

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY010622\  
 Data File : VY007030.D  
 Acq On : 06 Jan 2022 14:19  
 Operator : SY/MD  
 Sample : N1047-01  
 Misc : 6.17g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 07 11:47:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010522S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 06 04:51:57 2022  
 Response via : Initial Calibration

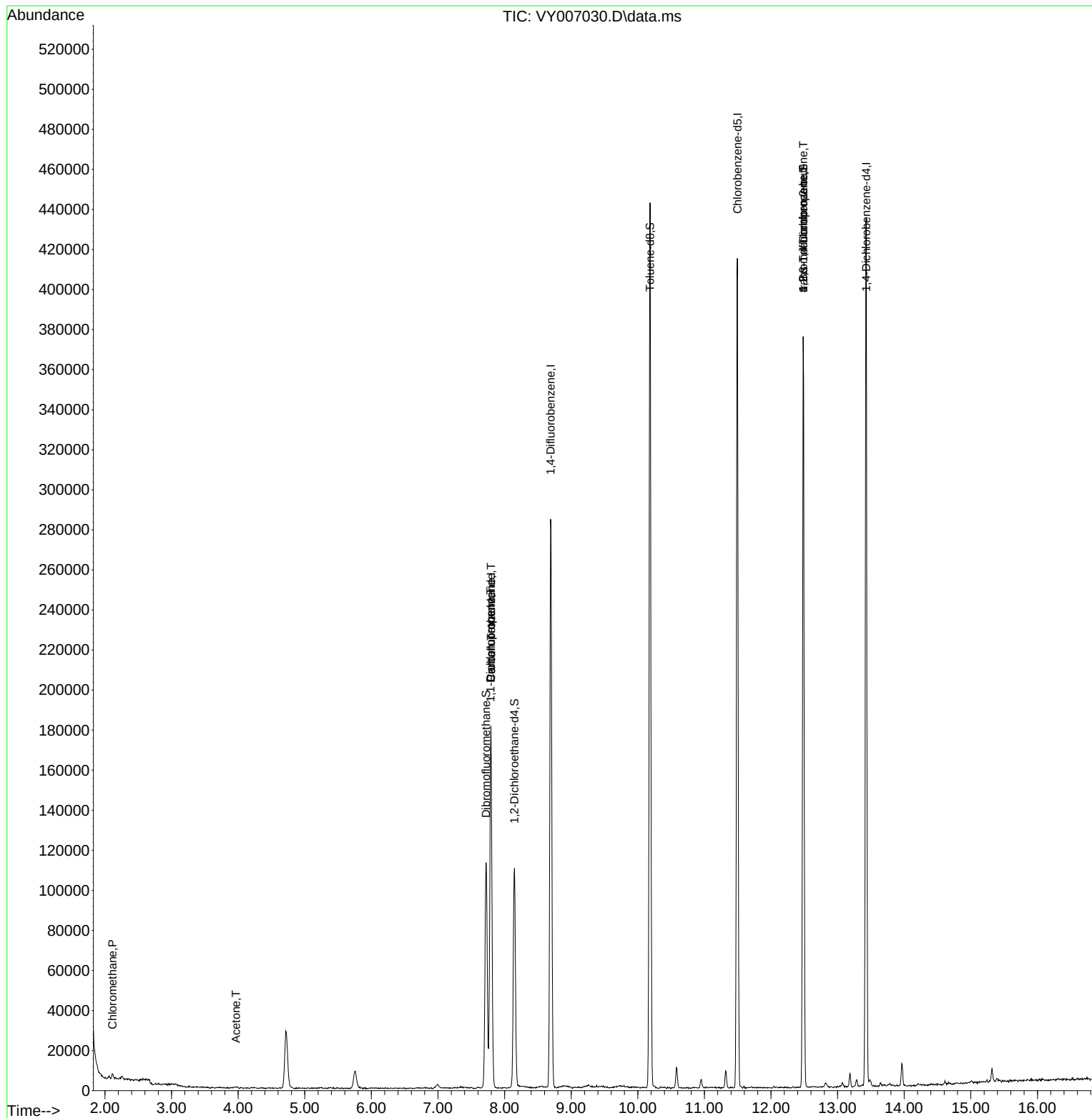
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.795  | 168   | 134477   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.691  | 114   | 250742   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.495 | 117   | 230859   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428 | 152   | 107691   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.149  | 65    | 87461    | 55.097    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | = 110.200% |          |
| 35) Dibromofluoromethane      | 7.722  | 113   | 82947    | 50.325    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | = 100.640% |          |
| 50) Toluene-d8                | 10.185 | 98    | 296654   | 48.442    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery  | = 96.880%  |          |
| 62) 4-Bromofluorobenzene      | 12.483 | 95    | 115479   | 50.070    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery  | = 100.140% |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 3) Chloromethane              | 2.113  | 50    | 2184     | 2.328     | ug/l       | 96       |
| 16) Acetone                   | 3.966  | 43    | 1367     | 3.909     | ug/l       | 90       |
| 20) Methylene Chloride        | 4.716  | 84    | 23167    | Below Cal |            | 98       |
| 36) 1,1-Dichloropropene       | 7.789  | 75    | 10657    | 3.879     | ug/l #     | 48       |
| 38) Carbon Tetrachloride      | 7.795  | 117   | 14462    | 5.033     | ug/l #     | 15       |
| 76) 1,2,3-Trichloropropane    | 12.483 | 75    | 58542    | 43.157    | ug/l #     | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75    | 58542    | 78.824    | ug/l #     | 4        |
| -----                         |        |       |          |           |            |          |

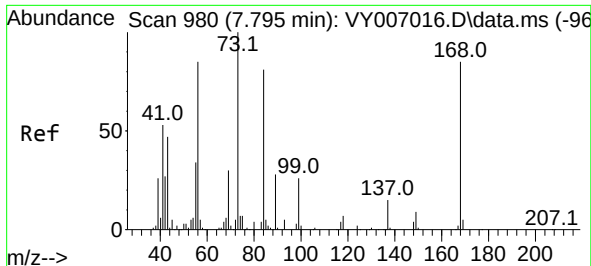
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY010622\  
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Sample : N1047-01  
Misc : 6.17g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jan 07 11:47:38 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010522S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 06 04:51:57 2022  
Response via : Initial Calibration

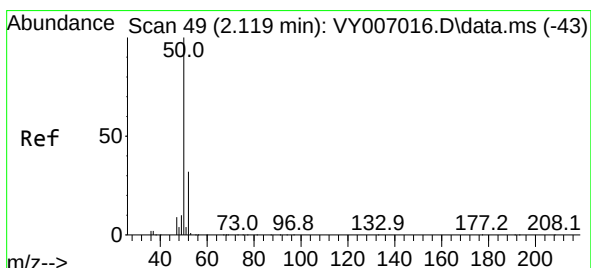
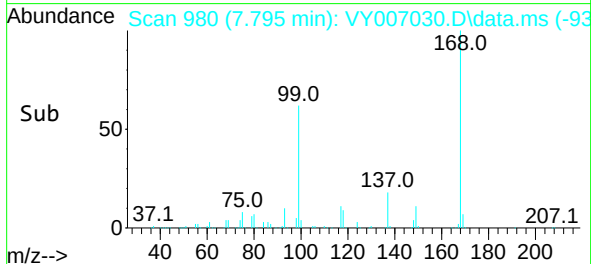
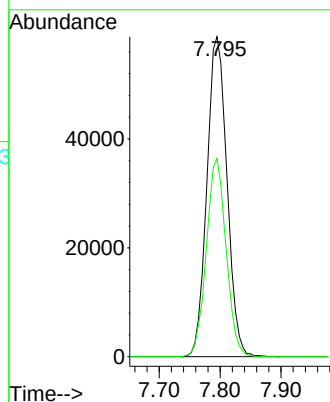
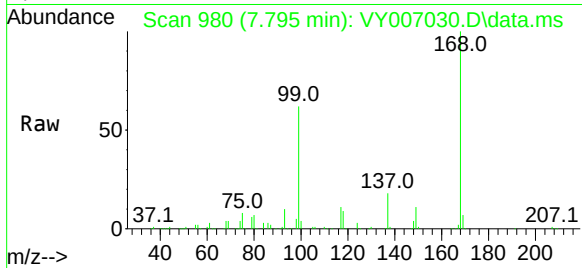




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007030.D  
Acq: 06 Jan 2022 14:19

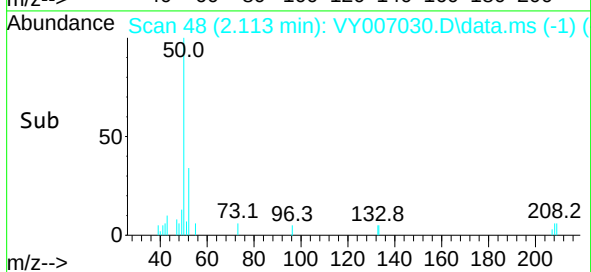
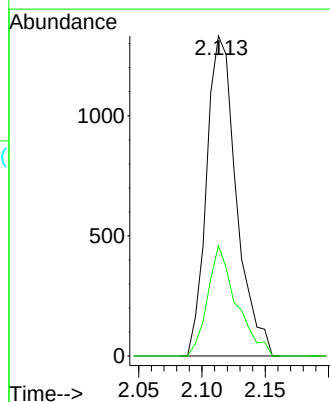
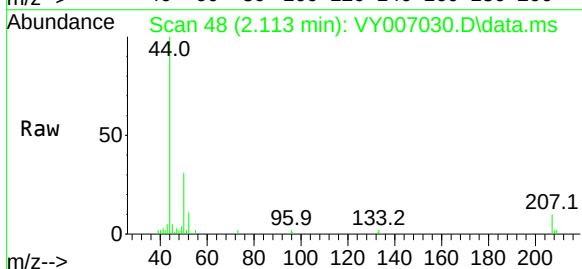
Instrument :  
MSVOA\_Y  
ClientSampleId :

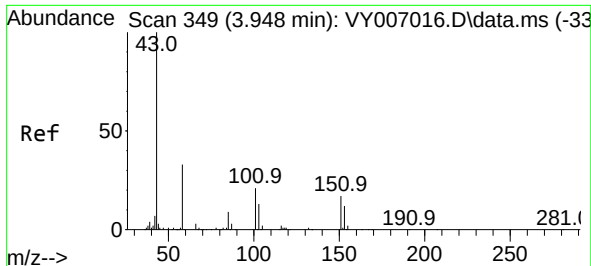
Tgt Ion:168 Resp: 134477  
Ion Ratio Lower Upper  
168 100  
99 61.9 48.9 73.3



#3  
Chloromethane  
Concen: 2.328 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. -0.006 min  
Lab File: VY007030.D  
Acq: 06 Jan 2022 14:19

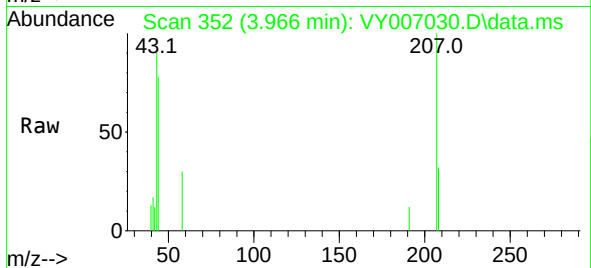
Tgt Ion: 50 Resp: 2184  
Ion Ratio Lower Upper  
50 100  
52 34.5 25.8 38.8



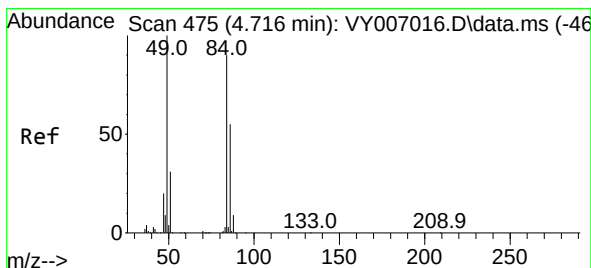
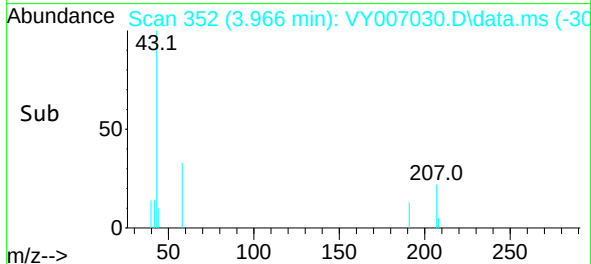
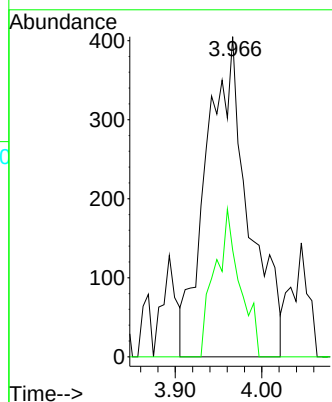


#16  
Acetone  
Concen: 3.909 ug/l  
RT: 3.966 min Scan# 31  
Delta R.T. 0.018 min  
Lab File: VY007030.D  
Acq: 06 Jan 2022 14:19

Instrument :  
MSVOA\_Y  
ClientSampleId :

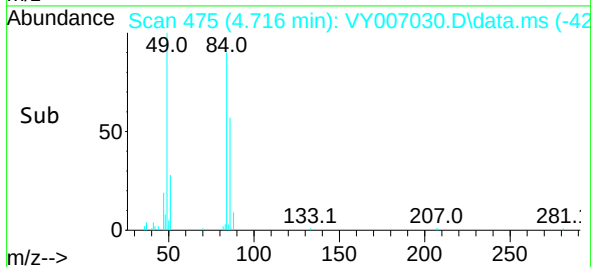
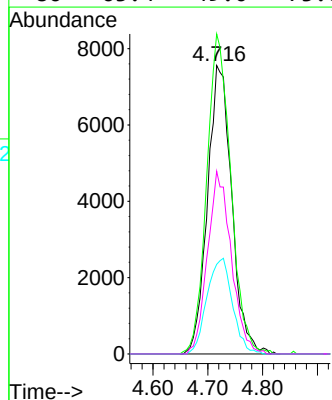
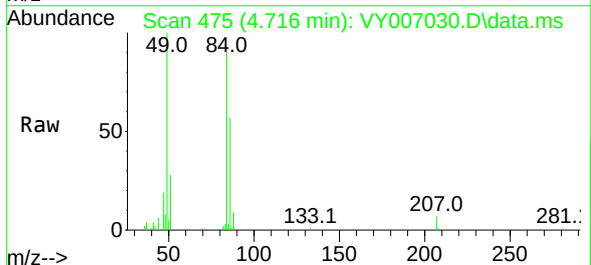


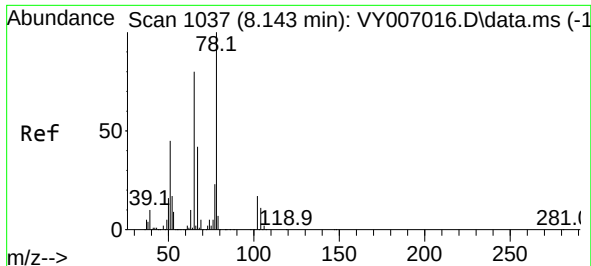
Tgt Ion: 43 Resp: 1367  
Ion Ratio Lower Upper  
43 100  
58 38.4 26.3 39.5



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.716 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY007030.D  
Acq: 06 Jan 2022 14:19

Tgt Ion: 84 Resp: 23167  
Ion Ratio Lower Upper  
84 100  
49 110.9 89.4 134.0  
51 31.1 27.7 41.5  
86 63.4 49.0 73.6





#33

1,2-Dichloroethane-d4

Concen: 55.097 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007030.D

Acq: 06 Jan 2022 14:19

Instrument :

MSVOA\_Y

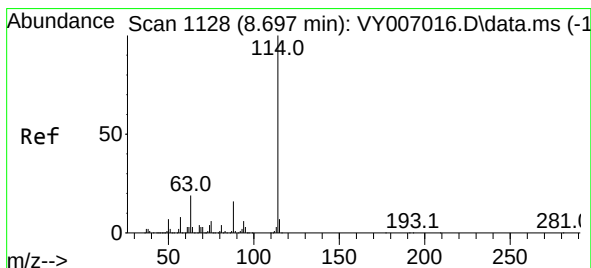
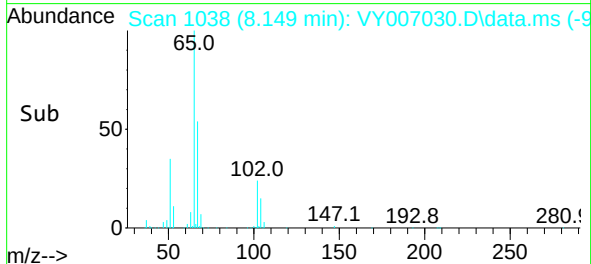
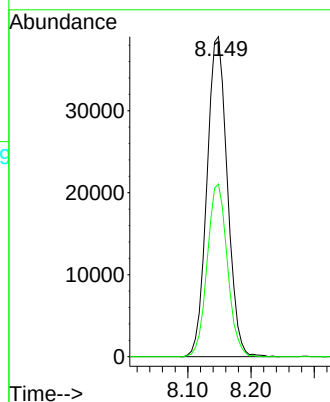
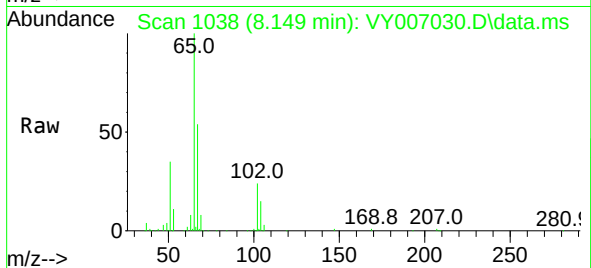
ClientSampleId :

Tgt Ion: 65 Resp: 87461

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007030.D

Acq: 06 Jan 2022 14:19

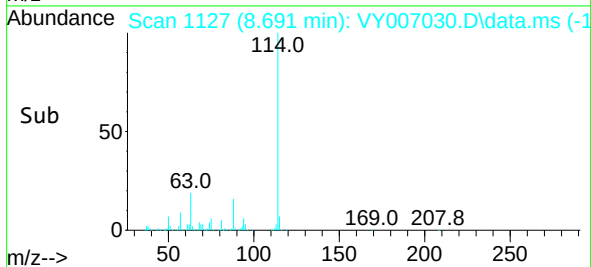
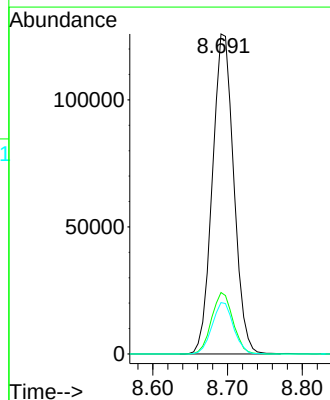
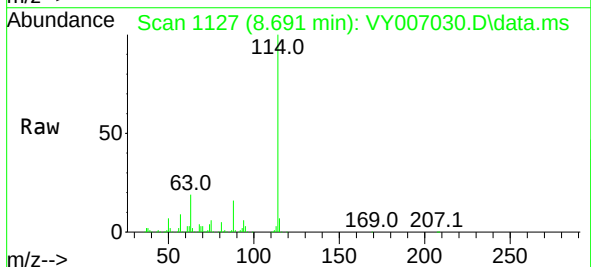
Tgt Ion: 114 Resp: 250742

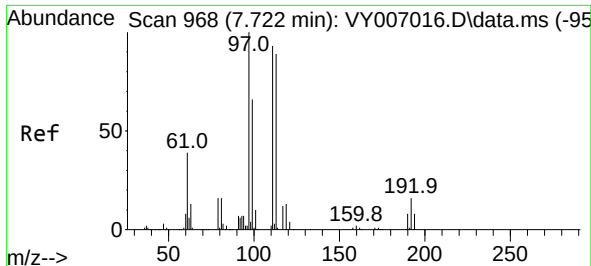
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 16.1 0.0 31.8

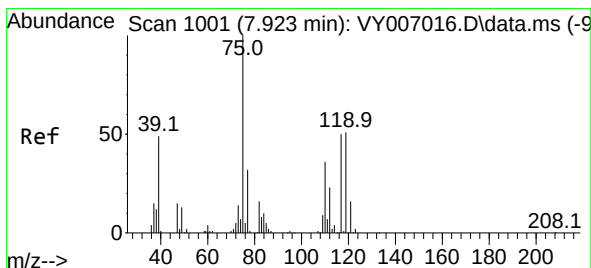
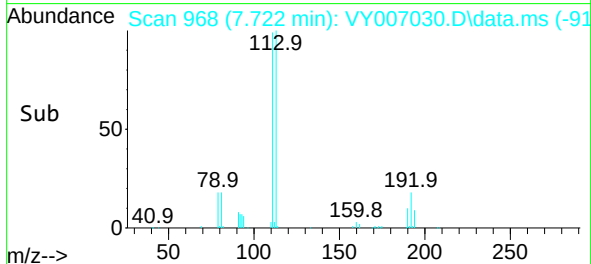
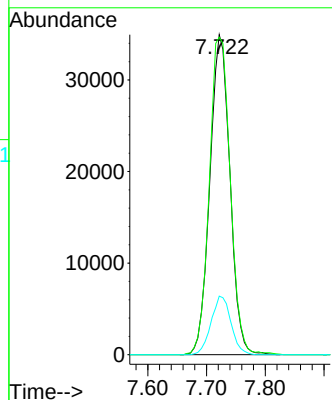
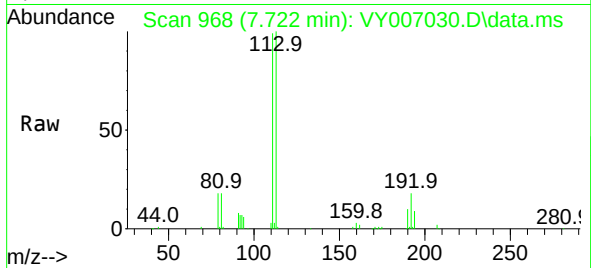




#35  
Dibromofluoromethane  
Concen: 50.325 ug/l  
RT: 7.722 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY007030.D  
Acq: 06 Jan 2022 14:19

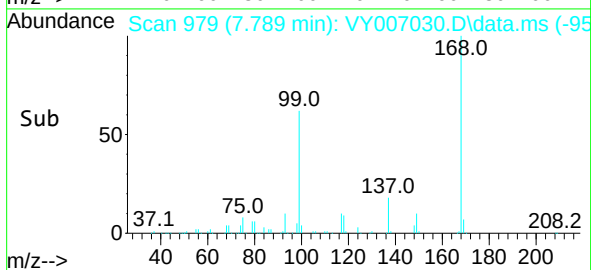
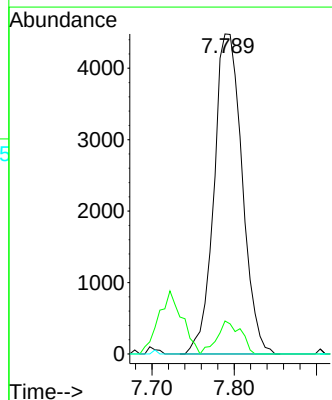
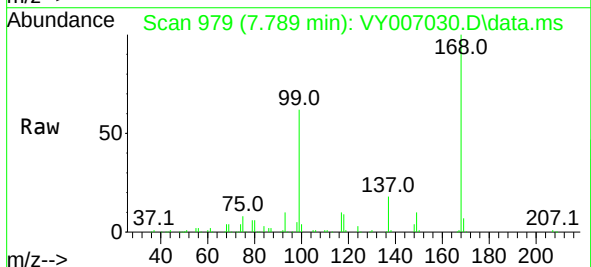
Instrument :  
MSVOA\_Y  
ClientSampleId :

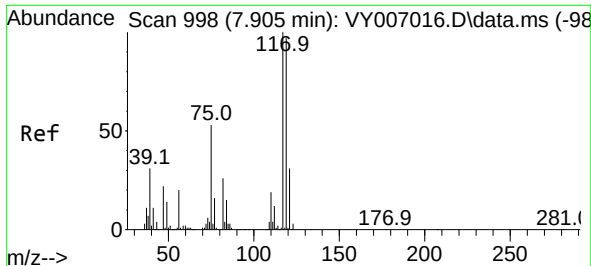
Tgt Ion:113 Resp: 82947  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.9 122.9  
192 18.1 14.6 21.8



#36  
1,1-Dichloropropene  
Concen: 3.879 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.134 min  
Lab File: VY007030.D  
Acq: 06 Jan 2022 14:19

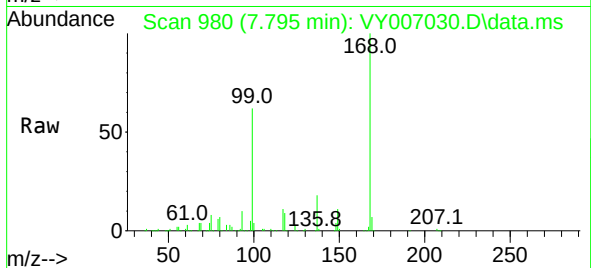
Tgt Ion: 75 Resp: 10657  
Ion Ratio Lower Upper  
75 100  
110 8.7 18.0 54.0#  
77 0.0 25.4 38.2#



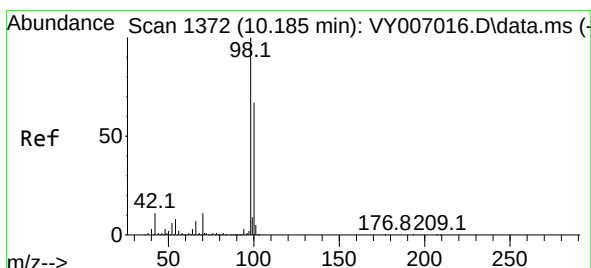
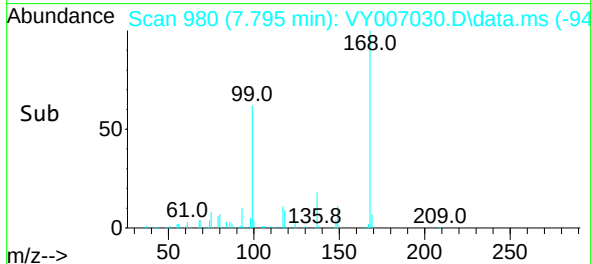
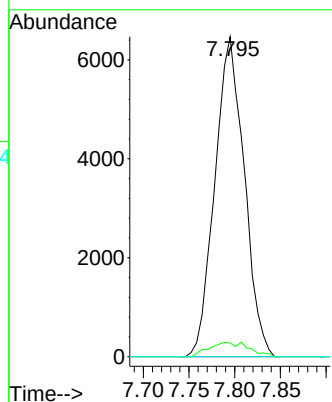


#38  
Carbon Tetrachloride  
Concen: 5.033 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.110 min  
Lab File: VY007030.D  
Acq: 06 Jan 2022 14:19

Instrument :  
MSVOA\_Y  
ClientSampleId :

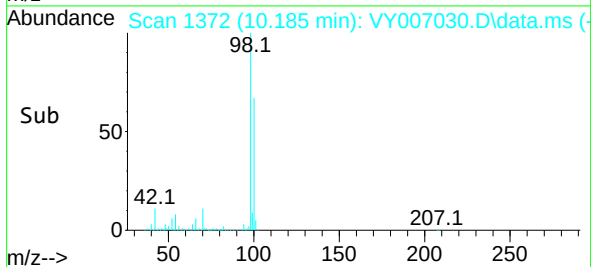
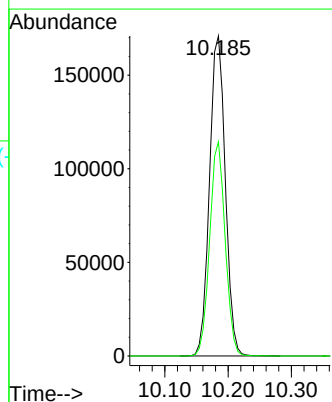
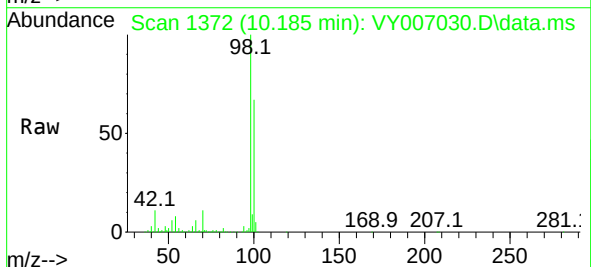


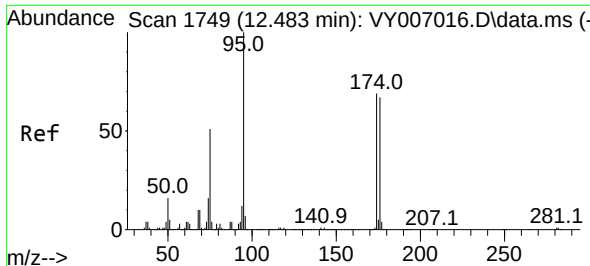
Tgt Ion:117 Resp: 14462  
Ion Ratio Lower Upper  
117 100  
119 4.3 77.7 116.5#  
121 0.0 24.4 36.6#



#50  
Toluene-d8  
Concen: 48.442 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY007030.D  
Acq: 06 Jan 2022 14:19

Tgt Ion: 98 Resp: 296654  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.8 79.2

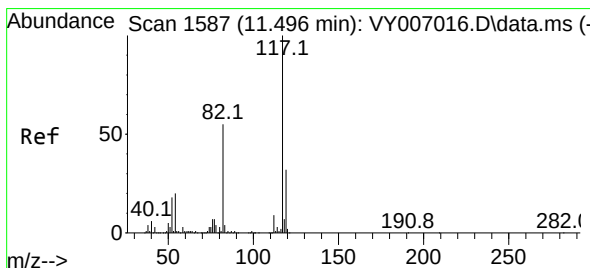
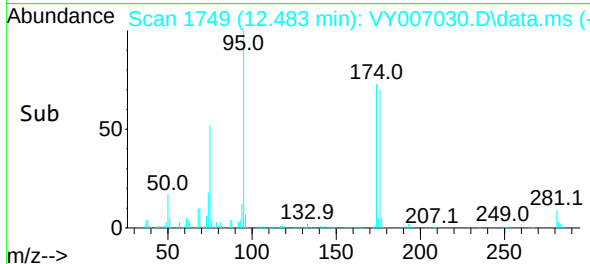
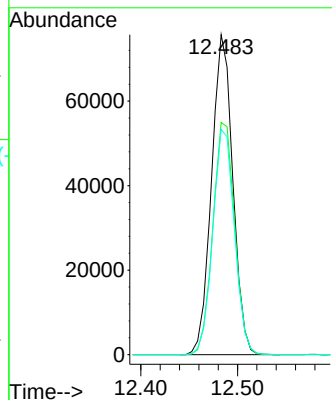
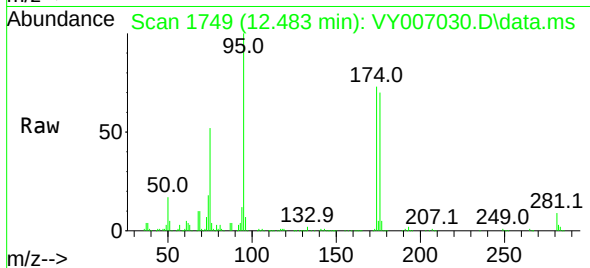




#62  
4-Bromofluorobenzene  
Concen: 50.070 ug/l  
RT: 12.483 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007030.D  
Acq: 06 Jan 2022 14:19

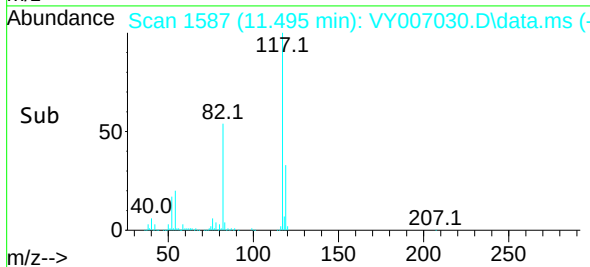
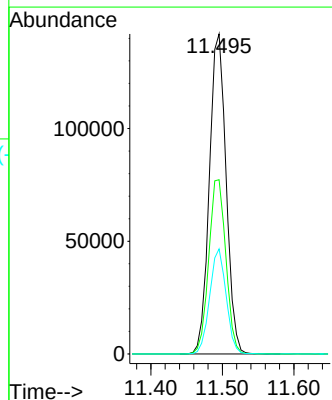
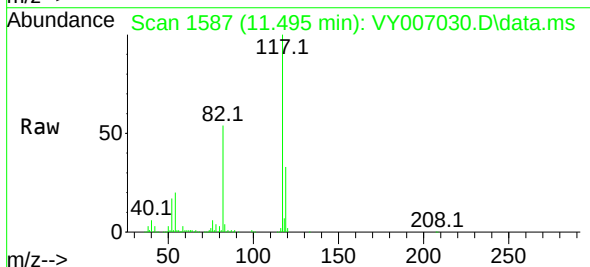
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 95 Resp: 115479  
Ion Ratio Lower Upper  
95 100  
174 74.7 0.0 144.6  
176 71.6 0.0 141.0

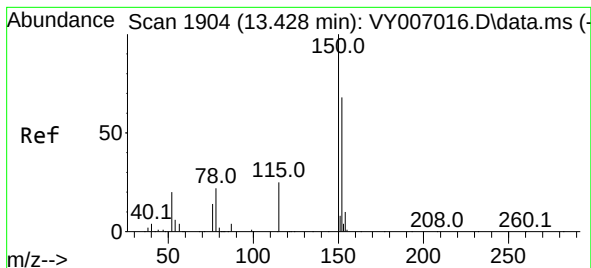


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY007030.D  
Acq: 06 Jan 2022 14:19

Tgt Ion: 117 Resp: 230859  
Ion Ratio Lower Upper  
117 100  
82 54.4 44.1 66.1  
119 32.8 25.3 37.9







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY007030.D

Acq: 06 Jan 2022 14:19

Instrument :

MSVOA\_Y

ClientSampleId :

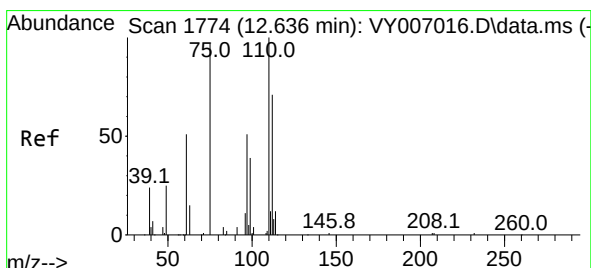
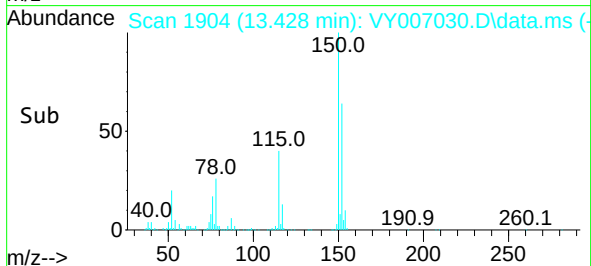
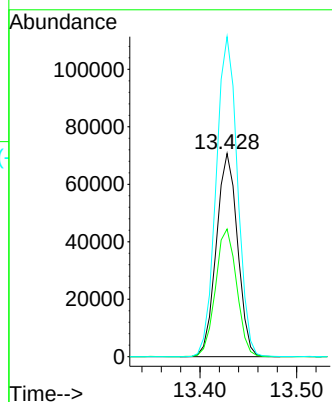
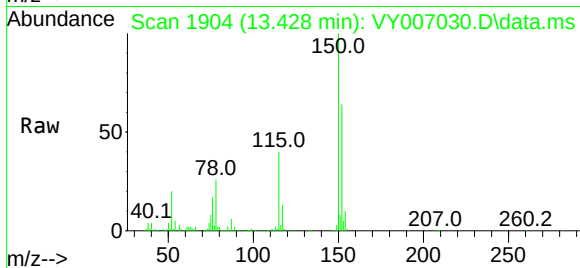
Tgt Ion:152 Resp: 107691

Ion Ratio Lower Upper

152 100

115 62.9 31.9 95.5

150 158.6 0.0 358.0



#76

1,2,3-Trichloropropane

Concen: 43.157 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY007030.D

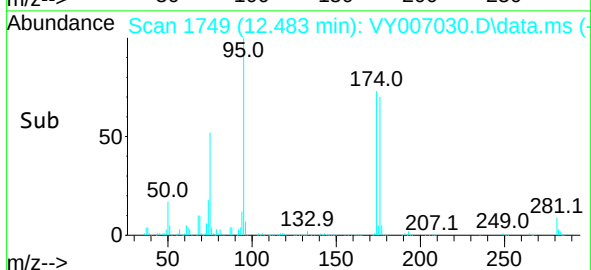
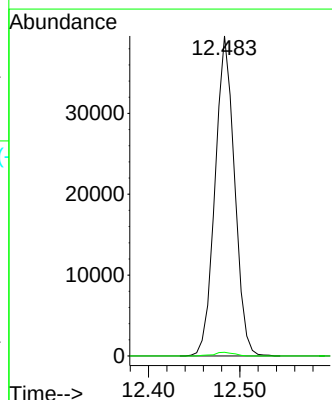
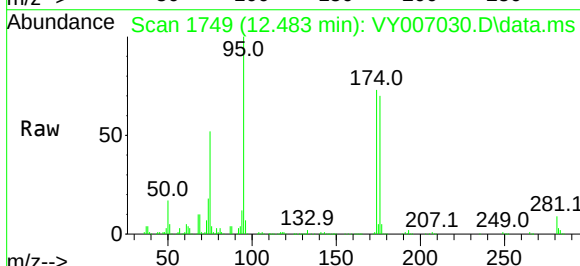
Acq: 06 Jan 2022 14:19

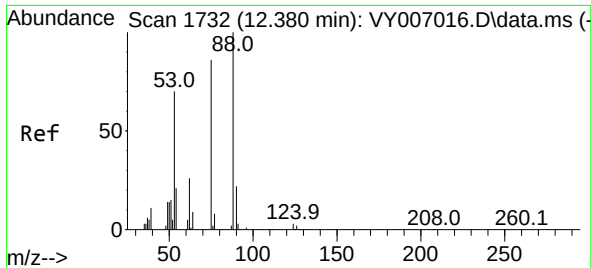
Tgt Ion: 75 Resp: 58542

Ion Ratio Lower Upper

75 100

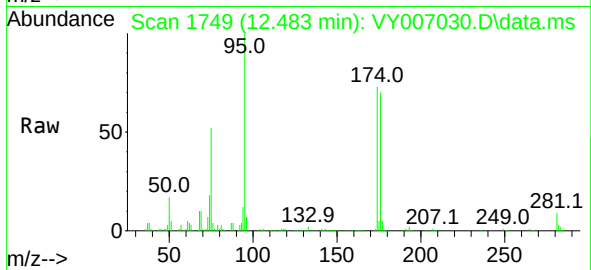
77 1.2 0.0 0.0#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 78.824 ug/l  
 RT: 12.483 min Scan# 11  
 Delta R.T. 0.104 min  
 Lab File: VY007030.D  
 Acq: 06 Jan 2022 14:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 75 Resp: 58542  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 72.2 108.4#  
 89 0.4 0.0 0.0#

