

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012122\  
 Data File : VY007257.D  
 Acq On : 21 Jan 2022 16:52  
 Operator : SY/MD  
 Sample : N1235-01  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-1

Quant Time: Jan 22 00:24:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/24/2022  
 Supervised By : Mahesh Dadoda 01/24/2022

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.807  | 168   | 3378     | 50.000   | ug/l  | 0.02     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 6838     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 6994     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 2882     | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 3300     | 79.617   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 159.240% |
| 35) Dibromofluoromethane    | 7.728  | 113   | 2816     | 60.903   | ug/l  | 0.01     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 121.800% |
| 50) Toluene-d8              | 10.185 | 98    | 8317     | 49.228   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 98.460%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 3270     | 54.411   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 108.820% |

Target Compounds Qvalue

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

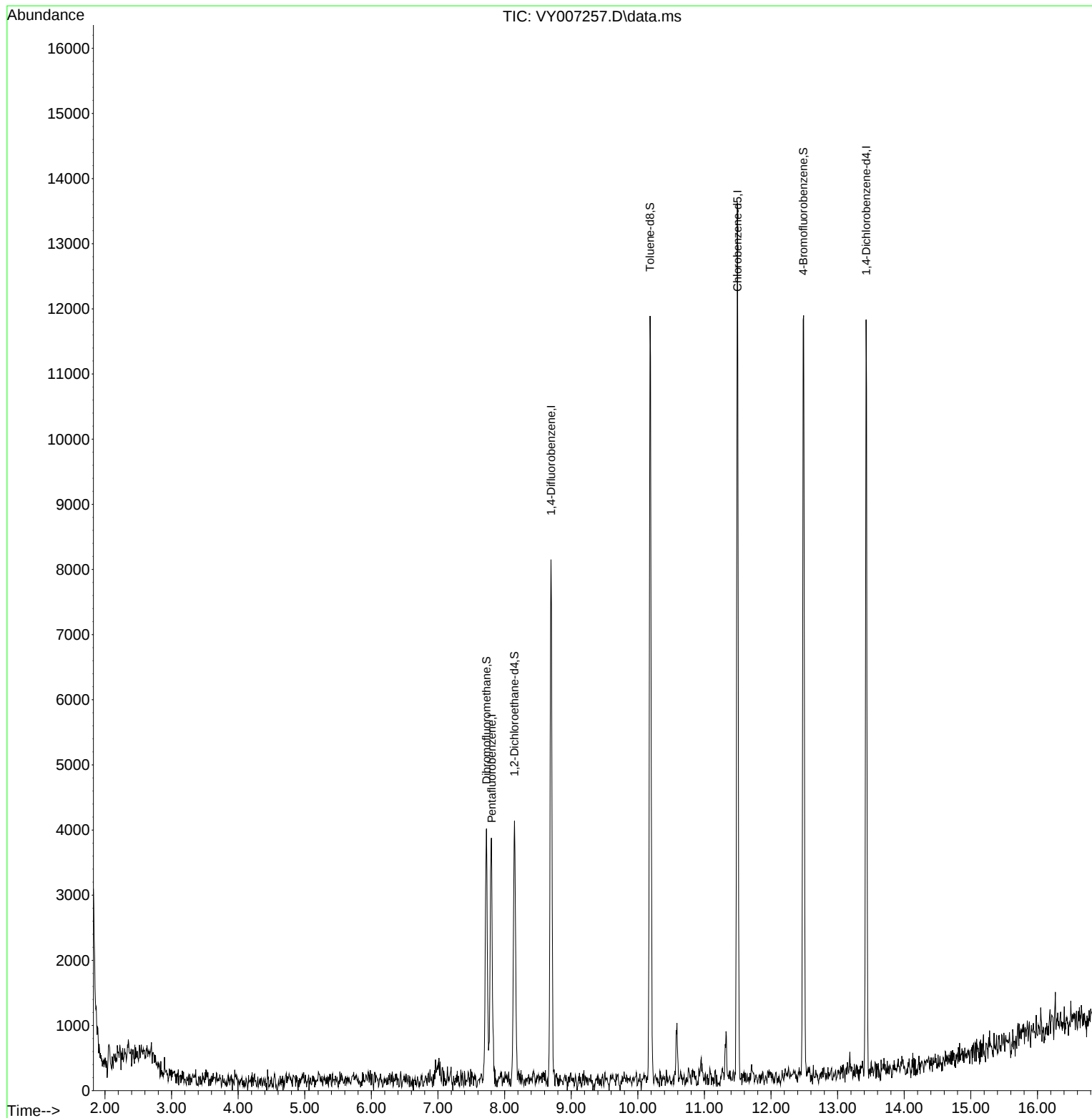
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012122\  
Data File : VY007257.D  
Acq On : 21 Jan 2022 16:52  
Operator : SY/MD  
Sample : N1235-01  
Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 11 Sample Multiplier: 1

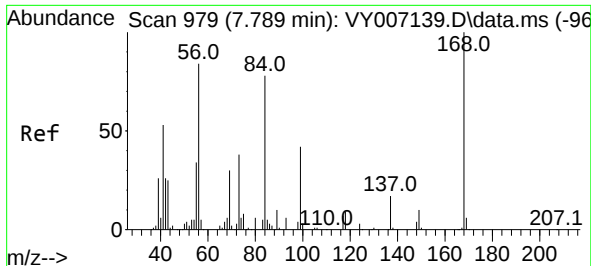
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

Quant Time: Jan 22 00:24:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 14 05:48:29 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

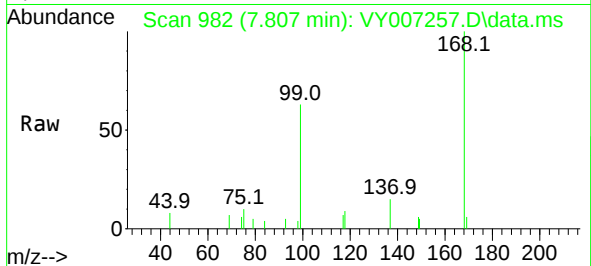
Reviewed By :John Carlone 01/24/2022  
Supervised By :Mahesh Dadoda 01/24/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.807 min Scan# 90  
Delta R.T. 0.018 min  
Lab File: VY007257.D  
Acq: 21 Jan 2022 16:52

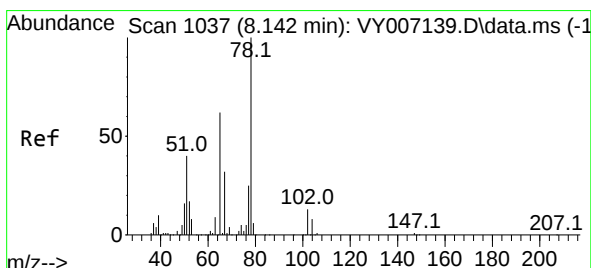
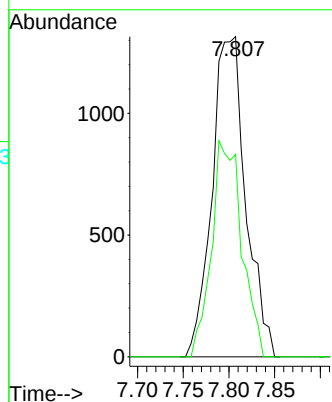
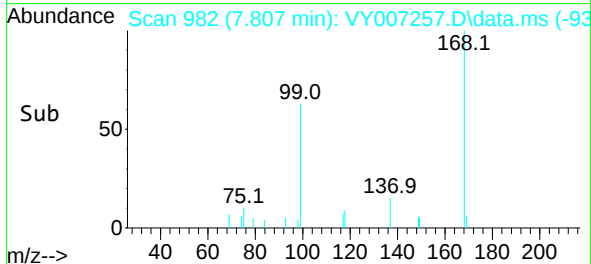
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1



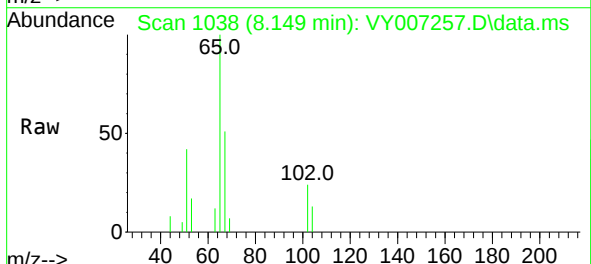
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Ion Ratio Lower Upper  
168 100  
99 63.3 49.1 73.7

Manual Integrations  
APPROVED

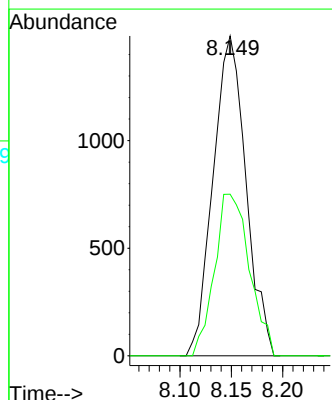
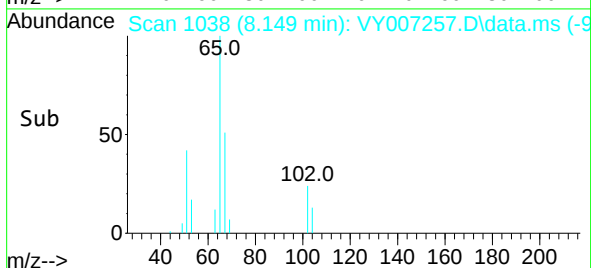
Reviewed By :John Carlone 01/24/2022  
Supervised By :Mahesh Dadoda 01/24/2022

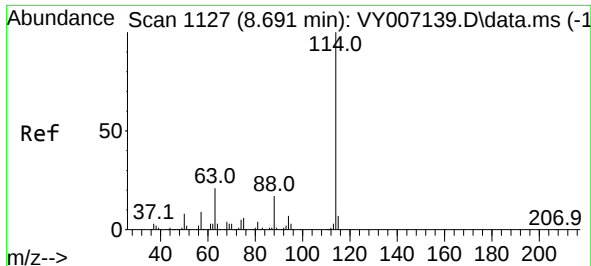


#33  
1,2-Dichloroethane-d4  
Concen: 79.617 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.007 min  
Lab File: VY007257.D  
Acq: 21 Jan 2022 16:52



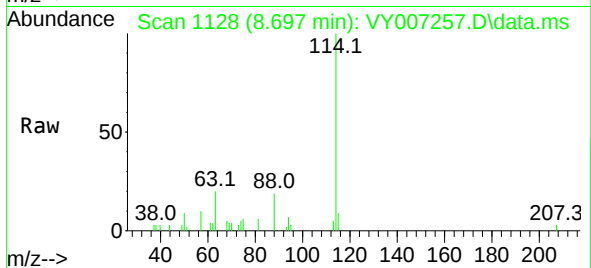
Tgt Ion: 65 Resp: 3300  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 105.6





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1127  
Delta R.T. 0.007 min  
Lab File: VY007257.D  
Acq: 21 Jan 2022 16:52

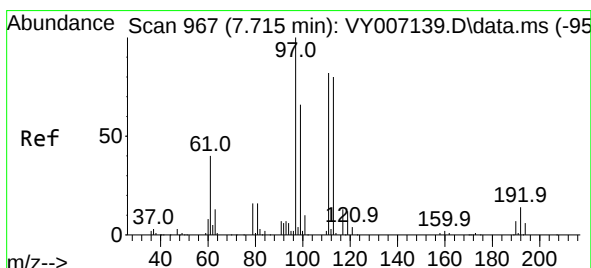
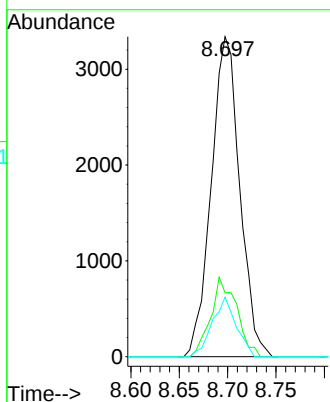
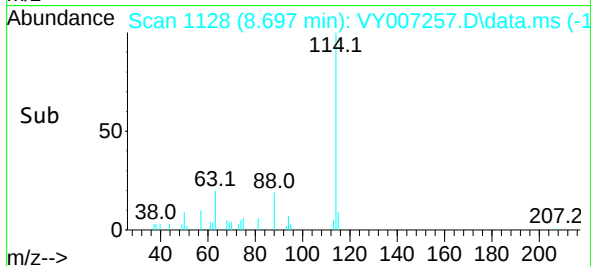
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1



Tgt Ion:114 Resp: 6838  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 39.2  
88 18.6 0.0 31.0

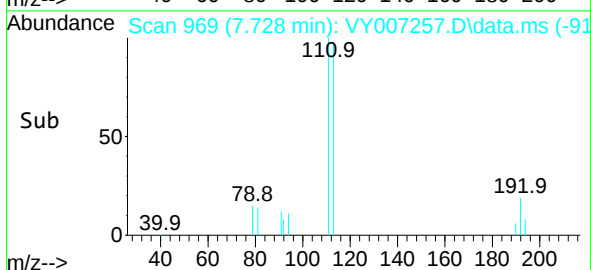
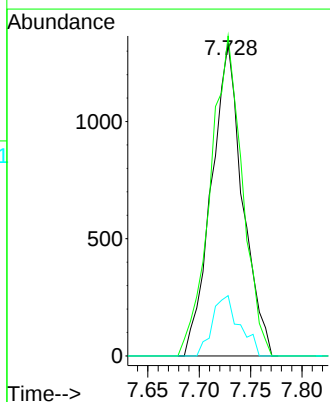
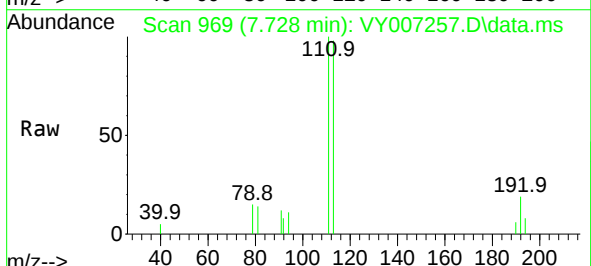
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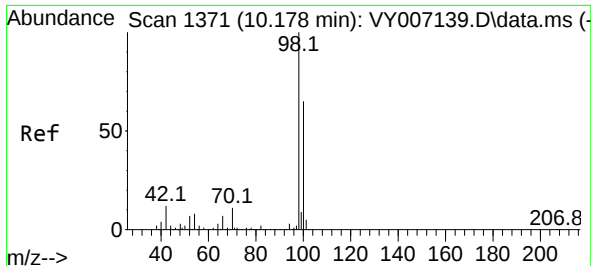
Reviewed By :John Carlone 01/24/2022  
Supervised By :Mahesh Dadoda 01/24/2022



#35  
Dibromofluoromethane  
Concen: 60.903 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.013 min  
Lab File: VY007257.D  
Acq: 21 Jan 2022 16:52

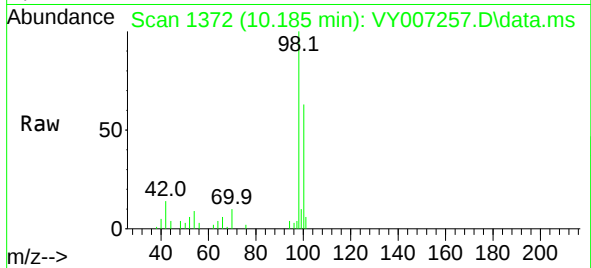
Tgt Ion:113 Resp: 2816  
Ion Ratio Lower Upper  
113 100  
111 105.2 82.2 123.4  
192 16.7 14.2 21.4





#50  
Toluene-d8  
Concen: 49.228 ug/l  
RT: 10.185 min Scan# 1371  
Delta R.T. 0.007 min  
Lab File: VY007257.D  
Acq: 21 Jan 2022 16:52

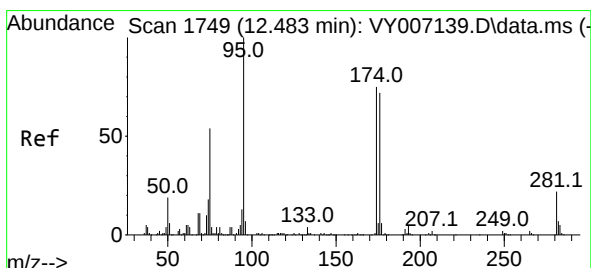
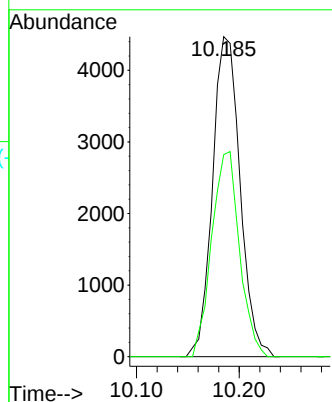
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1



Tgt Ion: 98 Resp: 831  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.2 78.2

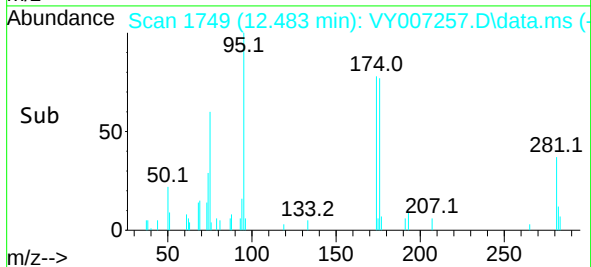
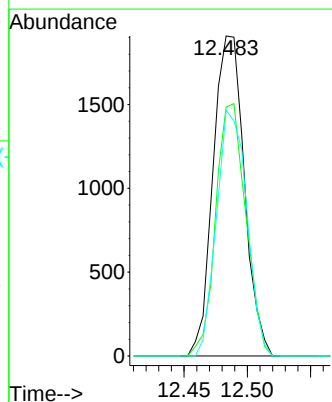
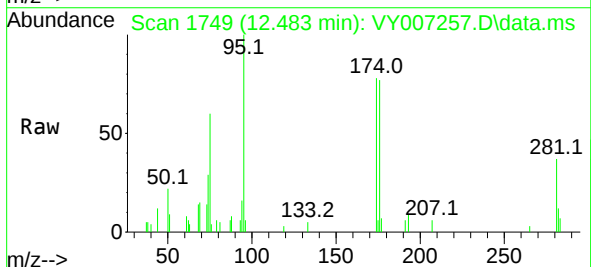
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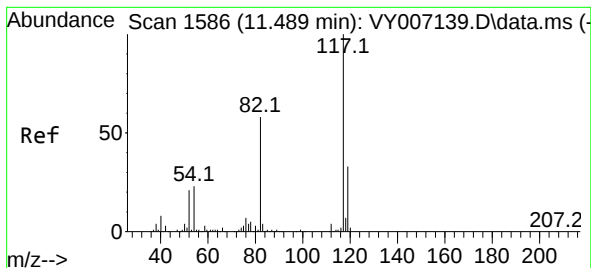
Reviewed By :John Carlone 01/24/2022  
Supervised By :Mahesh Dadoda 01/24/2022



#62  
4-Bromofluorobenzene  
Concen: 54.411 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY007257.D  
Acq: 21 Jan 2022 16:52

Tgt Ion: 95 Resp: 3270  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 148.4  
176 74.5 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007257.D

Acq: 21 Jan 2022 16:52

Instrument :

MSVOA\_Y

ClientSampleId :

TP-1

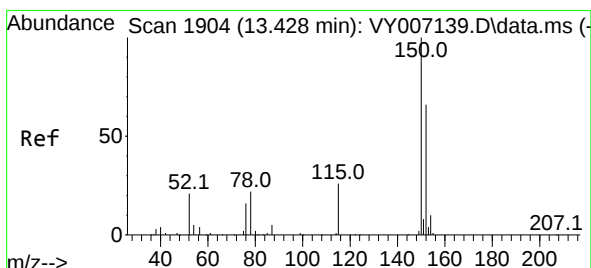
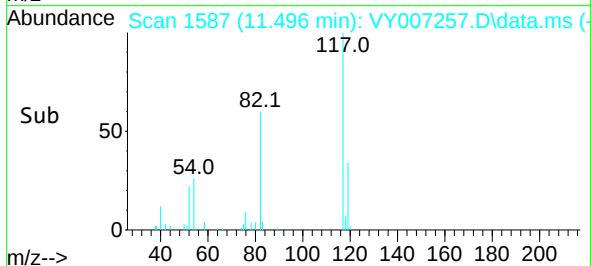
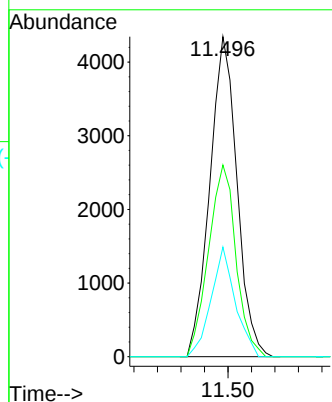
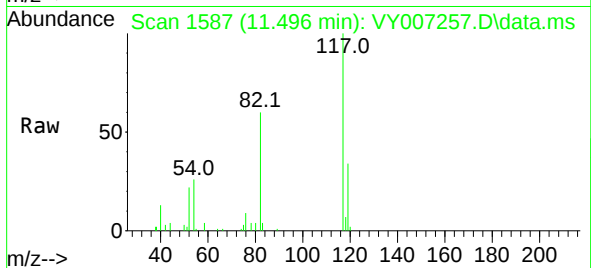
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 6994  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 59.9  | 45.4  | 68.0  |
| 119      | 34.2  | 26.4  | 39.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007257.D

Acq: 21 Jan 2022 16:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 2882  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 62.3  | 31.4  | 94.0  |
| 150      | 156.9 | 0.0   | 348.4 |

