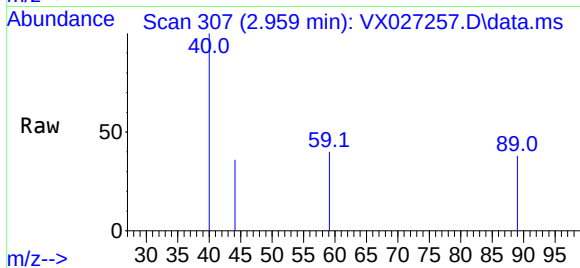
HP-2-30

Tgt Ion: 59 Resp: 131

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 5.065 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX027257.D

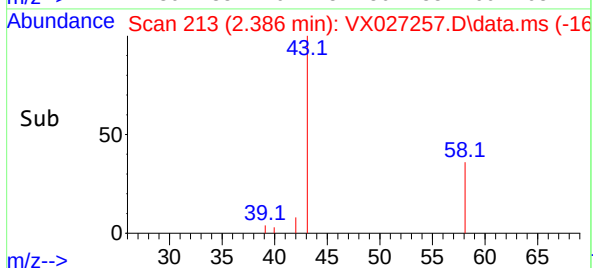
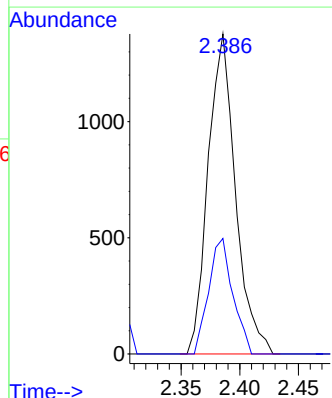
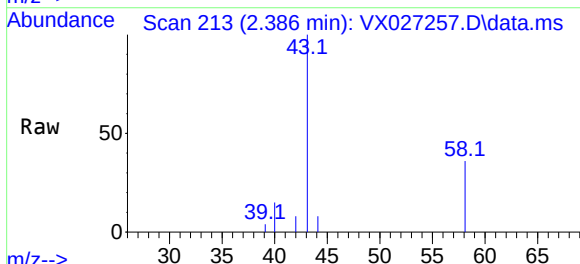
Acq: 01 Mar 2022 18:37

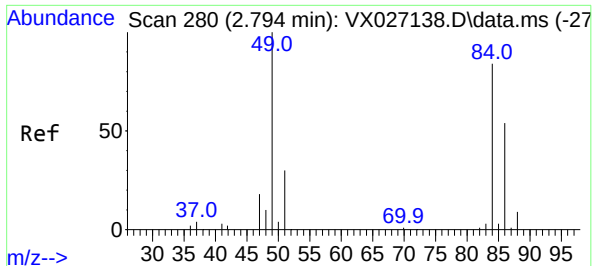
Tgt Ion: 43 Resp: 2236

Ion Ratio Lower Upper

43 100

58 36.1 23.0 34.6#





#20

Methylene Chloride

Concen: 0.369 ug/l

RT: 2.800 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027257.D

Acq: 01 Mar 2022 18:37

Instrument :

MSVOA\_X

ClientSampleId :

HP-2-30

Tgt Ion: 84 Resp: 338

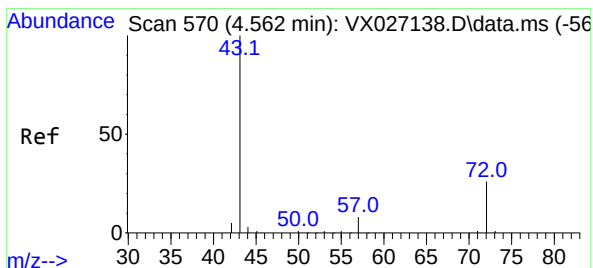
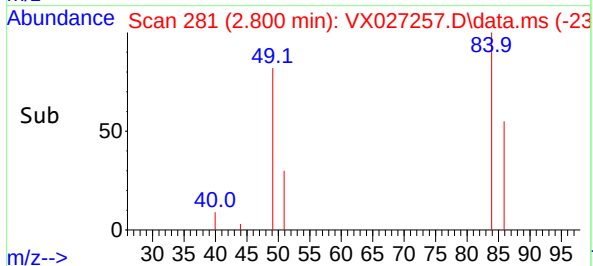
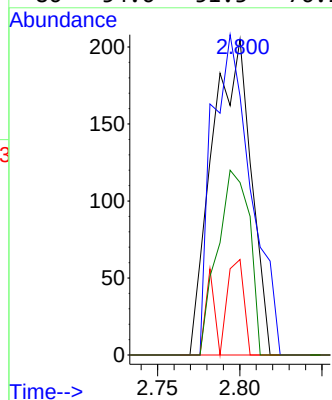
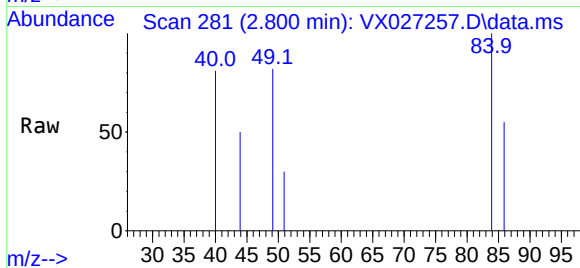
Ion Ratio Lower Upper

84 100

49 82.0 101.5 152.3#

51 30.2 31.2 46.8#

86 54.6 51.3 76.9



#25

2-Butanone

Concen: 0.481 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.024 min

Lab File: VX027257.D

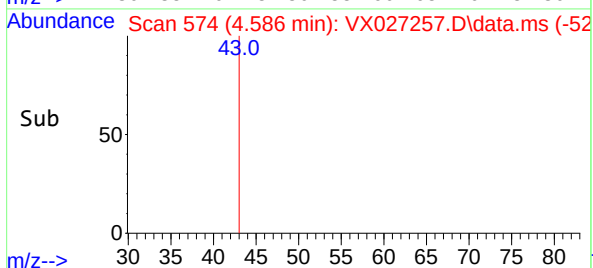
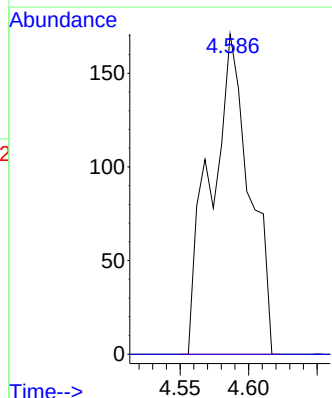
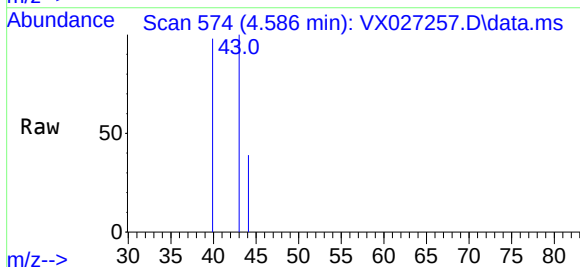
Acq: 01 Mar 2022 18:37

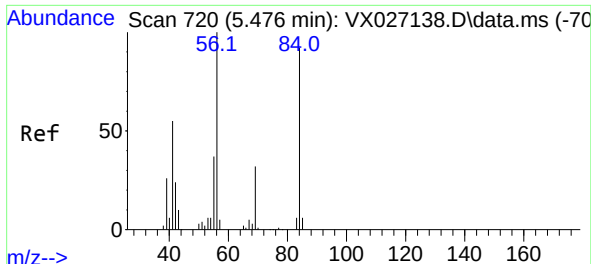
Tgt Ion: 43 Resp: 338

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#

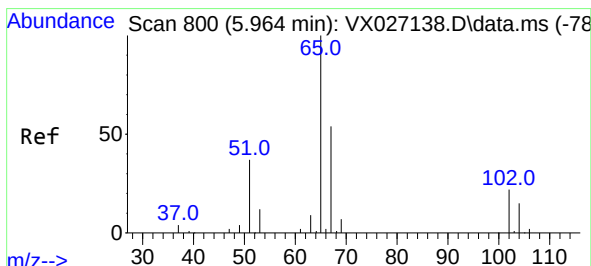
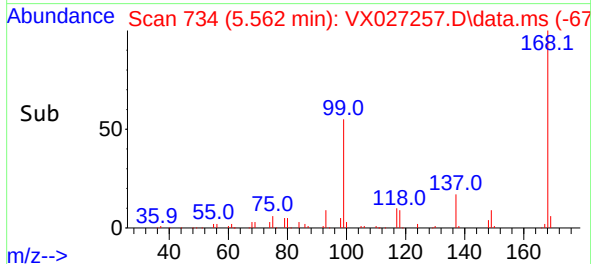
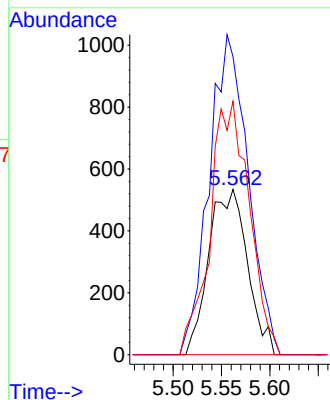
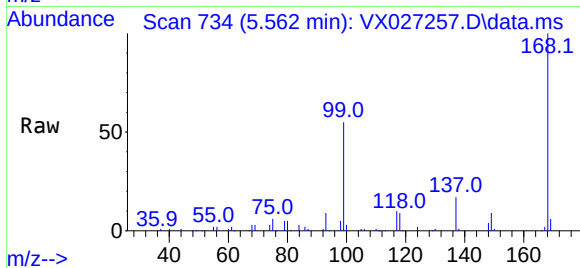




#31  
Cyclohexane  
Concen: 0.985 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.086 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

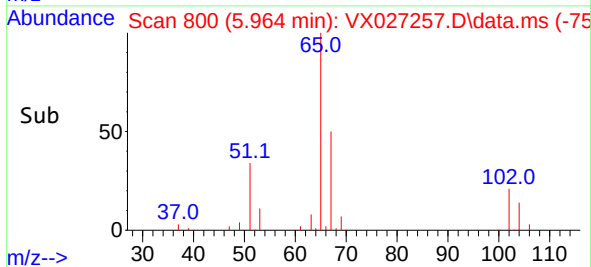
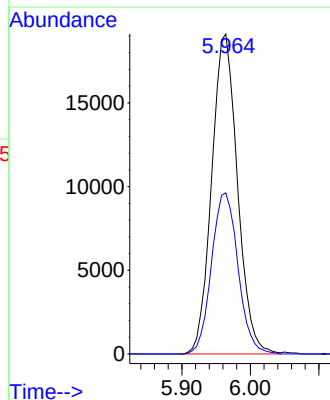
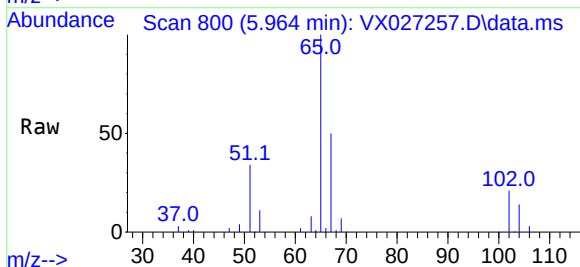
Instrument :  
MSVOA\_X  
ClientSampleId :  
HP-2-30

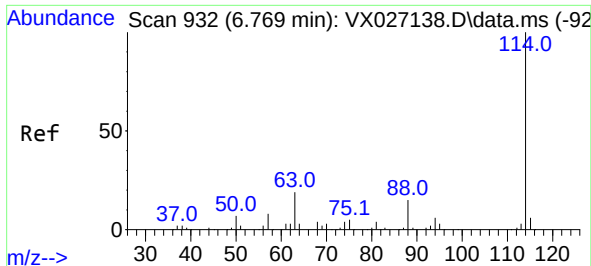
Tgt Ion: 56 Resp: 1483  
Ion Ratio Lower Upper  
56 100  
69 180.3 25.8 38.6#  
84 153.4 68.9 103.3#



#33  
1,2-Dichloroethane-d4  
Concen: 49.688 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

Tgt Ion: 65 Resp: 49957  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 100.8

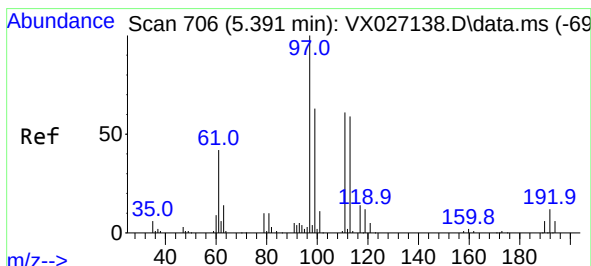
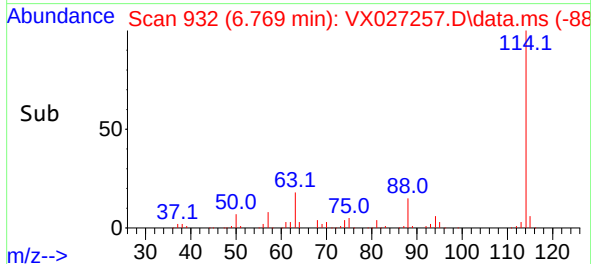
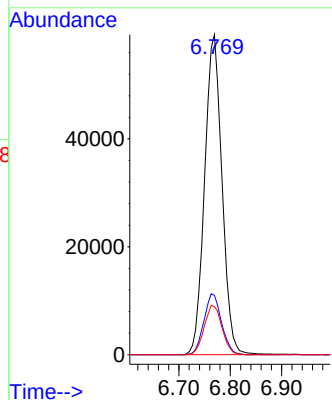
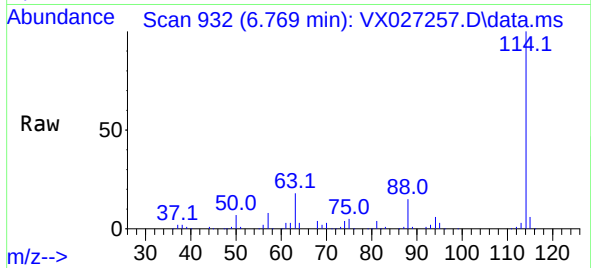




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

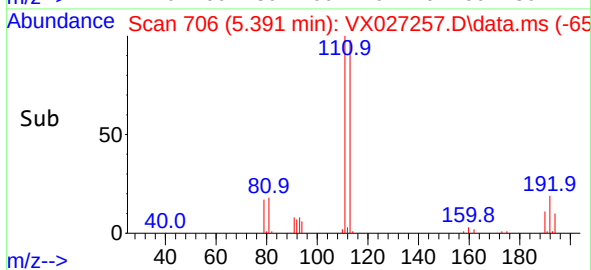
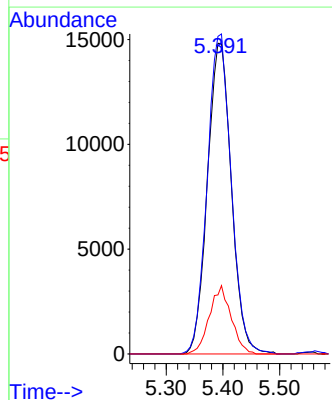
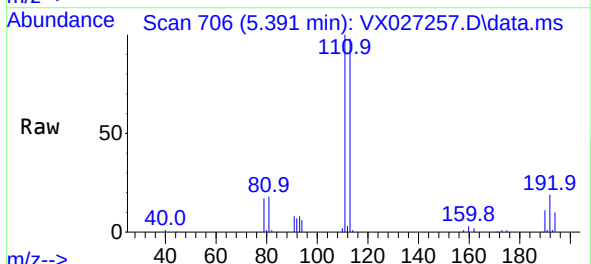
Instrument :  
MSVOA\_X  
ClientSampleId :  
HP-2-30

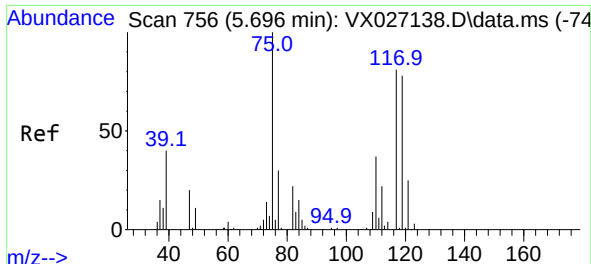
Tgt Ion:114 Resp: 139438  
Ion Ratio Lower Upper  
114 100  
63 18.5 0.0 42.8  
88 15.0 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 50.219 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

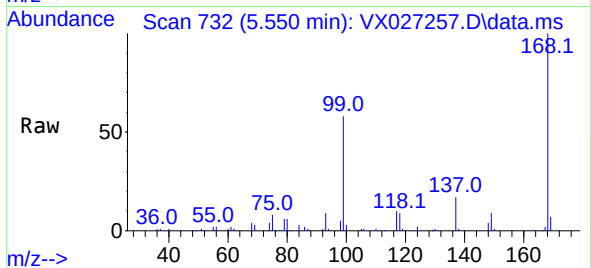
Tgt Ion:113 Resp: 43465  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.2 121.8  
192 20.0 15.0 22.4



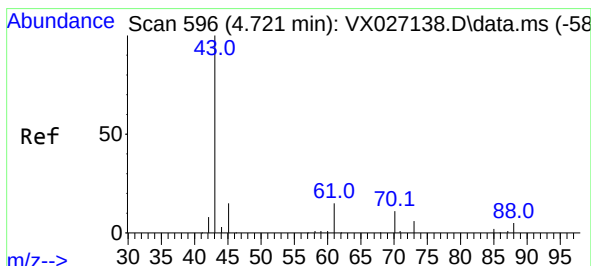
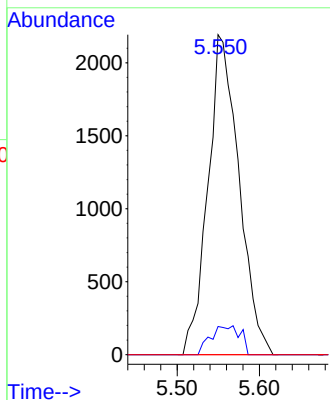
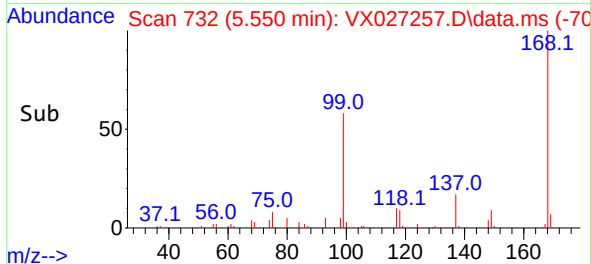


#36  
1,1-Dichloropropene  
Concen: 4.557 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.146 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

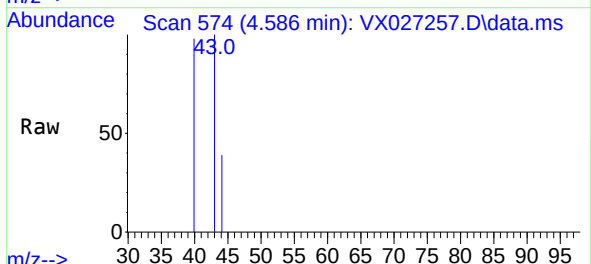
Instrument :  
MSVOA\_X  
ClientSampleId :  
HP-2-30



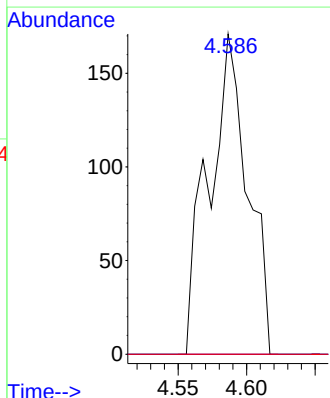
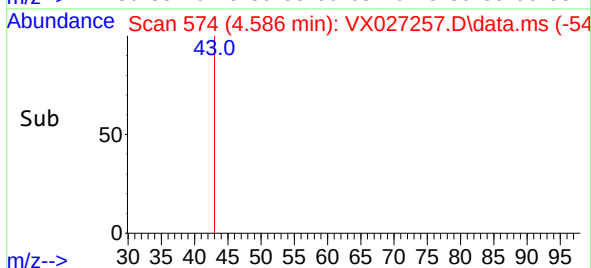
Tgt Ion: 75 Resp: 5756  
Ion Ratio Lower Upper  
75 100  
110 8.6 17.2 51.6#  
77 0.0 24.6 36.8#



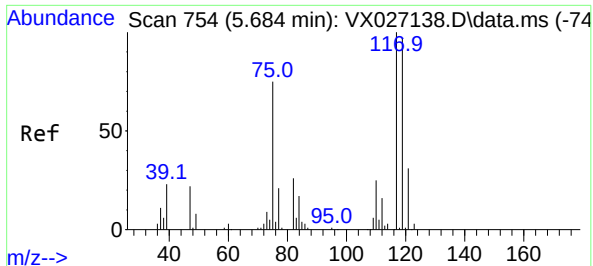
#37  
Ethyl Acetate  
Concen: 0.244 ug/l  
RT: 4.586 min Scan# 574  
Delta R.T. -0.135 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37



Tgt Ion: 43 Resp: 338  
Ion Ratio Lower Upper  
43 100  
61 0.0 10.6 16.0#  
70 0.0 8.5 12.7#

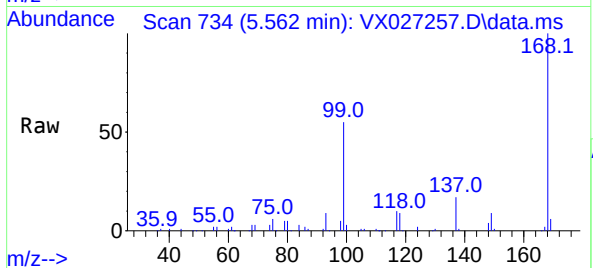




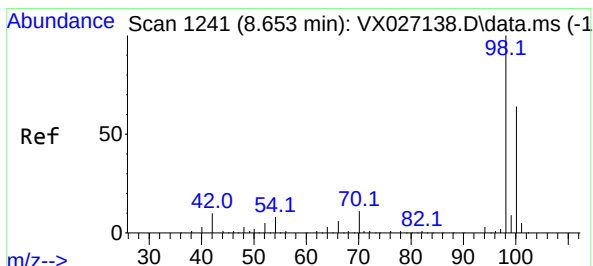
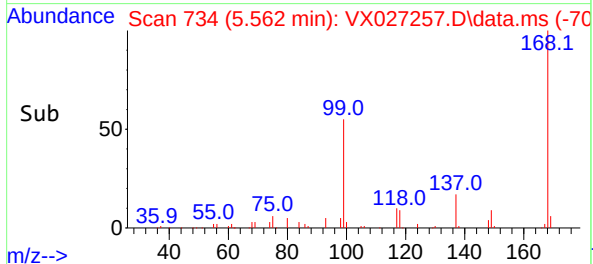
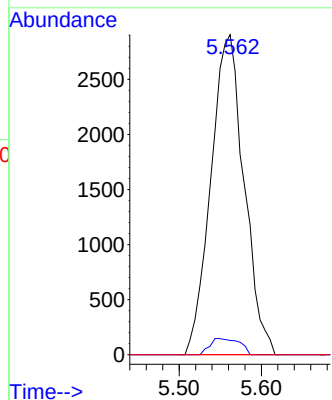


#38  
Carbon Tetrachloride  
Concen: 6.192 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
HP-2-30

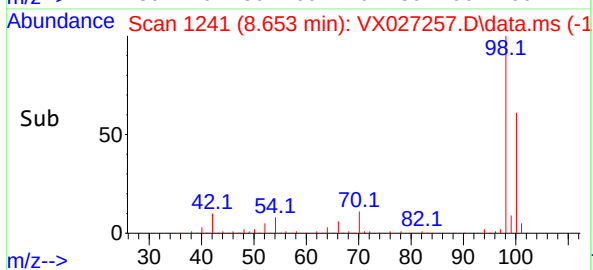
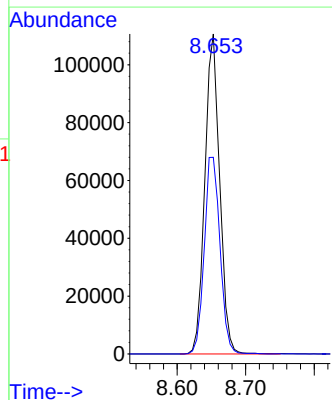
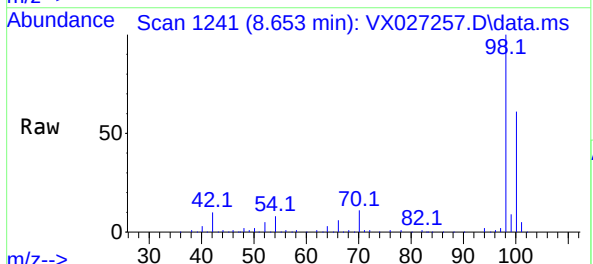


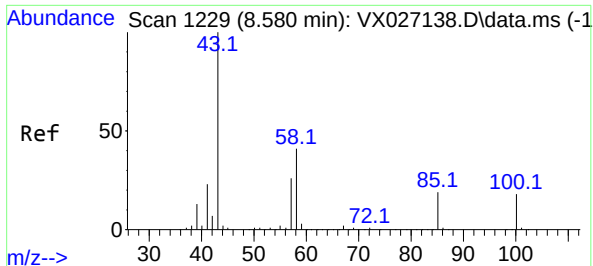
Tgt Ion:117 Resp: 8157  
Ion Ratio Lower Upper  
117 100  
119 4.4 74.7 112.1#  
121 0.0 25.4 38.0#



#50  
Toluene-d8  
Concen: 51.549 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

Tgt Ion: 98 Resp: 166827  
Ion Ratio Lower Upper  
98 100  
100 65.2 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.403 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027257.D

Acq: 01 Mar 2022 18:37

Instrument :

MSVOA\_X

ClientSampleId :

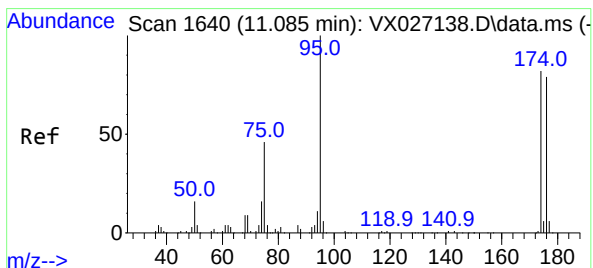
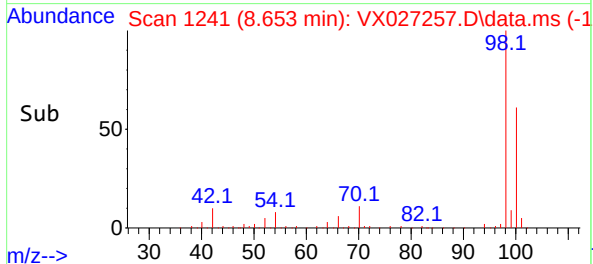
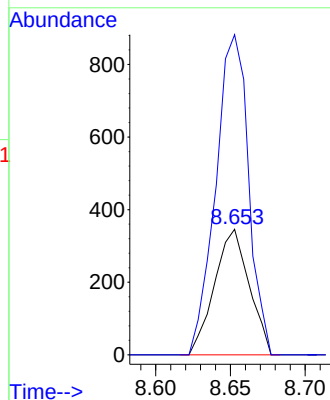
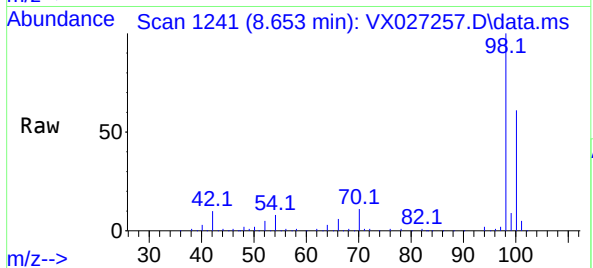
HP-2-30

Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

58 241.0 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 49.122 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027257.D

Acq: 01 Mar 2022 18:37

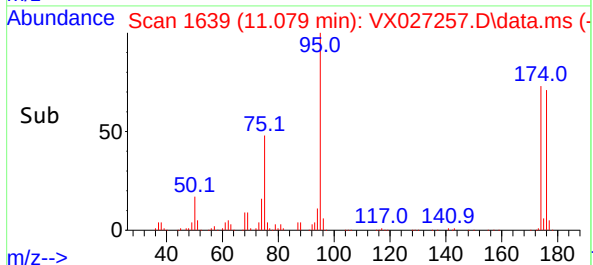
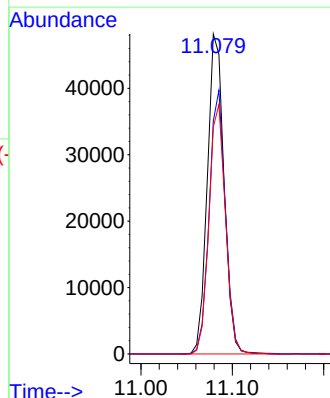
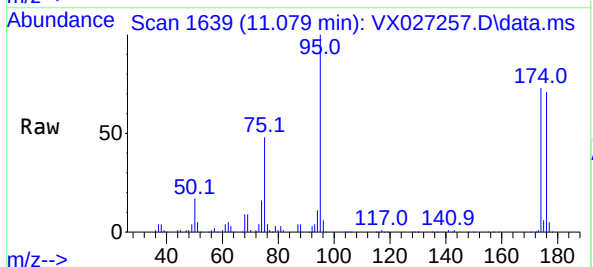
Tgt Ion: 95 Resp: 61022

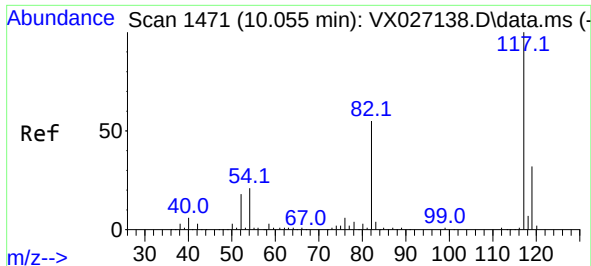
Ion Ratio Lower Upper

95 100

174 80.3 0.0 148.6

176 76.8 0.0 141.4

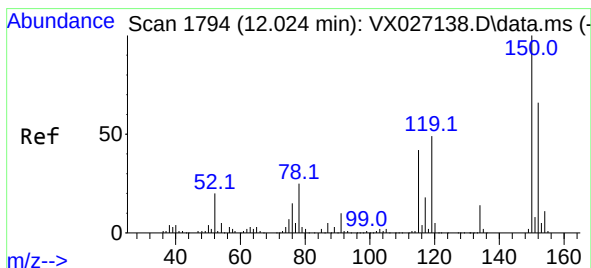
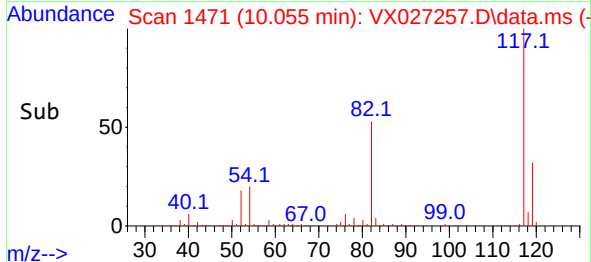
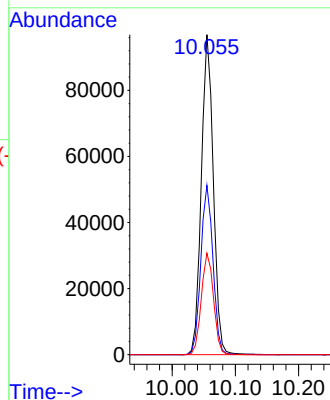
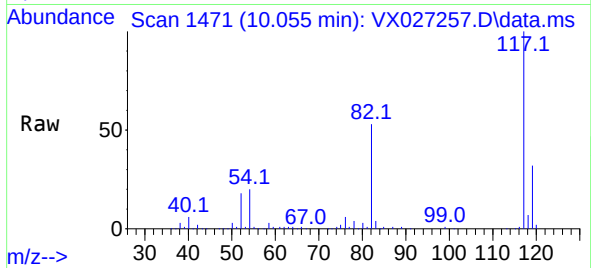




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

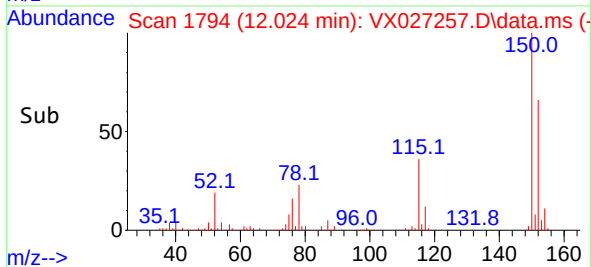
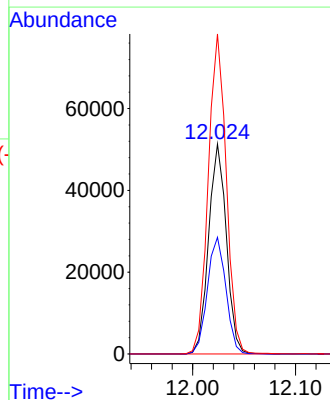
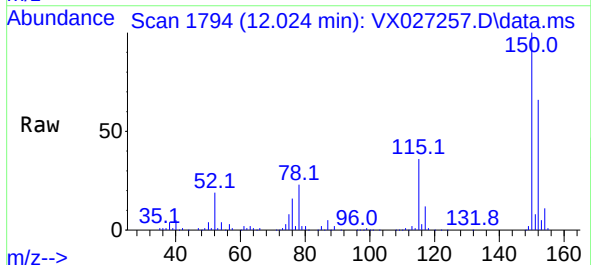
Instrument :  
MSVOA\_X  
ClientSampleId :  
HP-2-30

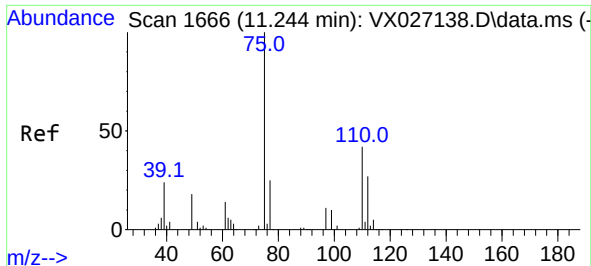
Tgt Ion:117 Resp: 128050  
Ion Ratio Lower Upper  
117 100  
82 52.9 45.2 67.8  
119 31.7 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

Tgt Ion:152 Resp: 61679  
Ion Ratio Lower Upper  
152 100  
115 57.9 44.2 132.6  
150 154.3 0.0 348.2

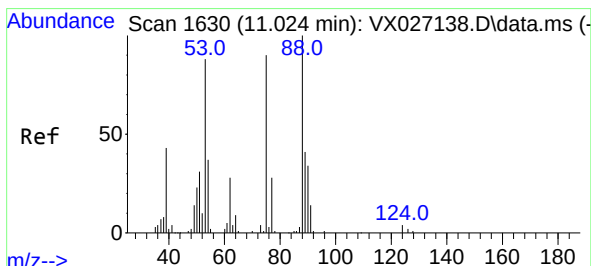
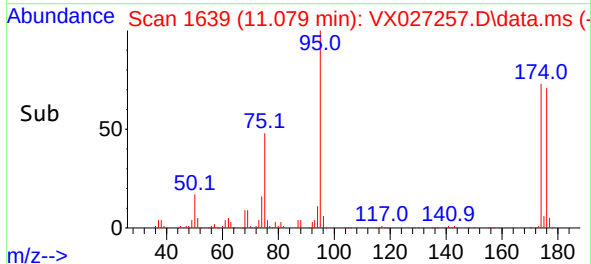
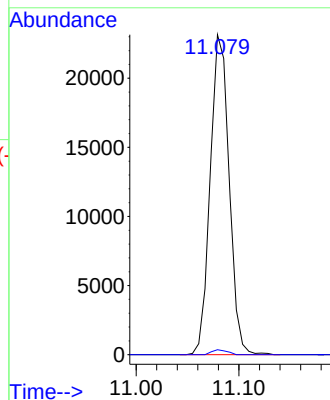
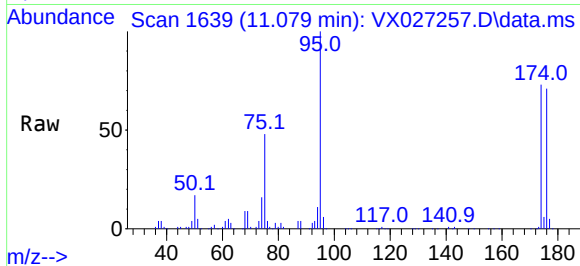




#76  
1,2,3-Trichloropropane  
Concen: 23.798 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
HP-2-30

Tgt Ion: 75 Resp: 29566  
Ion Ratio Lower Upper  
75 100  
77 1.3 18.3 54.8#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 67.641 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.055 min  
Lab File: VX027257.D  
Acq: 01 Mar 2022 18:37

Tgt Ion: 75 Resp: 29566  
Ion Ratio Lower Upper  
75 100  
53 0.0 94.0 141.0#  
89 0.0 37.0 55.4#

