

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032822\  
 Data File : VY008064.D  
 Acq On : 28 Mar 2022 14:18  
 Operator : SY/MD  
 Sample : N2095-13RE  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-13-9.0-10.0RE

Quant Time: Mar 29 02:25:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 26 03:24:51 2022  
 Response via : Initial Calibration

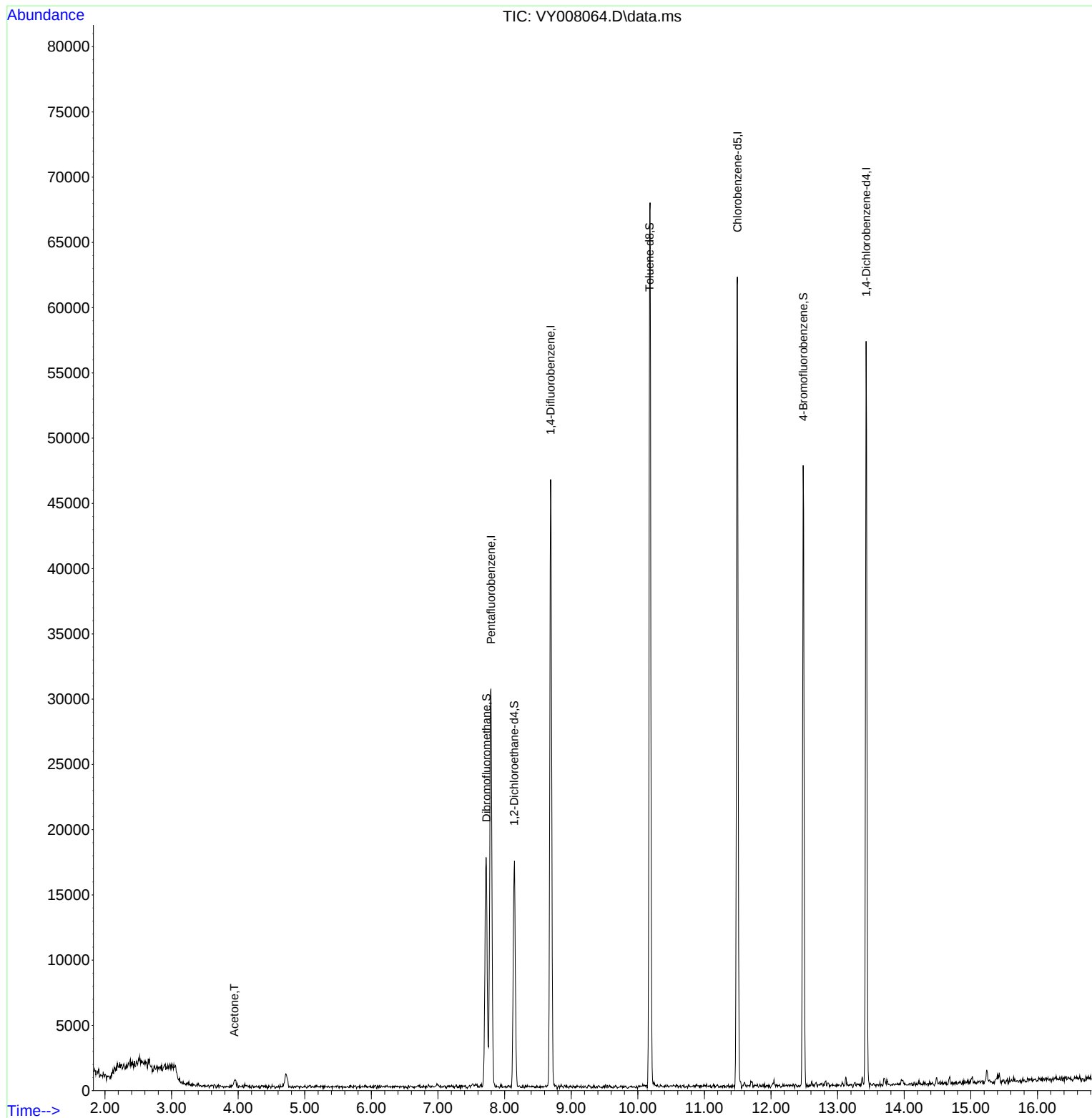
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 24317    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 41810    | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 36123    | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 14356    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 13731    | 56.281   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 112.560% |
| 35) Dibromofluoromethane    | 7.728  | 113   | 13041    | 49.749   | ug/l  | 0.01     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 99.500%  |
| 50) Toluene-d8              | 10.179 | 98    | 48098    | 48.702   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 97.400%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 14936    | 42.867   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 85.740%  |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 3.942  | 43    | 994      | 17.825   | ug/l  | 90       |
| -----                       |        |       |          |          |       |          |

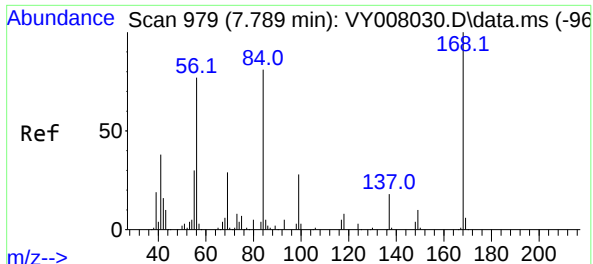
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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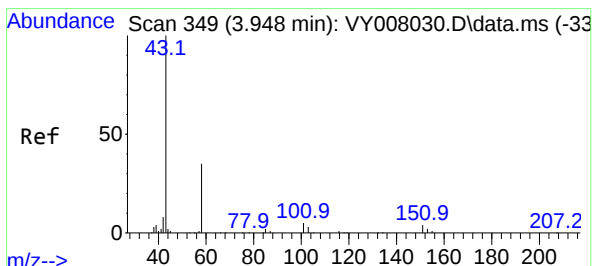
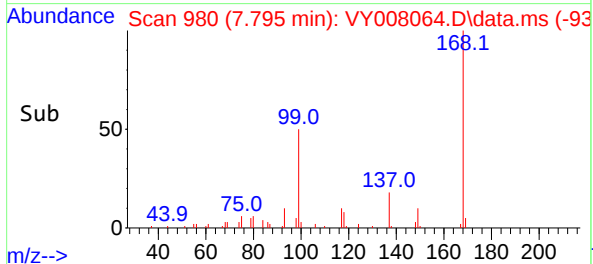
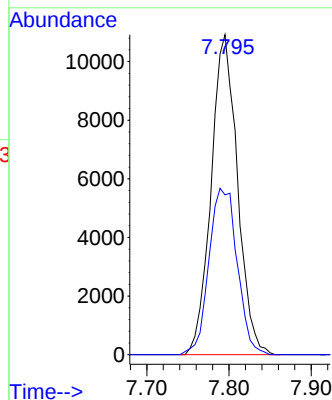
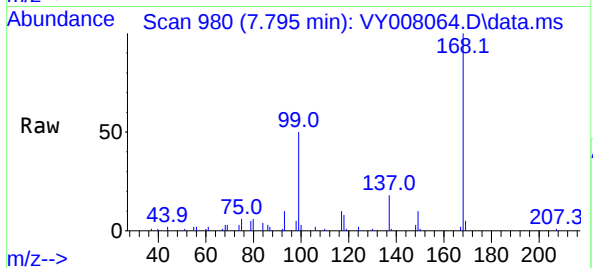




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY008064.D  
Acq: 28 Mar 2022 14:18

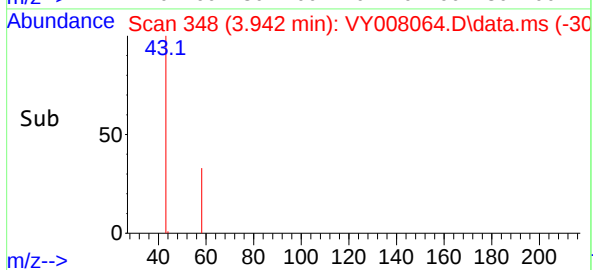
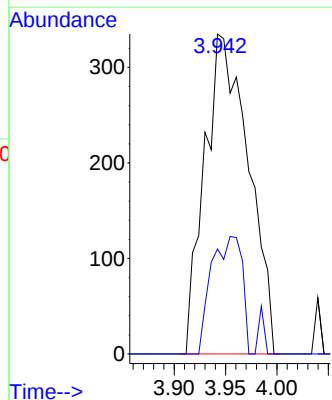
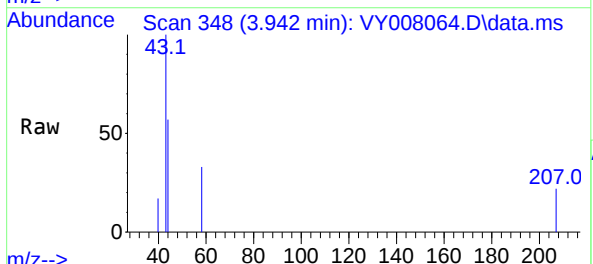
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-13-9.0-10.0RE

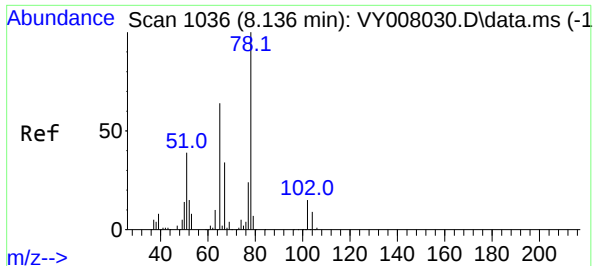
Tgt Ion:168 Resp: 24317  
Ion Ratio Lower Upper  
168 100  
99 50.0 46.9 70.3



#16  
Acetone  
Concen: 17.825 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.006 min  
Lab File: VY008064.D  
Acq: 28 Mar 2022 14:18

Tgt Ion: 43 Resp: 994  
Ion Ratio Lower Upper  
43 100  
58 32.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 56.281 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY008064.D

Acq: 28 Mar 2022 14:18

Instrument :

MSVOA\_Y

ClientSampleId :

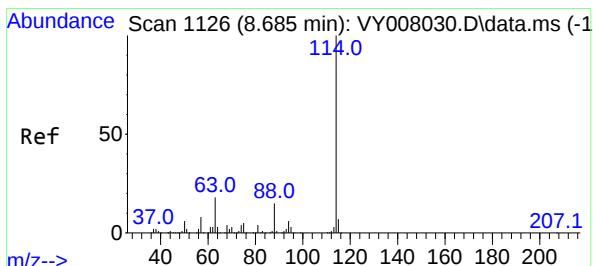
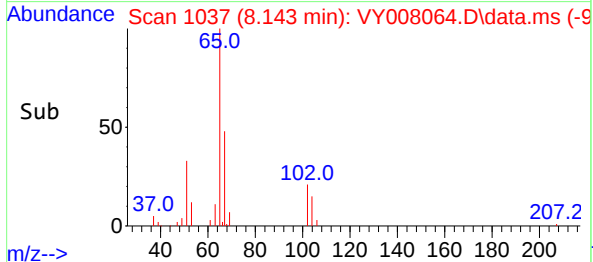
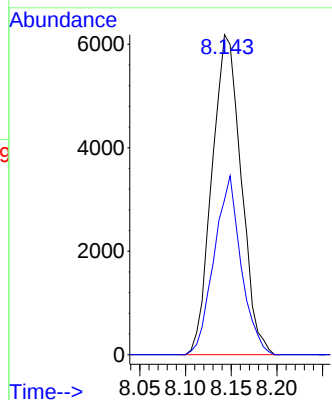
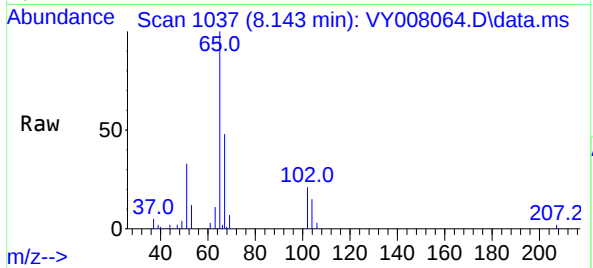
SB-13-9.0-10.0RE

Tgt Ion: 65 Resp: 13731

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008064.D

Acq: 28 Mar 2022 14:18

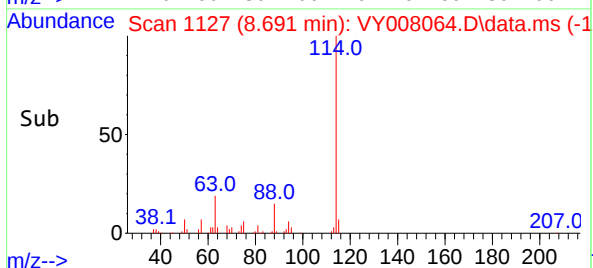
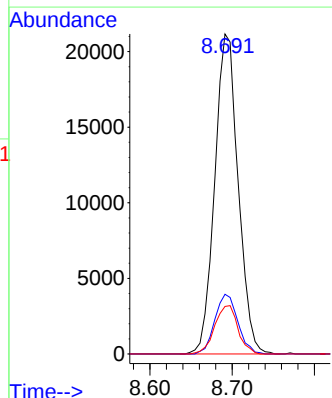
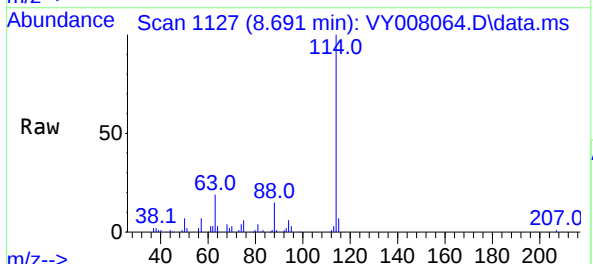
Tgt Ion: 114 Resp: 41810

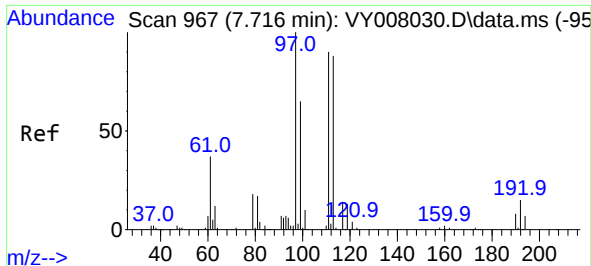
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.9 0.0 31.8

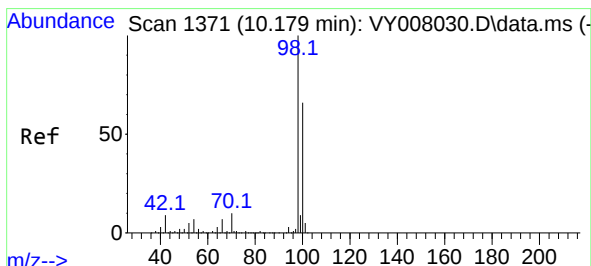
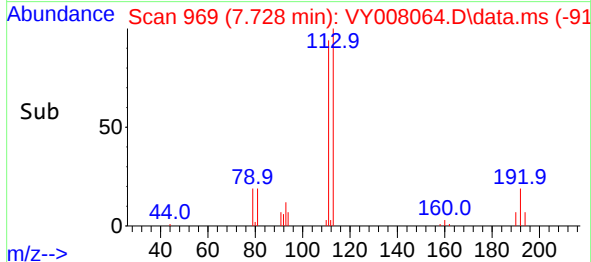
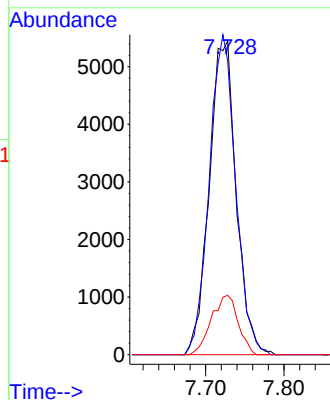
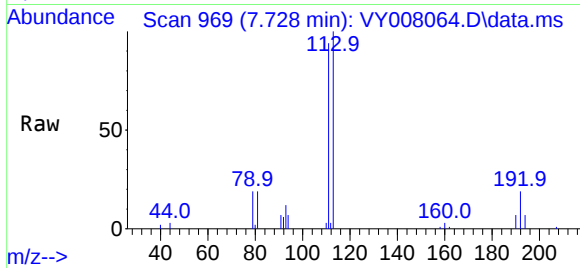




#35  
Dibromofluoromethane  
Concen: 49.749 ug/l  
RT: 7.728 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY008064.D  
Acq: 28 Mar 2022 14:18

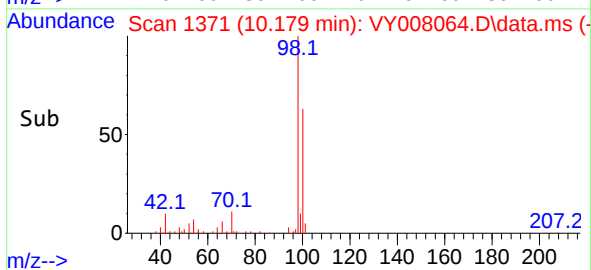
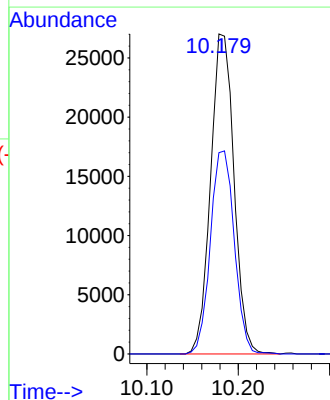
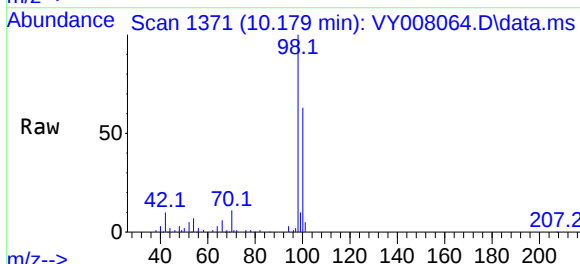
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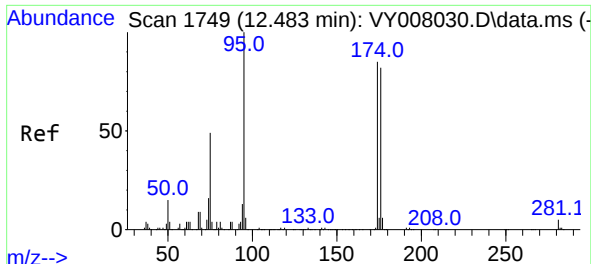
Tgt Ion:113 Resp: 13041  
Ion Ratio Lower Upper  
113 100  
111 99.9 82.6 124.0  
192 18.8 17.6 26.4



#50  
Toluene-d8  
Concen: 48.702 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY008064.D  
Acq: 28 Mar 2022 14:18

Tgt Ion: 98 Resp: 48098  
Ion Ratio Lower Upper  
98 100  
100 64.8 50.2 75.2

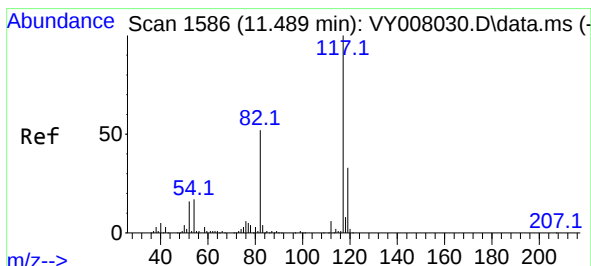
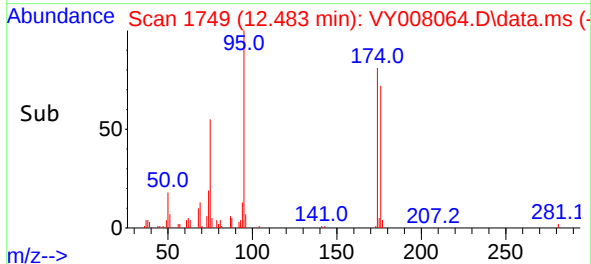
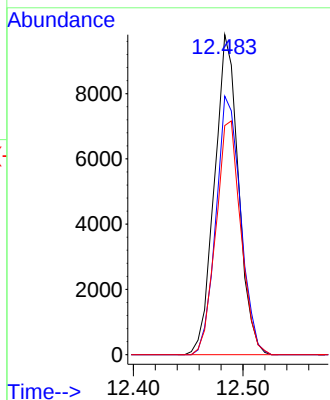
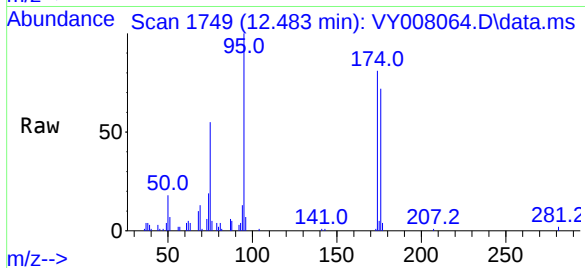




#62  
4-Bromofluorobenzene  
Concen: 42.867 ug/l  
RT: 12.483 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008064.D  
Acq: 28 Mar 2022 14:18

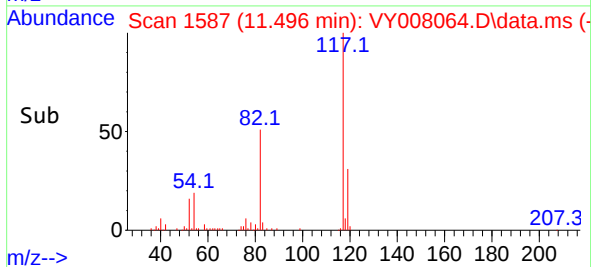
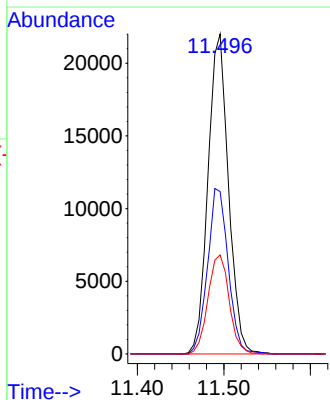
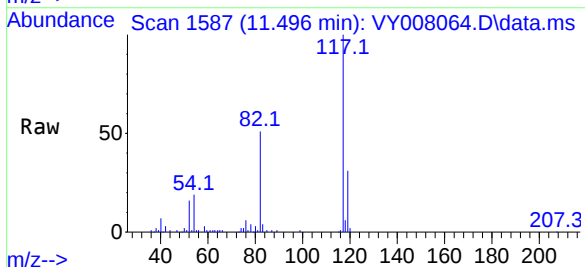
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-13-9.0-10.0RE

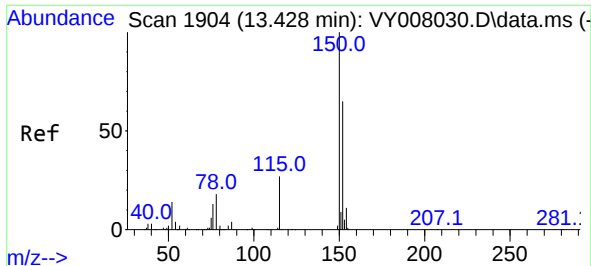
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 14936 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 82.7  | 0.0   | 177.0 |
| 176      | 75.8  | 0.0   | 175.8 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.007 min  
Lab File: VY008064.D  
Acq: 28 Mar 2022 14:18

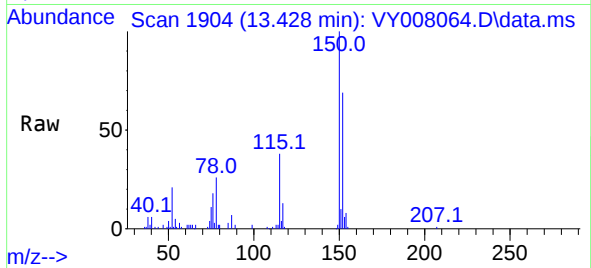
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 36123 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 50.8  | 43.0  | 64.4  |
| 119      | 30.9  | 25.4  | 38.0  |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VY008064.D  
 Acq: 28 Mar 2022 14:18

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-13-9.0-10.0RE



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 14356 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 57.3  | 28.2  | 84.7  |
| 150      | 153.1 | 0.0   | 347.6 |

