

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111621\  
 Data File : VY006767.D  
 Acq On : 16 Nov 2021 17:24  
 Operator : SY/MD  
 Sample : M4654-05RE  
 Misc : 5.80G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 PARKINGLOT-TOP-U-SP-1-1

Quant Time: Nov 17 04:08:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111521S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 16 04:20:03 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.801  | 168  | 99464    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 155058   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 145288   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 54916    | 50.000 | ug/l  | 0.00     |

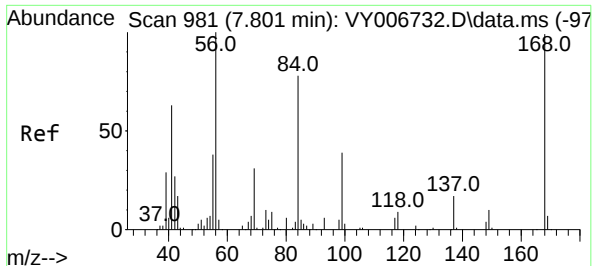
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|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 69670    | 53.445   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 106.880% |
| 35) Dibromofluoromethane    | 7.728  | 113   | 51031    | 53.580   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 107.160% |
| 50) Toluene-d8              | 10.185 | 98    | 201411   | 51.103   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 102.200% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 63458    | 47.760   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 95.520%  |

| Target Compounds              |        |     |       |           | Qvalue |     |
|-------------------------------|--------|-----|-------|-----------|--------|-----|
| 16) Acetone                   | 3.960  | 43  | 6001  | 15.151    | ug/l   | 89  |
| 20) Methylene Chloride        | 4.735  | 84  | 1804  | Below Cal |        | 90  |
| 25) 2-Butanone                | 7.002  | 43  | 334   | 12.054    | ug/l # | 52  |
| 36) 1,1-Dichloropropene       | 7.795  | 75  | 7518  | 4.461     | ug/l # | 50  |
| 38) Carbon Tetrachloride      | 7.801  | 117 | 9602  | 5.570     | ug/l # | 16  |
| 59) 2-Hexanone                | 10.862 | 43  | 25    | 23.844    | ug/l # | 28  |
| 74) N-amyl acetate            | 12.124 | 43  | 540   | 3.489     | ug/l # | 52  |
| 76) 1,2,3-Trichloropropane    | 12.483 | 75  | 37003 | 61.976    | ug/l # | 100 |
| 77) Bromobenzene              | 12.428 | 156 | 1653  | 1.736     | ug/l # | 1   |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75  | 37003 | 122.803   | ug/l # | 7   |

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

Quant Time: Nov 17 04:08:42 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111521S.M  
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QLast Update : Tue Nov 16 04:20:03 2021  
Response via : Initial Calibration

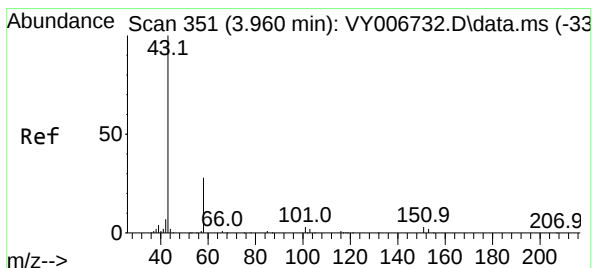
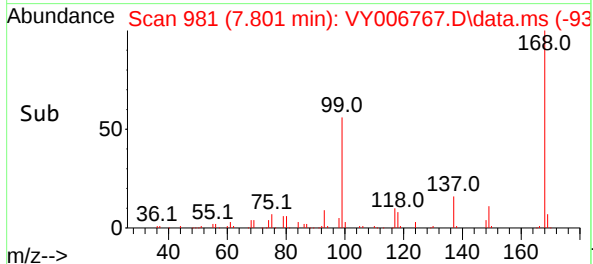
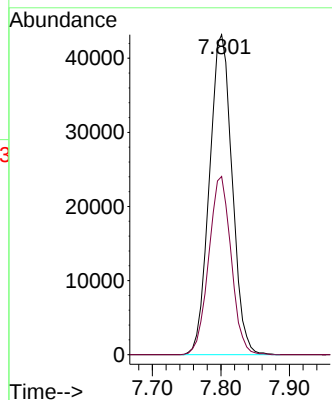
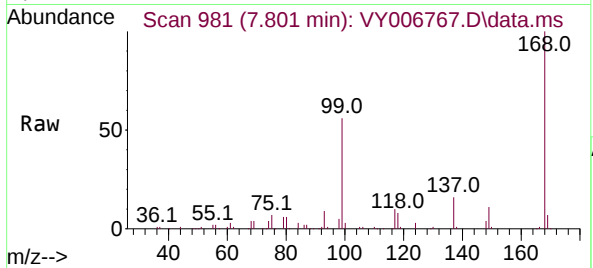




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

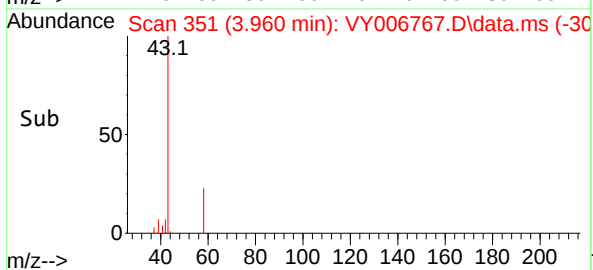
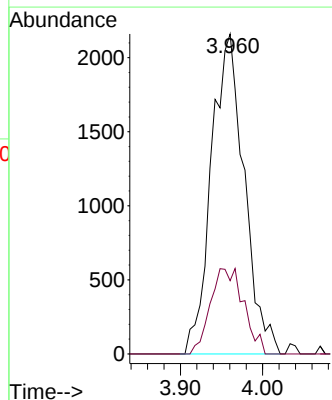
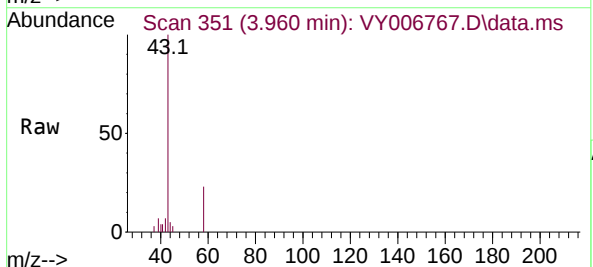
Instrument :  
MSVOA\_Y  
ClientSampleId :  
PARKINGLOT-TOP-U-SP-1-1

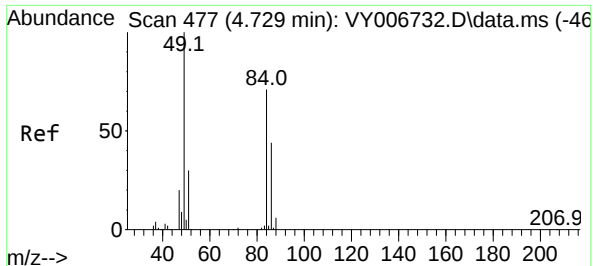
Tgt Ion:168 Resp: 99464  
Ion Ratio Lower Upper  
168 100  
99 55.7 44.8 67.2



#16  
Acetone  
Concen: 15.151 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

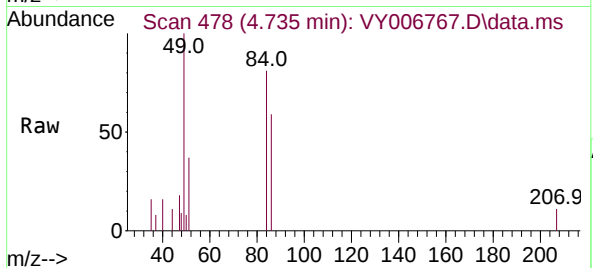
Tgt Ion: 43 Resp: 6001  
Ion Ratio Lower Upper  
43 100  
58 22.9 22.9 34.3



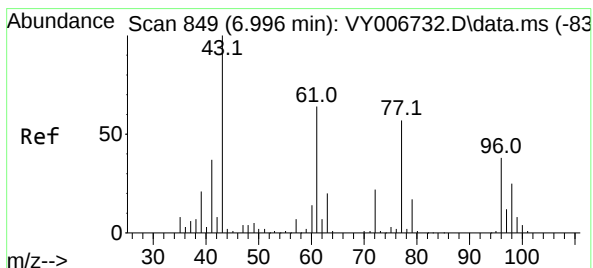
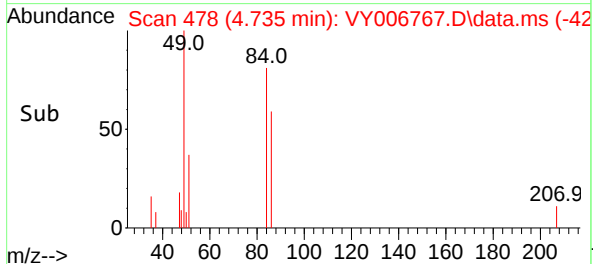
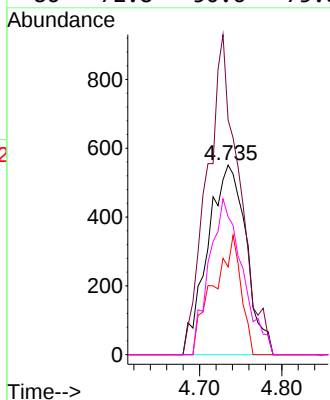


#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.735 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
PARKINGLOT-TOP-U-SP-1-1

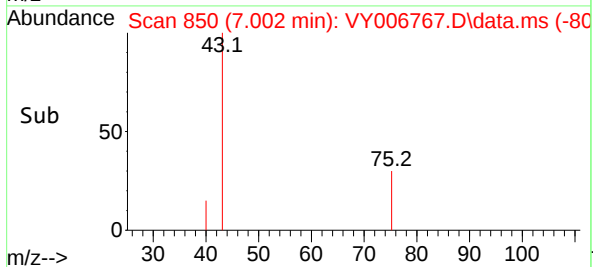
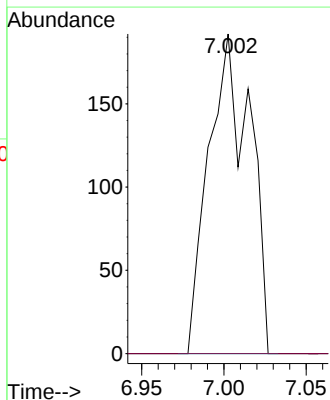
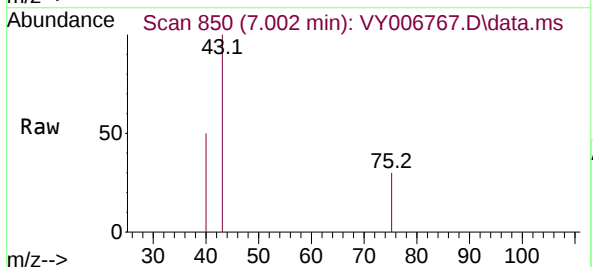


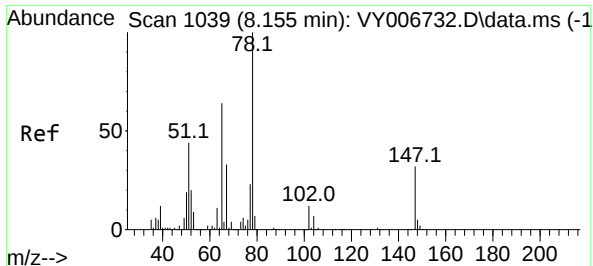
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1804  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 123.8 | 107.8 | 161.8 |
| 51       | 46.3  | 32.8  | 49.2  |
| 86       | 72.8  | 50.6  | 75.8  |



#25  
2-Butanone  
Concen: 12.054 ug/l  
RT: 7.002 min Scan# 850  
Delta R.T. 0.006 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 334   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 0.0   | 18.9  | 28.3# |





#33

1,2-Dichloroethane-d4

Concen: 53.445 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006767.D

Acq: 16 Nov 2021 17:24

Instrument :

MSVOA\_Y

ClientSampleId :

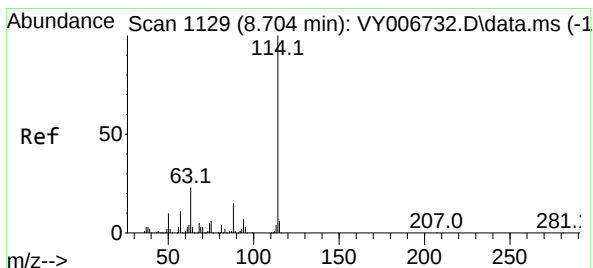
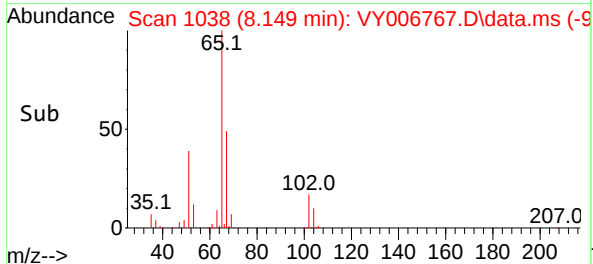
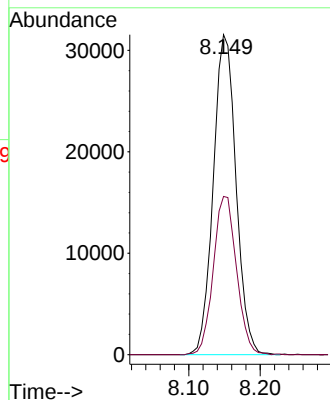
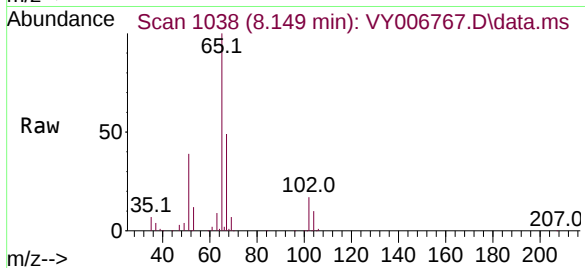
PARKINGLOT-TOP-U-SP-1-1

Tgt Ion: 65 Resp: 69670

Ion Ratio Lower Upper

65 100

67 50.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006767.D

Acq: 16 Nov 2021 17:24

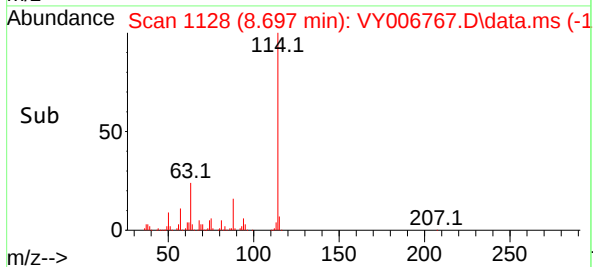
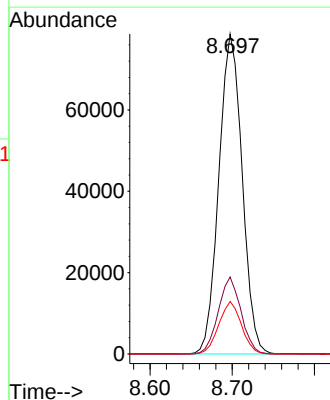
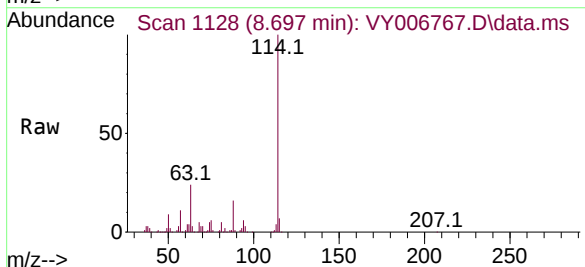
Tgt Ion:114 Resp: 155058

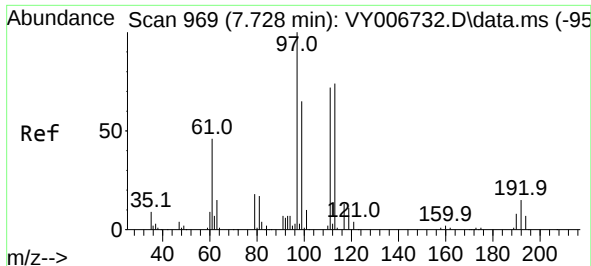
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 16.4 0.0 30.6

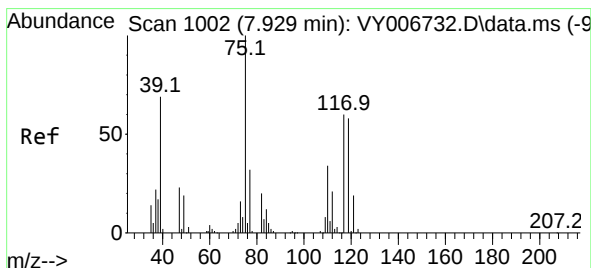
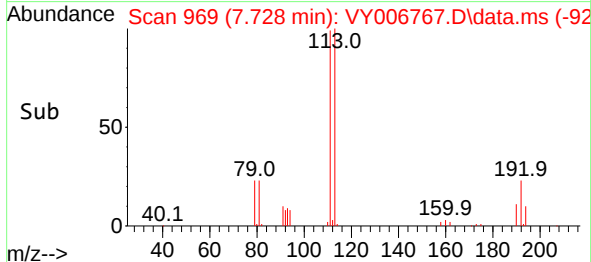
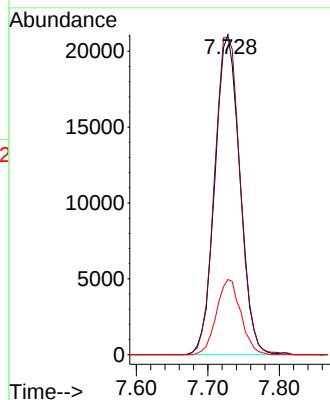
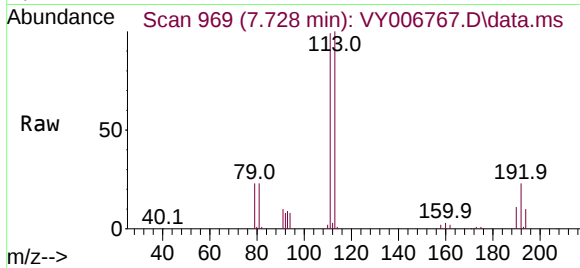




#35  
Dibromofluoromethane  
Concen: 53.580 ug/l  
RT: 7.728 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

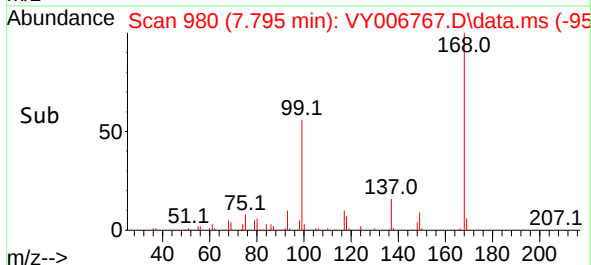
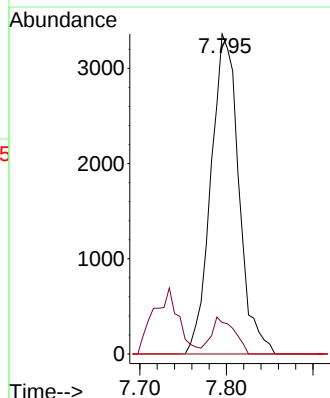
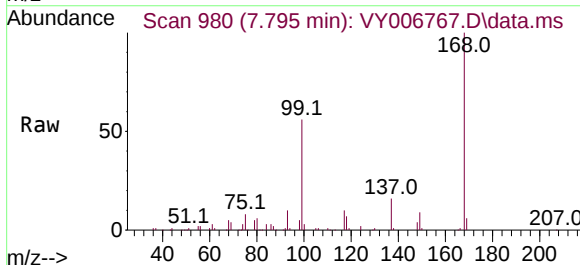
Instrument :  
MSVOA\_Y  
ClientSampleId :  
PARKINGLOT-TOP-U-SP-1-1

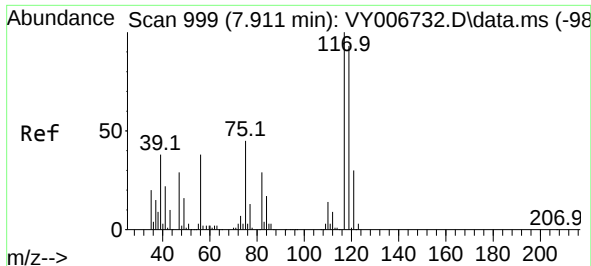
Tgt Ion:113 Resp: 51031  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.3 123.5  
192 22.9 17.4 26.2



#36  
1,1-Dichloropropene  
Concen: 4.461 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.134 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

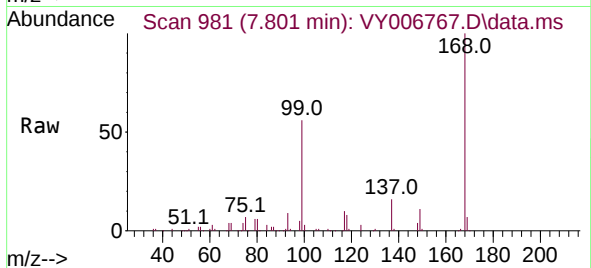
Tgt Ion: 75 Resp: 7518  
Ion Ratio Lower Upper  
75 100  
110 9.3 17.1 51.3#  
77 0.0 24.9 37.3#



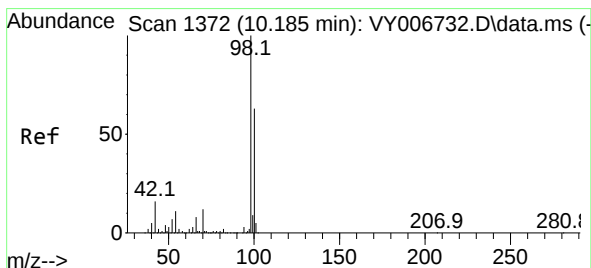
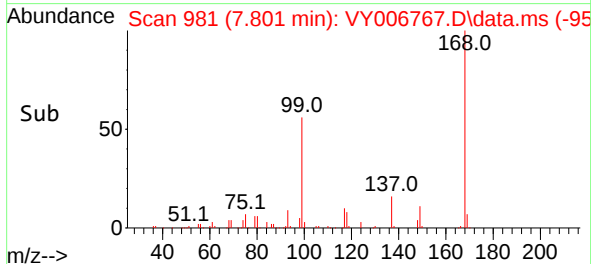
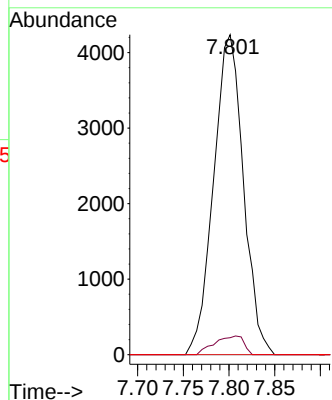


#38  
Carbon Tetrachloride  
Concen: 5.570 ug/l  
RT: 7.801 min Scan# 91  
Delta R.T. -0.110 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
PARKINGLOT-TOP-U-SP-1-1

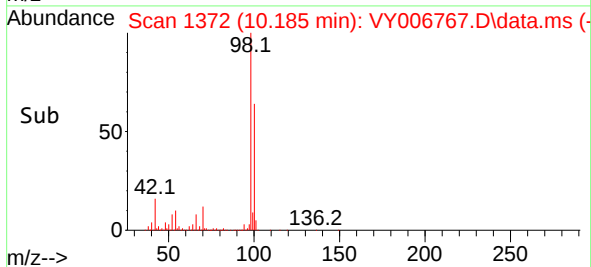
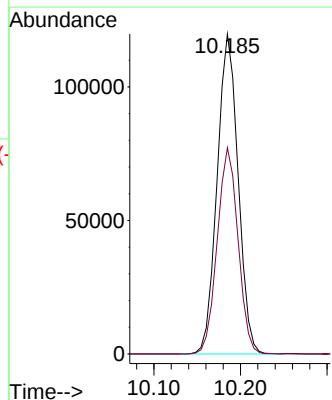
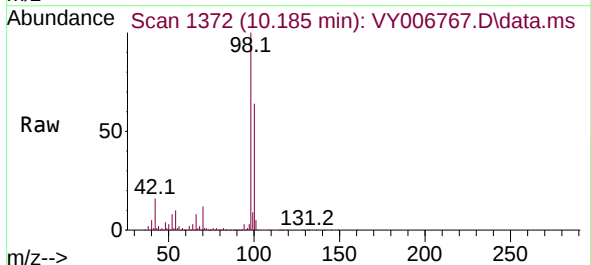


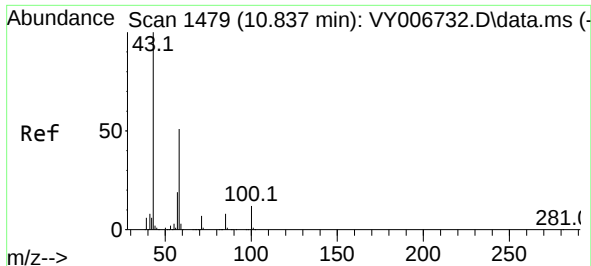
Tgt Ion:117 Resp: 9602  
Ion Ratio Lower Upper  
117 100  
119 5.3 76.6 115.0#  
121 0.0 24.7 37.1#



#50  
Toluene-d8  
Concen: 51.103 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

Tgt Ion: 98 Resp: 201411  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.9 76.3

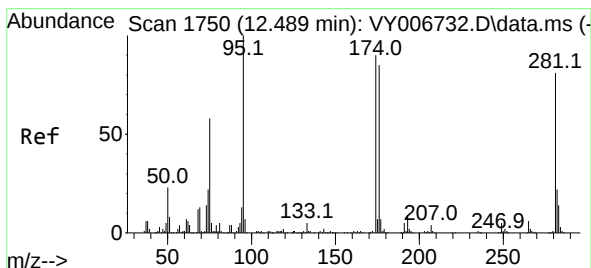
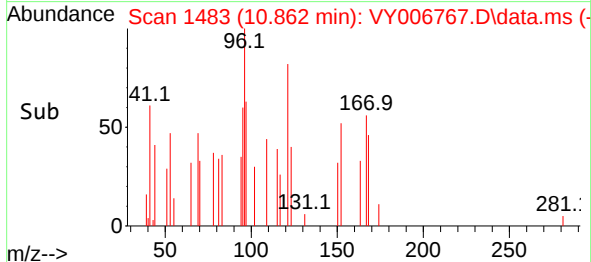
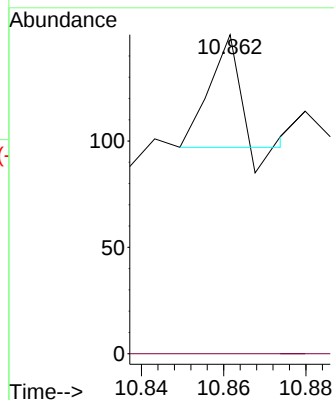
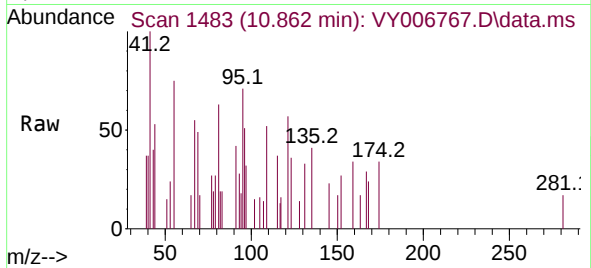




#59  
2-Hexanone  
Concen: 23.844 ug/l  
RT: 10.862 min Scan# 1479  
Delta R.T. 0.025 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

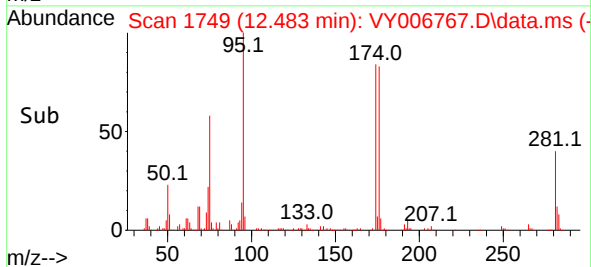
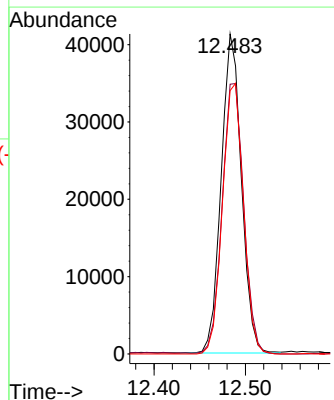
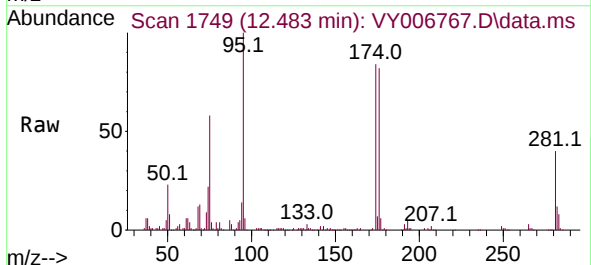
Instrument :  
MSVOA\_Y  
ClientSampleId :  
PARKINGLOT-TOP-U-SP-1-1

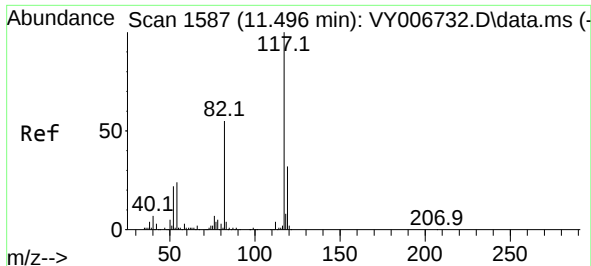
Tgt Ion: 43 Resp: 25  
Ion Ratio Lower Upper  
43 100  
58 0.0 24.6 73.6#



#62  
4-Bromofluorobenzene  
Concen: 47.760 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

Tgt Ion: 95 Resp: 63458  
Ion Ratio Lower Upper  
95 100  
174 90.5 0.0 177.0  
176 88.1 0.0 169.4

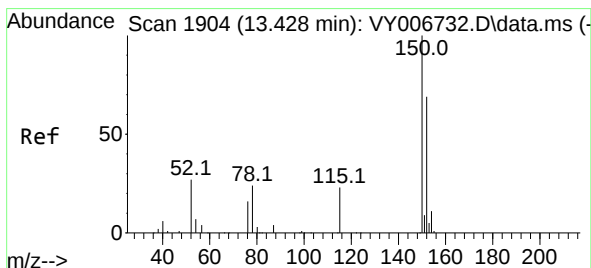
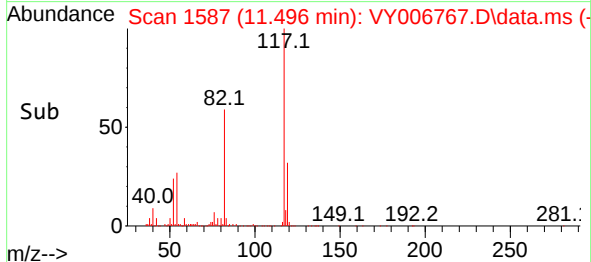
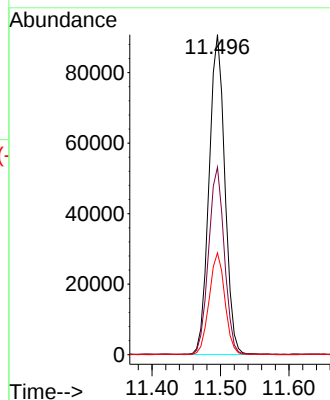
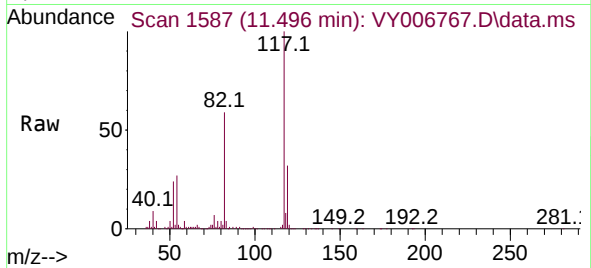




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

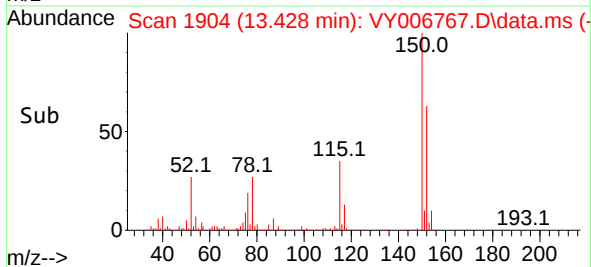
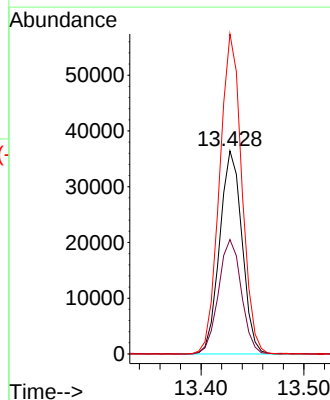
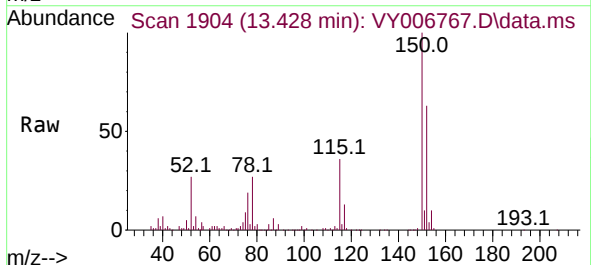
Instrument :  
MSVOA\_Y  
ClientSampleId :  
PARKINGLOT-TOP-U-SP-1-1

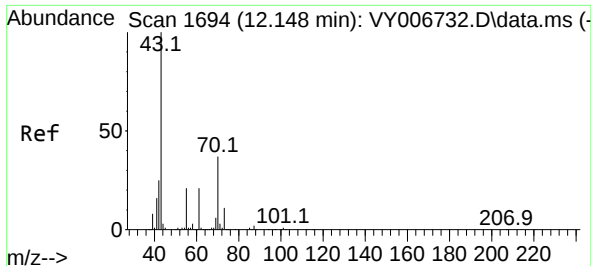
Tgt Ion:117 Resp: 145288  
Ion Ratio Lower Upper  
117 100  
82 58.6 45.7 68.5  
119 31.8 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

Tgt Ion:152 Resp: 54916  
Ion Ratio Lower Upper  
152 100  
115 57.7 28.5 85.5  
150 156.7 0.0 348.2

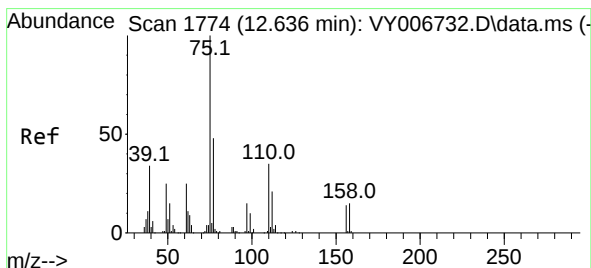
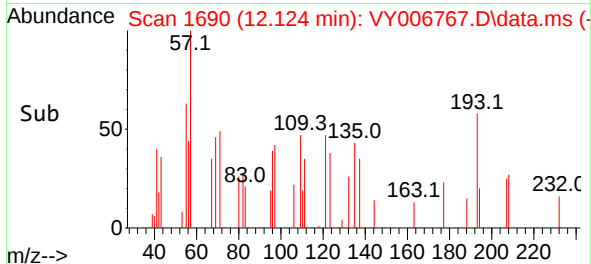
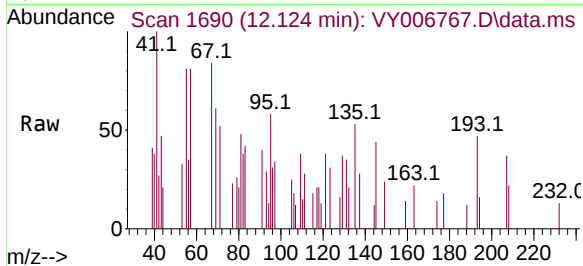




#74  
N-amy1 acetate  
Concen: 3.489 ug/l  
RT: 12.124 min Scan# 1749  
Delta R.T. -0.024 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

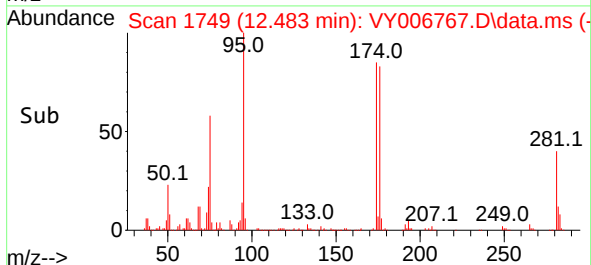
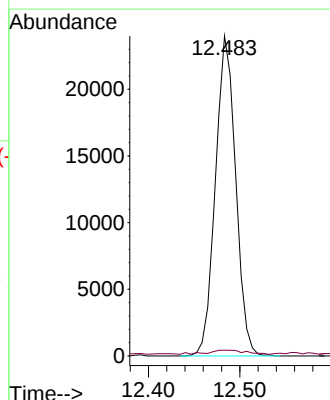
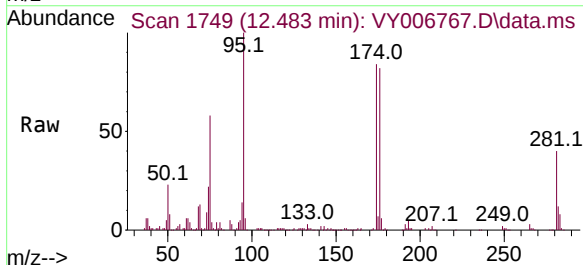
Instrument :  
MSVOA\_Y  
ClientSampleId :  
PARKINGLOT-TOP-U-SP-1-1

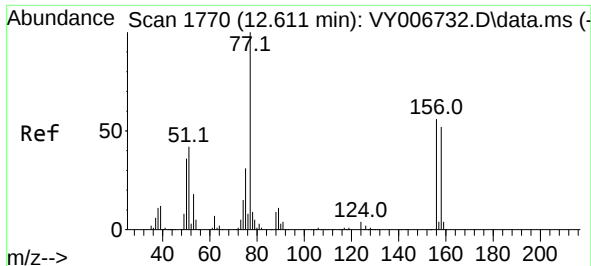
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 540      |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 70          | 7.2 29.4 44.0# |
| 55          | 0.0 18.1 27.1# |
| 61          | 0.0 17.6 26.4# |



#76  
1,2,3-Trichloropropane  
Concen: 61.976 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.153 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

|             |              |
|-------------|--------------|
| Tgt Ion: 75 | Resp: 37003  |
| Ion Ratio   | Lower Upper  |
| 75          | 100          |
| 77          | 2.5 0.0 0.0# |

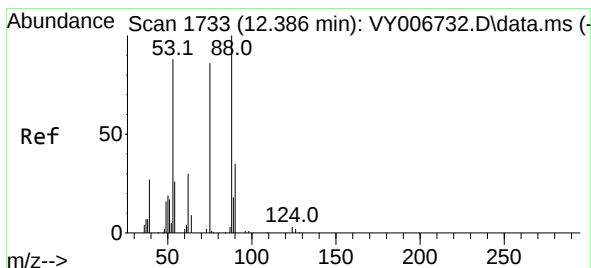
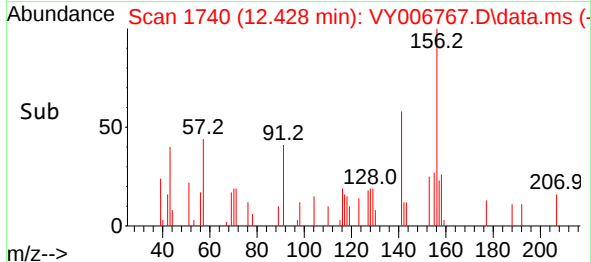
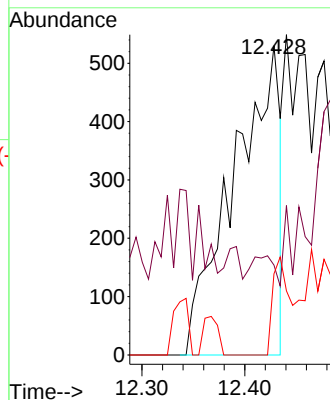
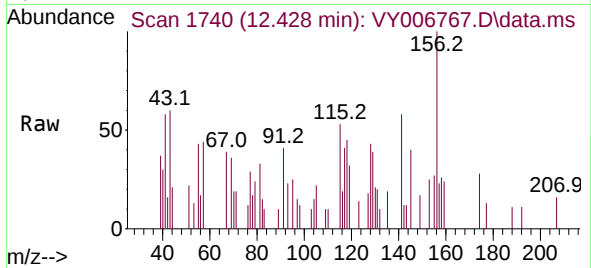




#77  
Bromobenzene  
Concen: 1.736 ug/l  
RT: 12.428 min Scan# 1749  
Delta R.T. -0.183 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
PARKINGLOT-TOP-U-SP-1-1

Tgt Ion:156 Resp: 1653  
Ion Ratio Lower Upper  
156 100  
77 0.0 94.2 282.4#  
158 11.1 48.6 145.8#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 122.803 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.097 min  
Lab File: VY006767.D  
Acq: 16 Nov 2021 17:24

Tgt Ion: 75 Resp: 37003  
Ion Ratio Lower Upper  
75 100  
53 0.4 85.8 128.6#  
89 0.7 39.3 58.9#

