

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062421\  
 Data File : VY005205.D  
 Acq On : 24 Jun 2021 12:55  
 Operator : SY/MD  
 Sample : M2829-03  
 Misc : 5.47G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 15B-STOCKPILE-2B

Quant Time: Jun 25 04:33:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 07:57:52 2021  
 Response via : Initial Calibration

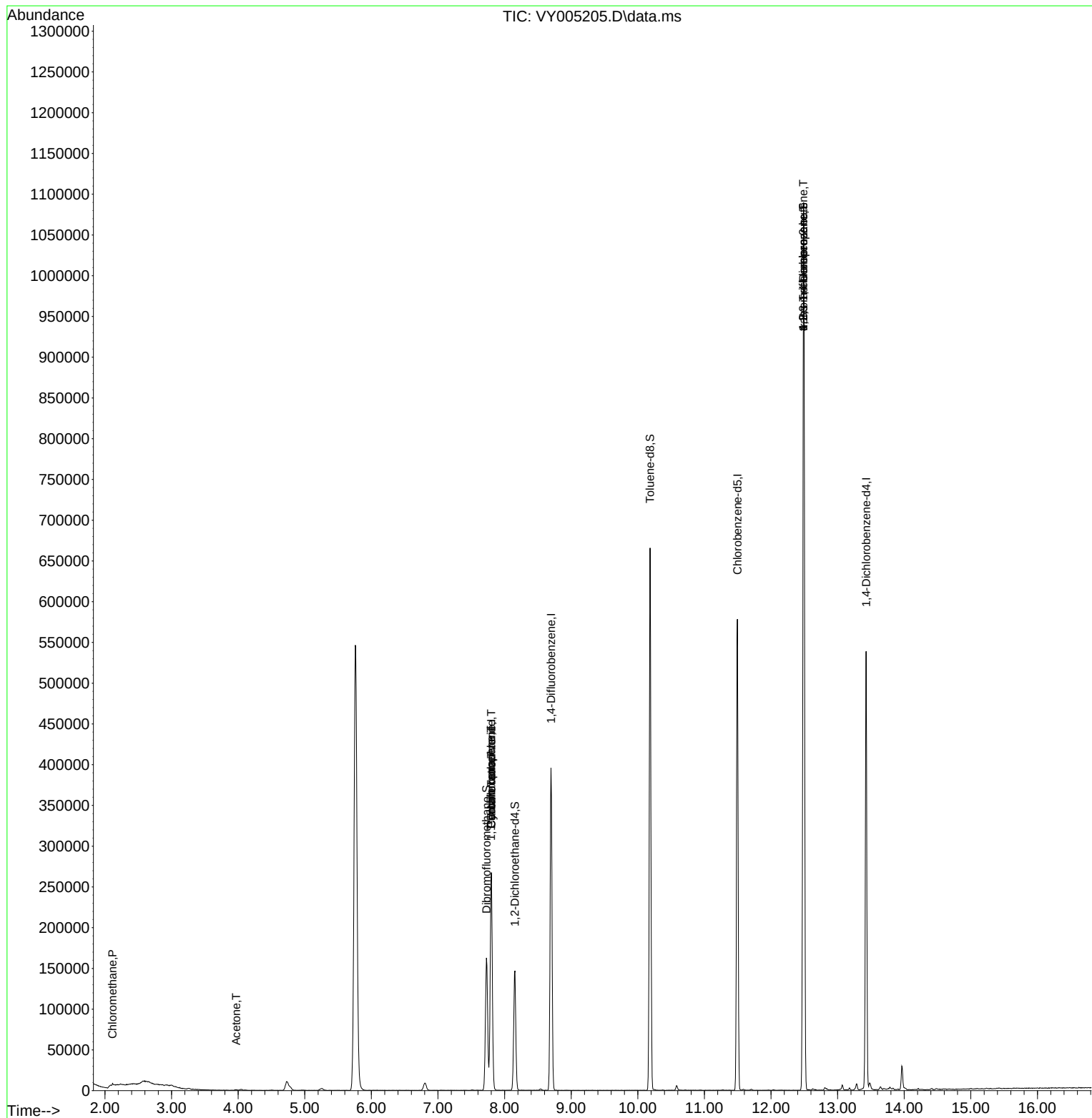
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.801  | 168   | 229067   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.697  | 114   | 364889   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.495 | 117   | 338606   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428 | 152   | 148828   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.155  | 65    | 114281   | 60.119    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | = 120.240% |          |
| 35) Dibromofluoromethane      | 7.728  | 113   | 113992   | 52.972    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | = 105.940% |          |
| 50) Toluene-d8                | 10.185 | 98    | 437790   | 50.871    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery  | = 101.740% |          |
| 62) 4-Bromofluorobenzene      | 12.483 | 95    | 138520   | 48.303    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery  | = 96.600%  |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 3) Chloromethane              | 2.113  | 50    | 2165     | 1.079     | ug/l       | 99       |
| 11) Tert butyl alcohol        | 4.972  | 59    | 507      | Below Cal | #          | 77       |
| 16) Acetone                   | 3.972  | 43    | 1344     | 3.061     | ug/l #     | 86       |
| 20) Methylene Chloride        | 4.728  | 84    | 8585     | Below Cal |            | 96       |
| 31) Cyclohexane               | 7.801  | 56    | 5281     | 1.556     | ug/l #     | 32       |
| 36) 1,1-Dichloropropene       | 7.795  | 75    | 13667    | 4.254     | ug/l #     | 48       |
| 38) Carbon Tetrachloride      | 7.801  | 117   | 18510    | 5.503     | ug/l #     | 16       |
| 76) 1,2,3-Trichloropropane    | 12.483 | 75    | 67613    | 51.224    | ug/l #     | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75    | 67613    | 95.573    | ug/l #     | 19       |
| -----                         |        |       |          |           |            |          |

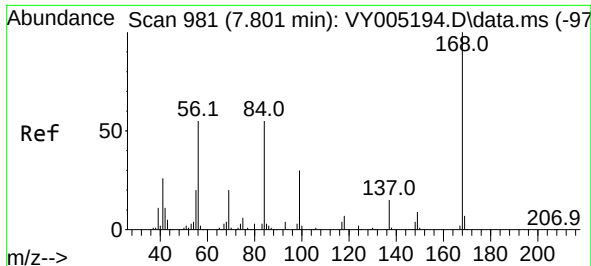
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062421\  
Data File : VY005205.D  
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Sample : M2829-03  
Misc : 5.47G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
15B-STOCKPILE-2B

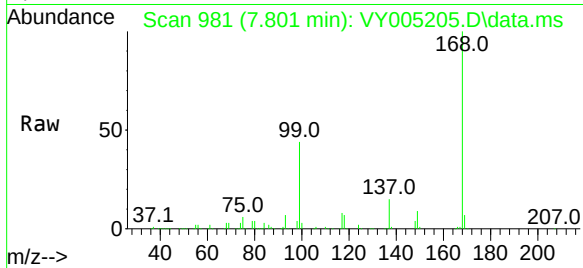
Quant Time: Jun 25 04:33:43 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 07:57:52 2021  
Response via : Initial Calibration



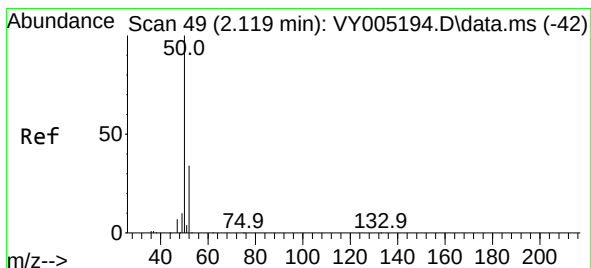
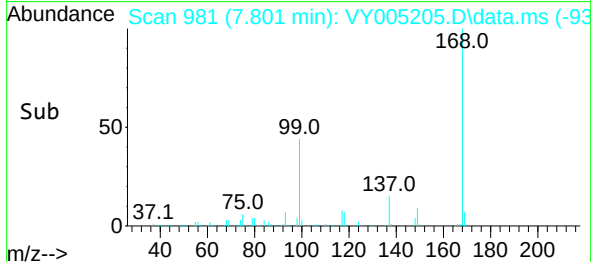
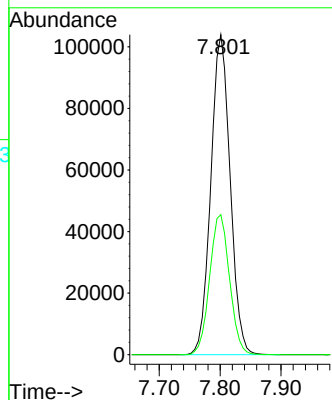


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

Instrument :  
MSVOA\_Y  
ClientSampleId :  
15B-STOCKPILE-2B

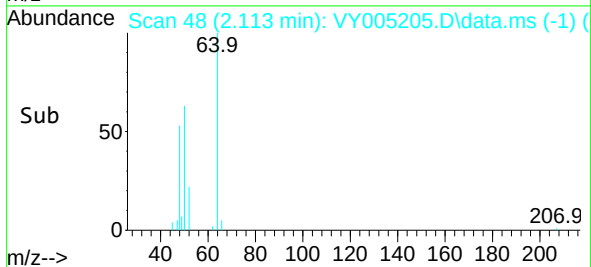
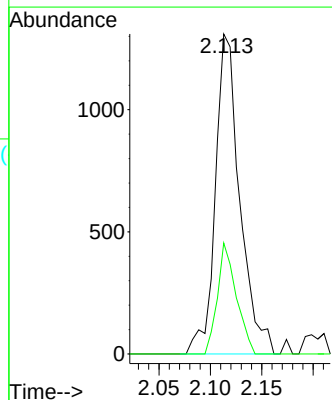
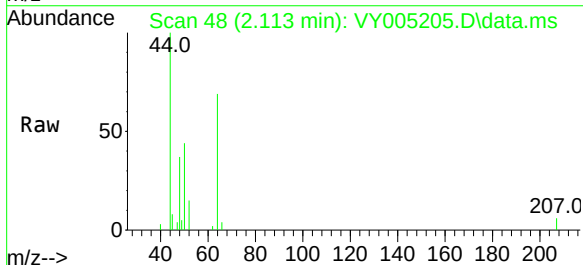


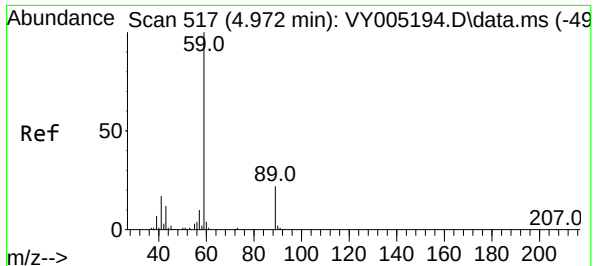
Tgt Ion:168 Resp: 229067  
Ion Ratio Lower Upper  
168 100  
99 43.7 36.2 54.4



#3  
Chloromethane  
Concen: 1.079 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. -0.006 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

Tgt Ion: 50 Resp: 2165  
Ion Ratio Lower Upper  
50 100  
52 34.7 27.4 41.2



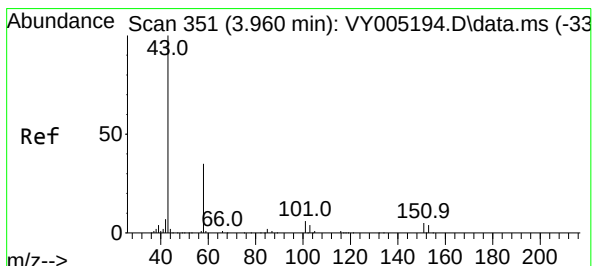
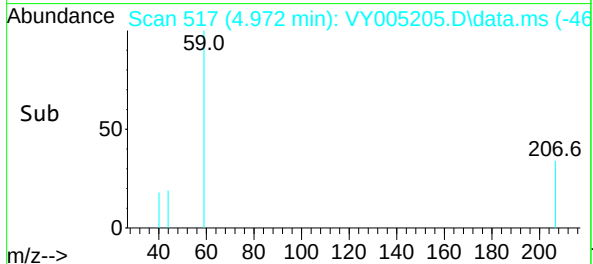
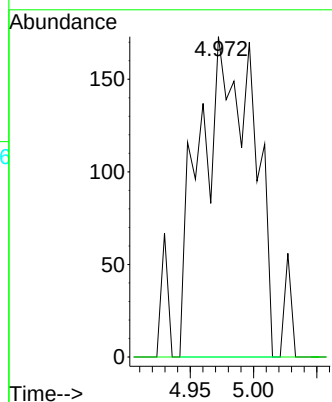
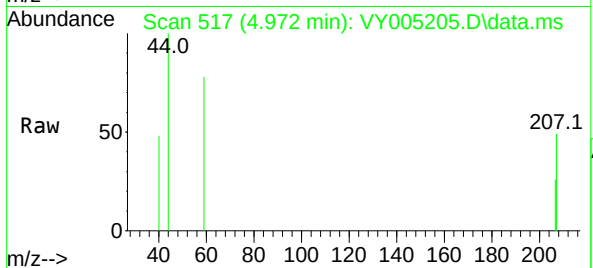


#11

Tert butyl alcohol  
Concen: Below Cal  
RT: 4.972 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

Instrument :  
MSVOA\_Y  
ClientSampleId :  
15B-STOCKPILE-2B

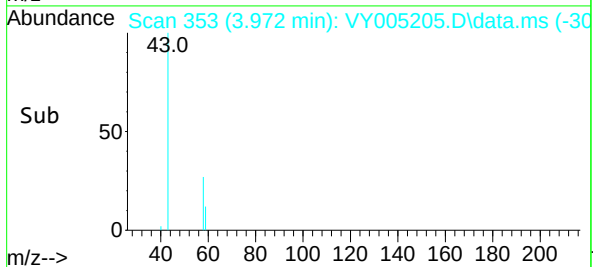
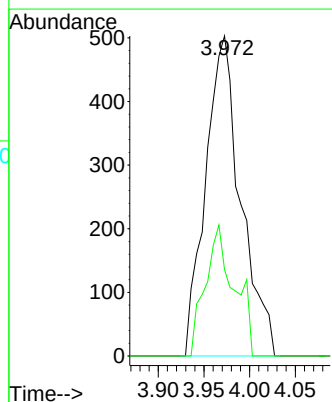
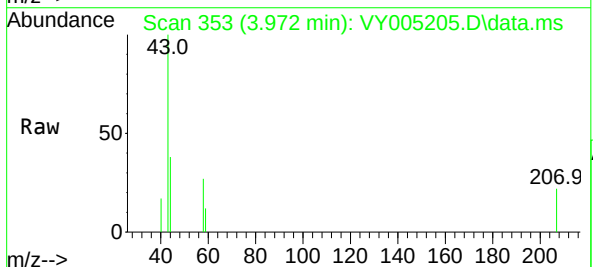
Tgt Ion: 59 Resp: 507  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.5 9.7#

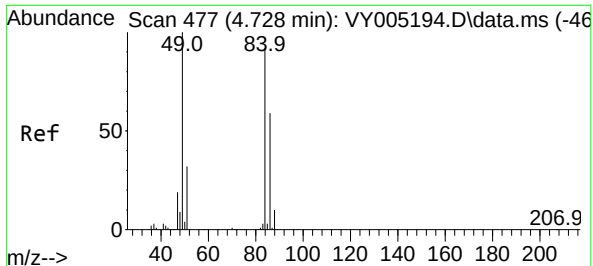


#16

Acetone  
Concen: 3.061 ug/l  
RT: 3.972 min Scan# 353  
Delta R.T. 0.012 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

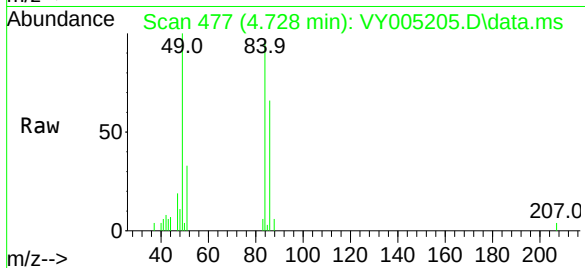
Tgt Ion: 43 Resp: 1344  
Ion Ratio Lower Upper  
43 100  
58 27.0 28.2 42.2#



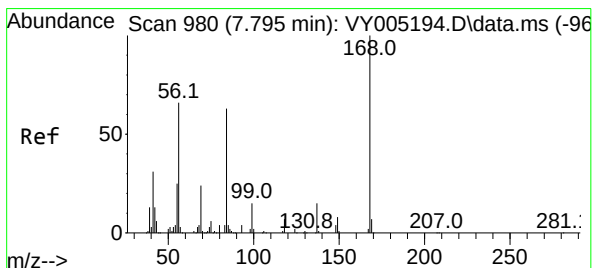
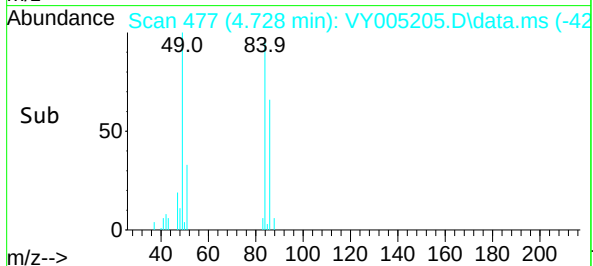
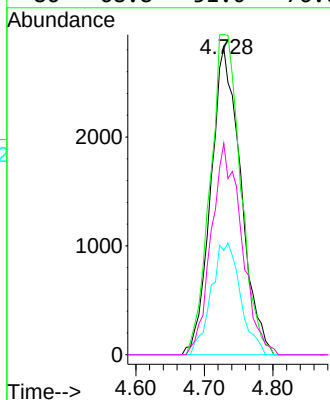


#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.728 min Scan# 477  
Delta R.T. 0.000 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

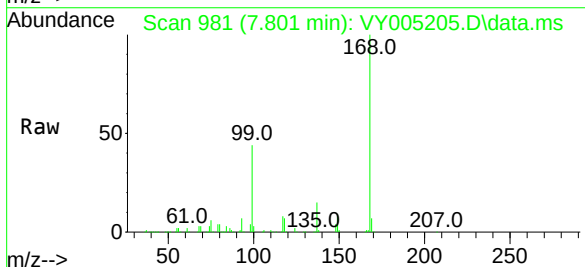
Instrument :  
MSVOA\_Y  
ClientSampleId :  
15B-STOCKPILE-2B



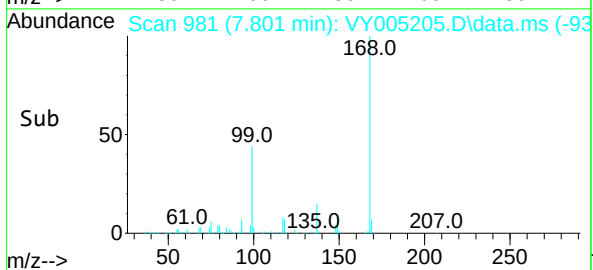
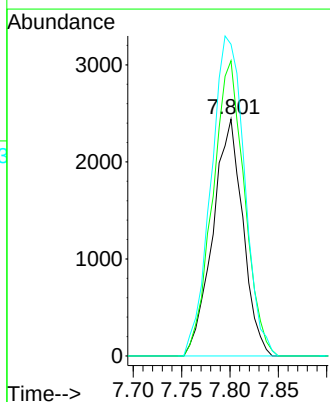
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 8585  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 104.2 | 86.9  | 130.3 |
| 51       | 33.9  | 27.4  | 41.2  |
| 86       | 68.8  | 51.0  | 76.6  |

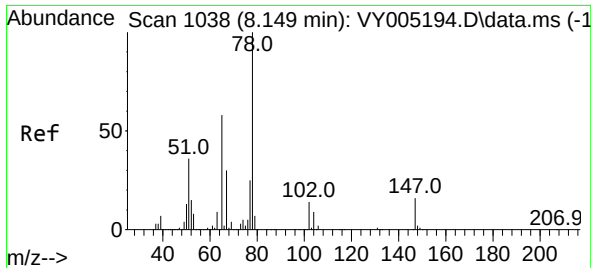


#31  
Cyclohexane  
Concen: 1.556 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55



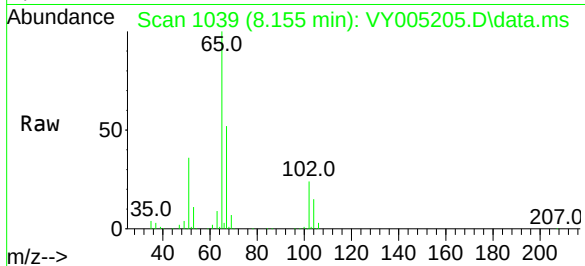
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 5281   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 124.7 | 29.6  | 44.4#  |
| 84       | 131.7 | 76.4  | 114.6# |



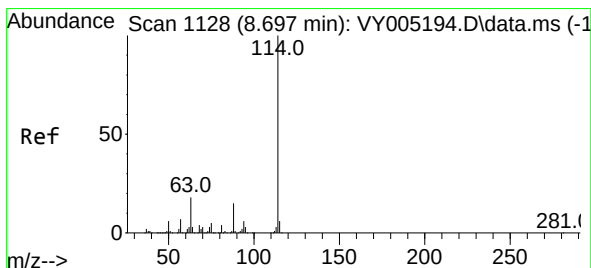
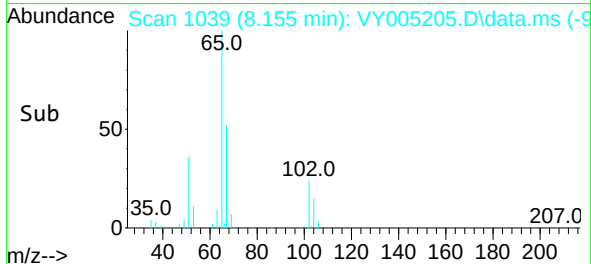
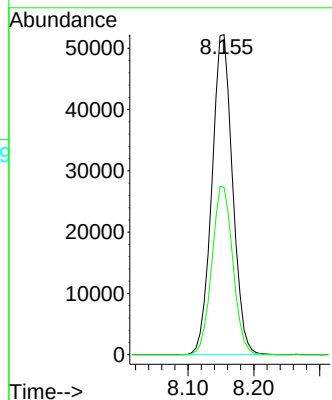


#33  
 1,2-Dichloroethane-d4  
 Concen: 60.119 ug/l  
 RT: 8.155 min Scan# 1039  
 Delta R.T. 0.006 min  
 Lab File: VY005205.D  
 Acq: 24 Jun 2021 12:55

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 15B-STOCKPILE-2B

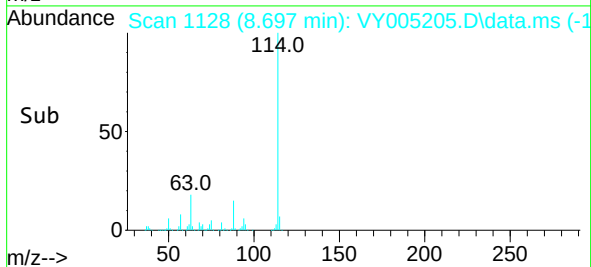
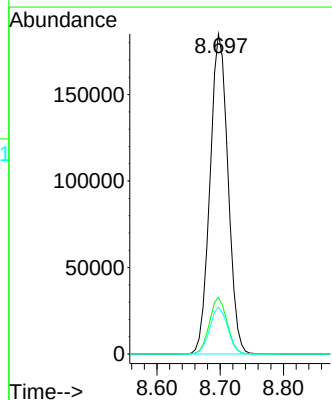
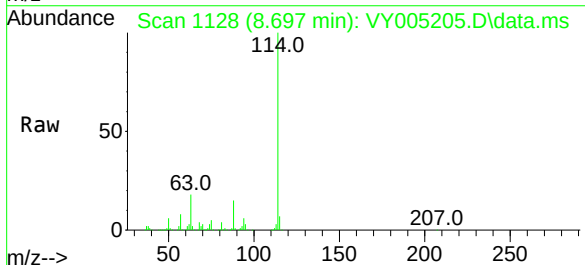


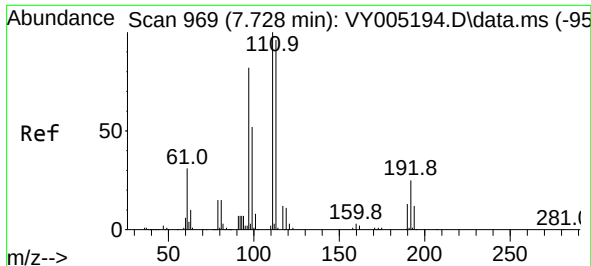
Tgt Ion: 65 Resp: 114281  
 Ion Ratio Lower Upper  
 65 100  
 67 53.5 0.0 110.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. -0.000 min  
 Lab File: VY005205.D  
 Acq: 24 Jun 2021 12:55

Tgt Ion: 114 Resp: 364889  
 Ion Ratio Lower Upper  
 114 100  
 63 17.7 0.0 35.2  
 88 14.6 0.0 29.4

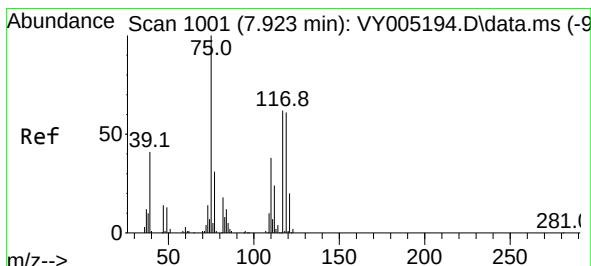
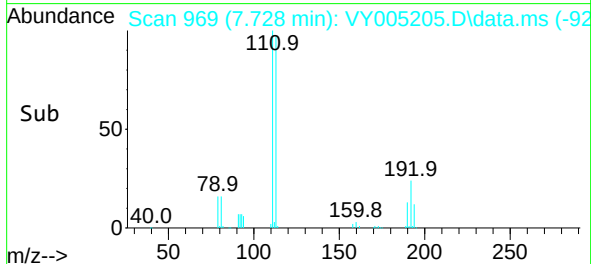
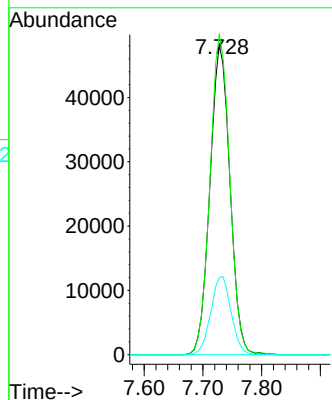
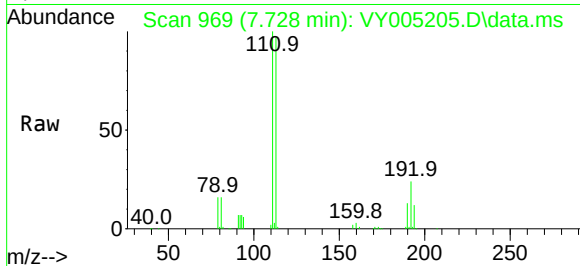




#35  
Dibromofluoromethane  
Concen: 52.972 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

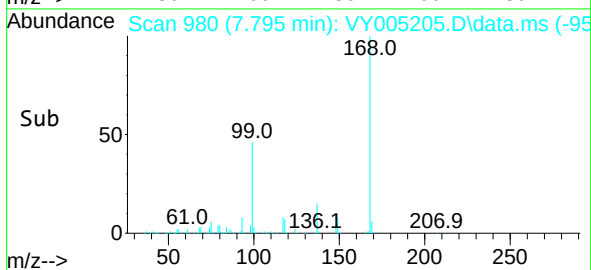
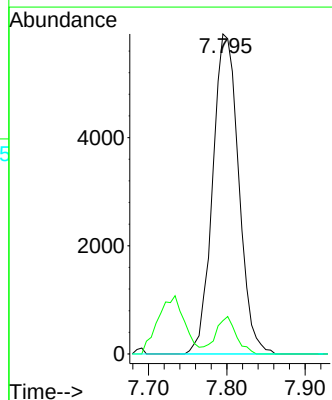
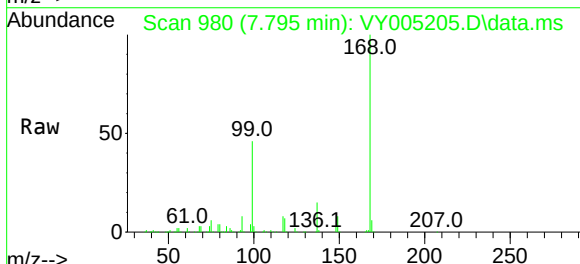
Instrument :  
MSVOA\_Y  
ClientSampleId :  
15B-STOCKPILE-2B

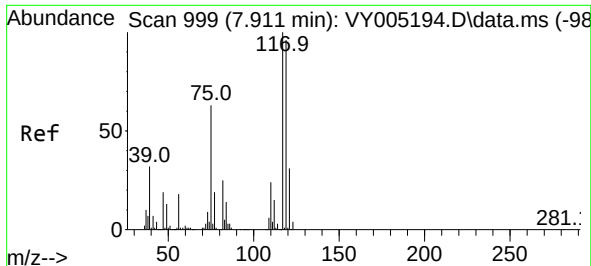
Tgt Ion:113 Resp: 113992  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.6 124.0  
192 25.5 20.2 30.2



#36  
1,1-Dichloropropene  
Concen: 4.254 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.128 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

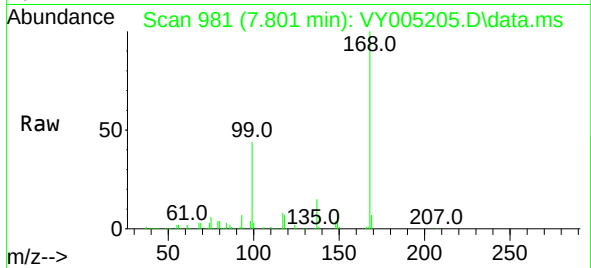
Tgt Ion: 75 Resp: 13667  
Ion Ratio Lower Upper  
75 100  
110 9.1 19.1 57.5#  
77 0.0 25.2 37.8#



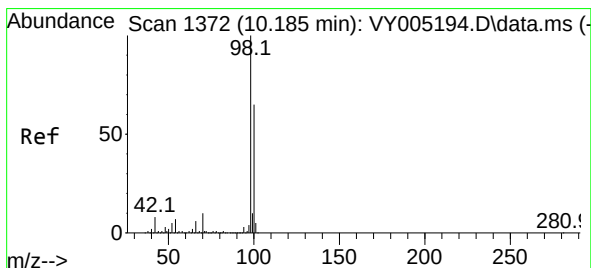
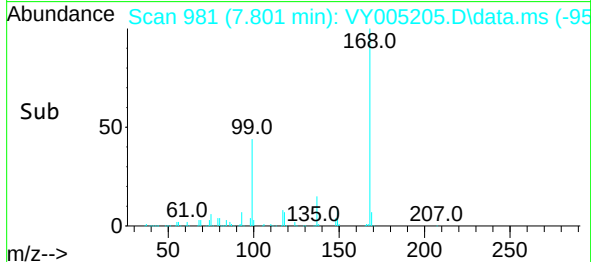
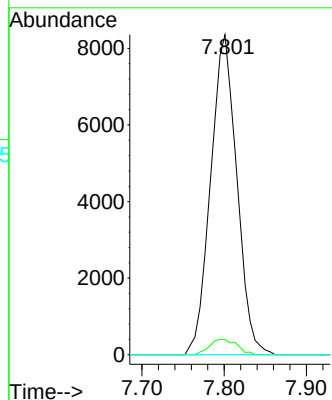


#38  
Carbon Tetrachloride  
Concen: 5.503 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. -0.110 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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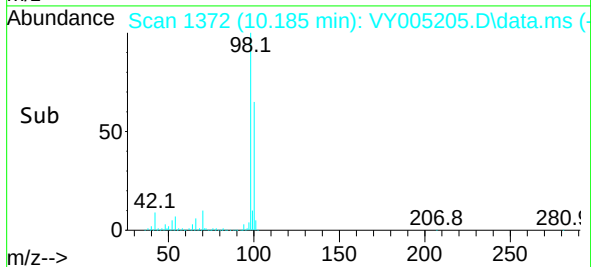
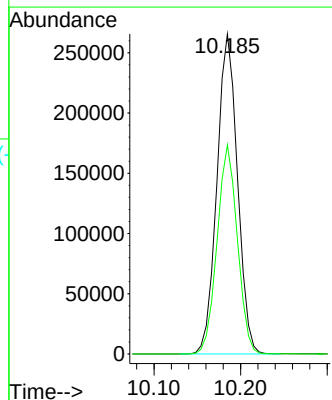
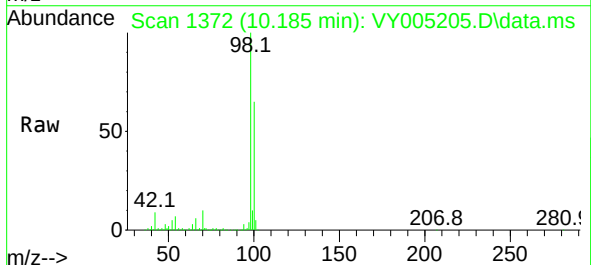


Tgt Ion: 117 Resp: 18510  
Ion Ratio Lower Upper  
117 100  
119 4.7 76.2 114.4#  
121 0.0 24.7 37.1#

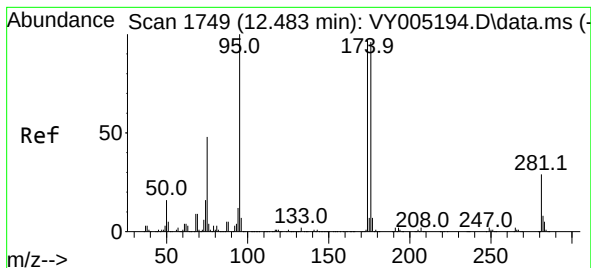


#50  
Toluene-d8  
Concen: 50.871 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

Tgt Ion: 98 Resp: 437790  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.9 77.9



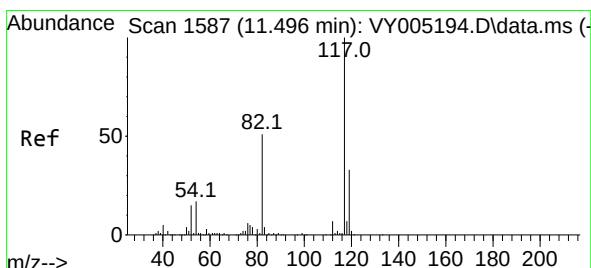
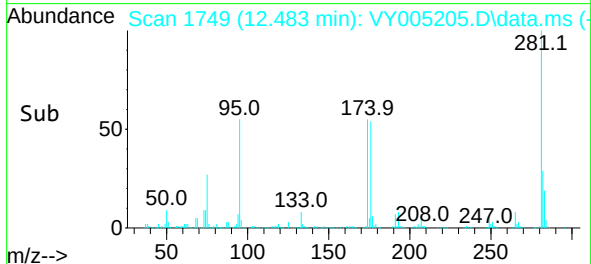
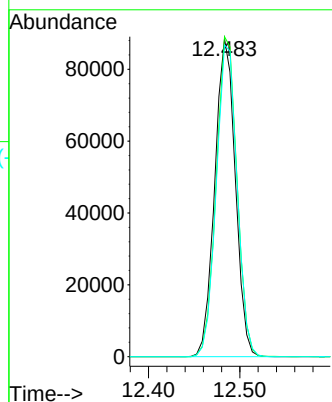
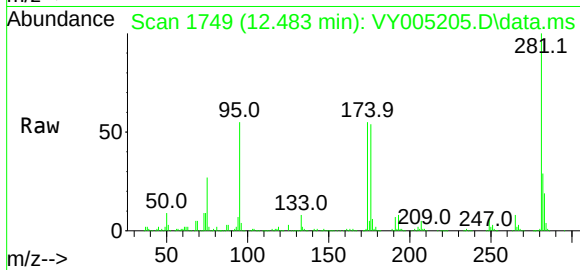




#62  
4-Bromofluorobenzene  
Concen: 48.303 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

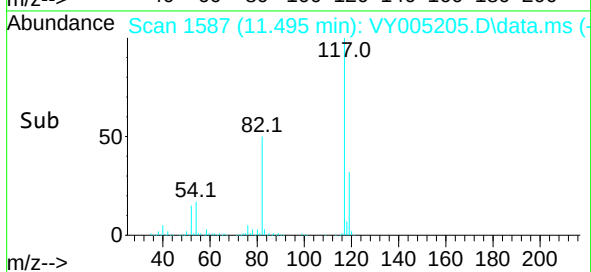
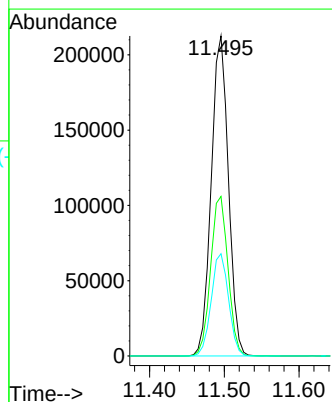
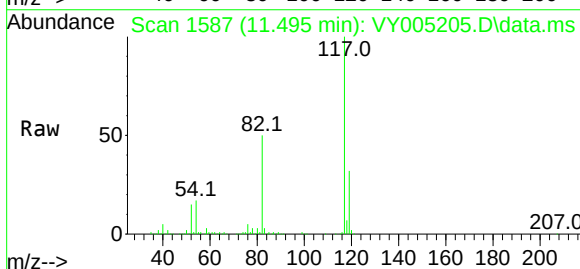
Instrument :  
MSVOA\_Y  
ClientSampleId :  
15B-STOCKPILE-2B

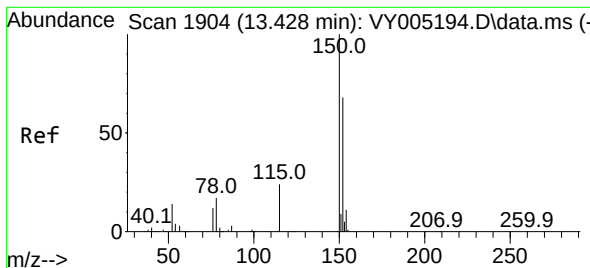
Tgt Ion: 95 Resp: 138520  
Ion Ratio Lower Upper  
95 100  
174 101.3 0.0 201.6  
176 99.1 0.0 197.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005205.D  
Acq: 24 Jun 2021 12:55

Tgt Ion: 117 Resp: 338606  
Ion Ratio Lower Upper  
117 100  
82 49.9 40.6 60.8  
119 32.0 26.1 39.1

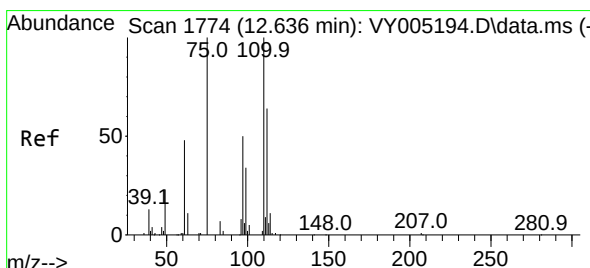
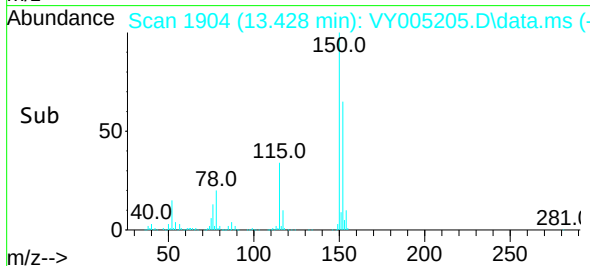
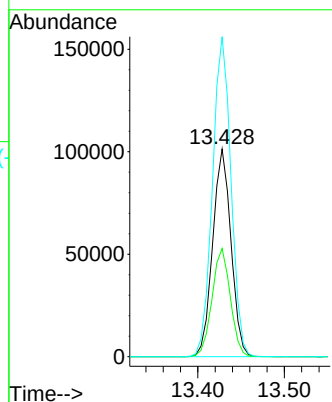
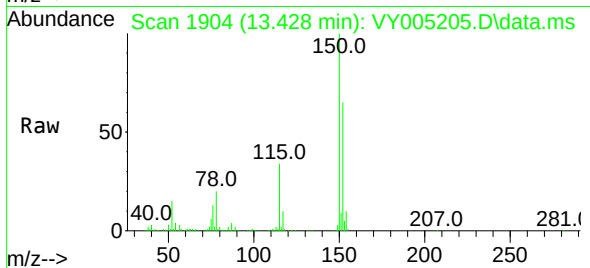




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VY005205.D  
 Acq: 24 Jun 2021 12:55

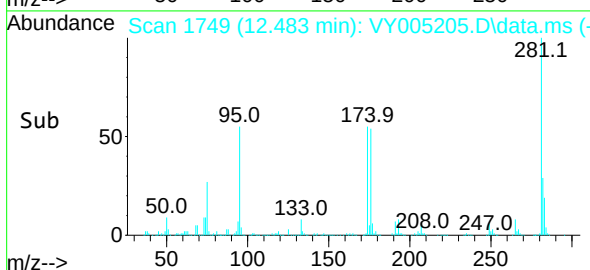
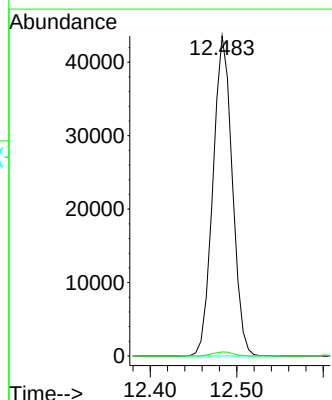
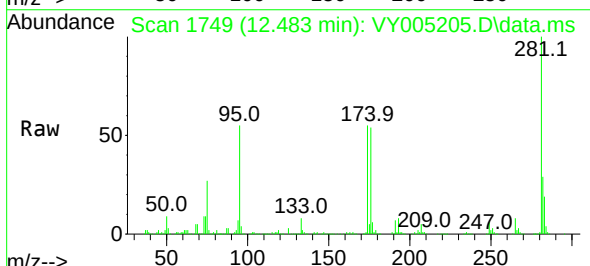
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 15B-STOCKPILE-2B

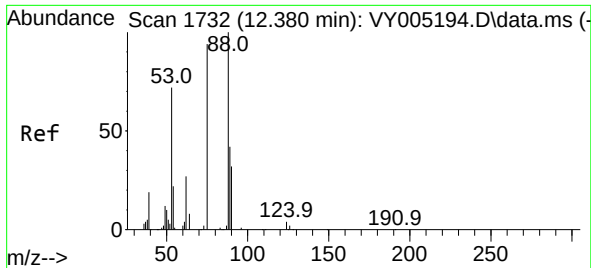
Tgt Ion:152 Resp: 148828  
 Ion Ratio Lower Upper  
 152 100  
 115 51.9 26.3 78.8  
 150 155.8 0.0 344.2



#76  
 1,2,3-Trichloropropane  
 Concen: 51.224 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. -0.152 min  
 Lab File: VY005205.D  
 Acq: 24 Jun 2021 12:55

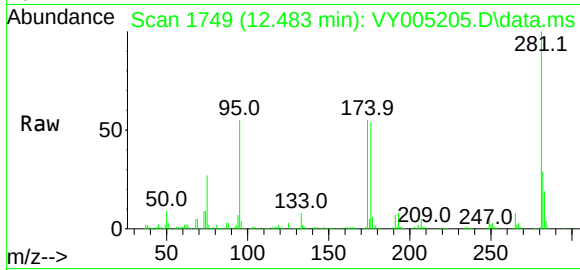
Tgt Ion: 75 Resp: 67613  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 0.0 0.0#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 95.573 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. 0.104 min  
 Lab File: VY005205.D  
 Acq: 24 Jun 2021 12:55

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 15B-STOCKPILE-2B



Tgt Ion: 75 Resp: 67613  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 63.0 94.4#  
 89 2.2 38.0 57.0#

