

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100924\  
 Data File : VY019838.D  
 Acq On : 09 Oct 2024 17:27  
 Operator : SY/MD  
 Sample : P4343-01  
 Misc : 4.99g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EO-03-100724

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 10/10/2024  
 Supervised By :Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 05:40:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 10 05:30:07 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.707  | 168   | 1330     | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.622  | 114   | 2122     | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.426 | 117   | 886      | 50.000   | ug/l  | 0.01      |
| 72) 1,4-Dichlorobenzene-d4  | 13.353 | 152   | 325      | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 1196     | 73.033   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 146.060%  |
| 35) Dibromofluoromethane    | 7.640  | 113   | 1047     | 74.770   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 149.540%# |
| 50) Toluene-d8              | 10.115 | 98    | 1591m    | 30.767   | ug/l  | 0.01      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 61.540%   |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 380      | 20.338   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =     | 40.680%   |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

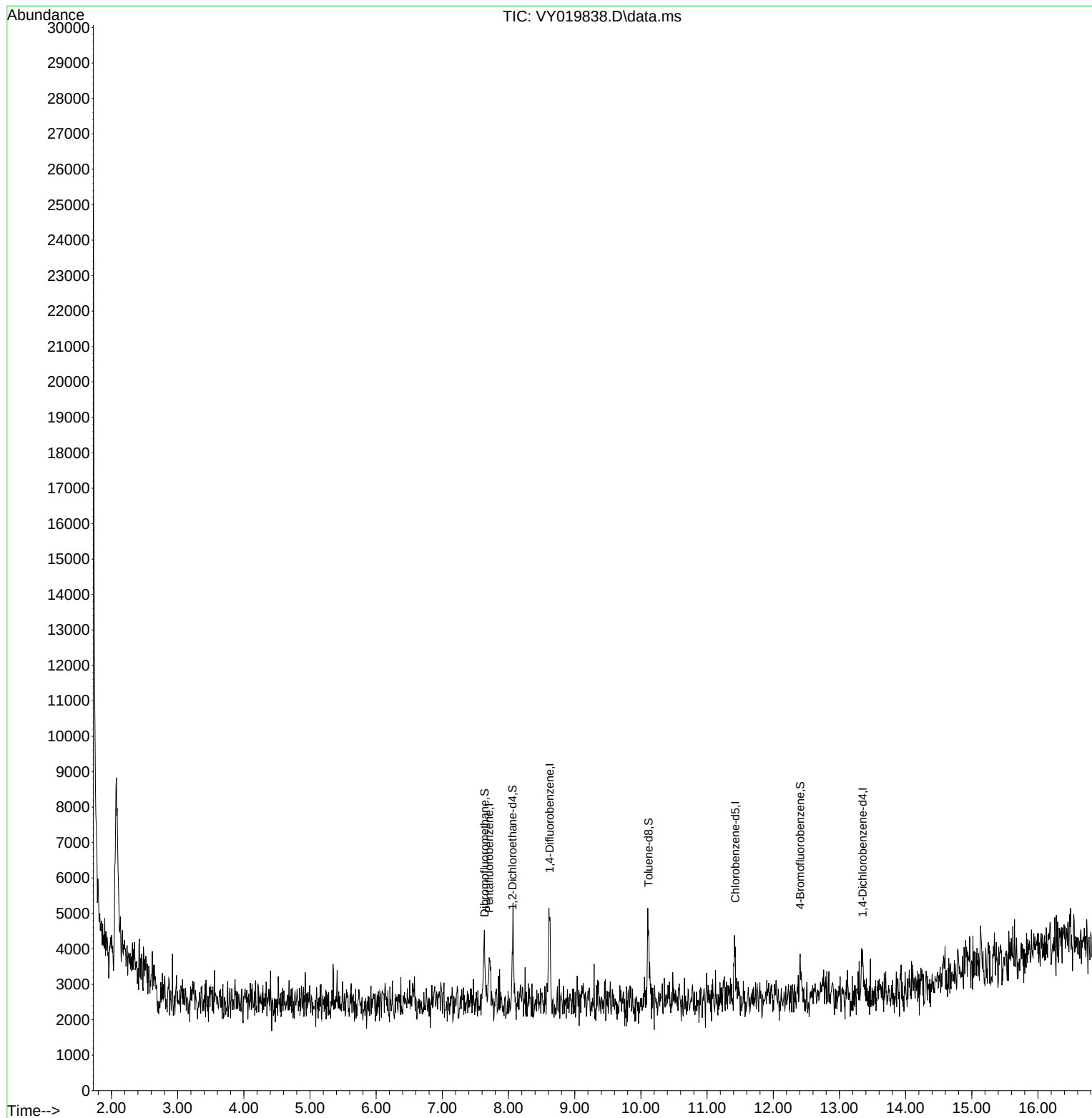
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100924\  
Data File : VY019838.D  
Acq On : 09 Oct 2024 17:27  
Operator : SY/MD  
Sample : P4343-01  
Misc : 4.99g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 14 Sample Multiplier: 1

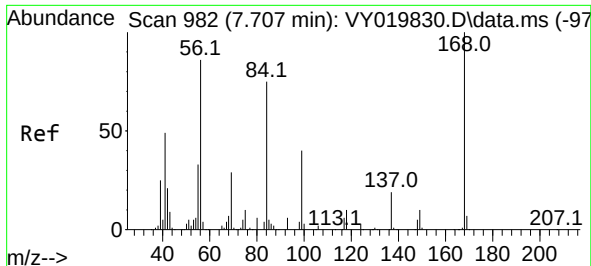
Instrument :  
MSVOA\_Y  
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EO-03-100724

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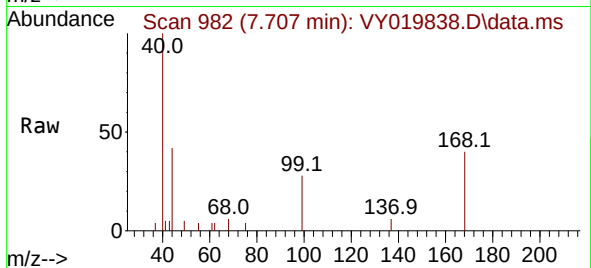
Quant Time: Oct 10 05:40:35 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 10 05:30:07 2024  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: VY019838.D  
Acq: 09 Oct 2024 17:27

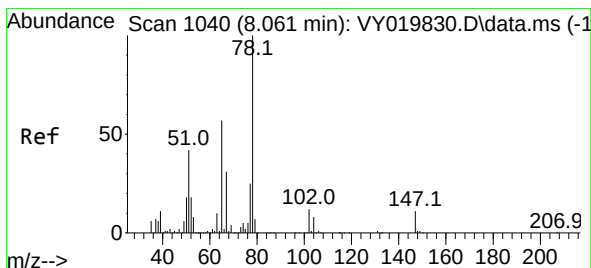
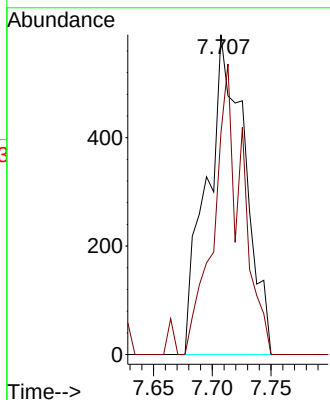
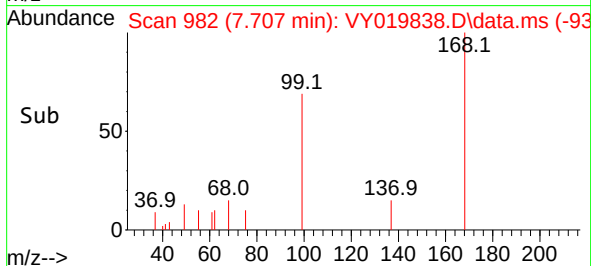
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-100724



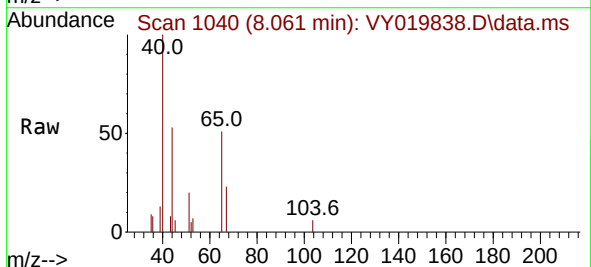
Tgt Ion:168 Resp: 1330  
Ion Ratio Lower Upper  
168 100  
99 69.2 52.6 78.8

Manual Integrations  
APPROVED

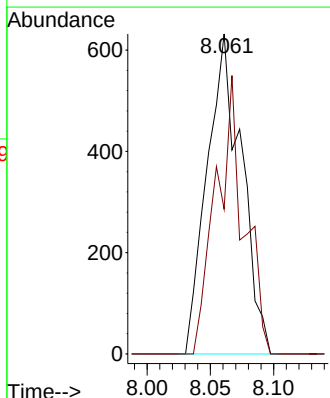
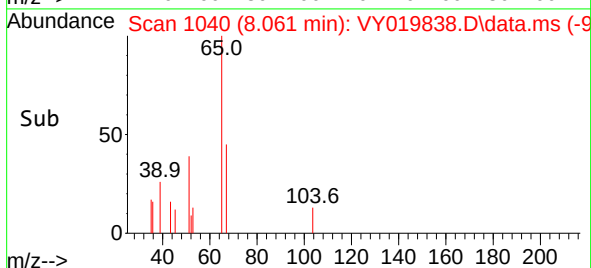
Reviewed By :Romaben Patel 10/10/2024  
Supervised By :Mahesh Dadoda 10/10/2024

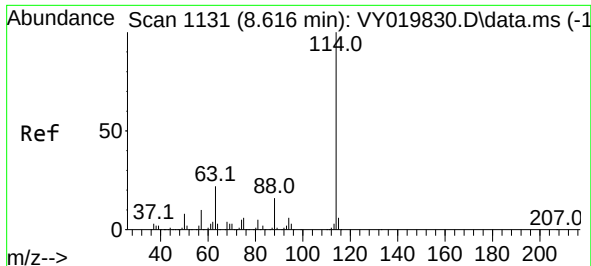


#33  
1,2-Dichloroethane-d4  
Concen: 73.033 ug/l  
RT: 8.061 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY019838.D  
Acq: 09 Oct 2024 17:27



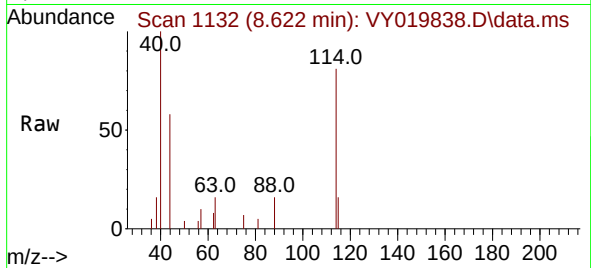
Tgt Ion: 65 Resp: 1196  
Ion Ratio Lower Upper  
65 100  
67 70.7 0.0 105.0





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.622 min Scan# 1131  
Delta R.T. 0.006 min  
Lab File: VY019838.D  
Acq: 09 Oct 2024 17:27

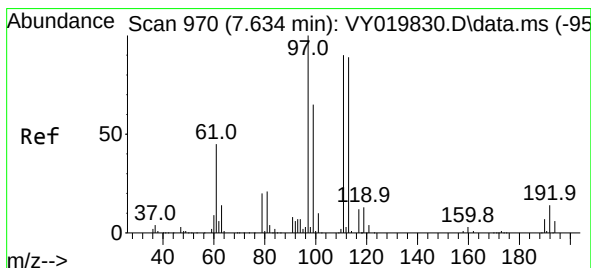
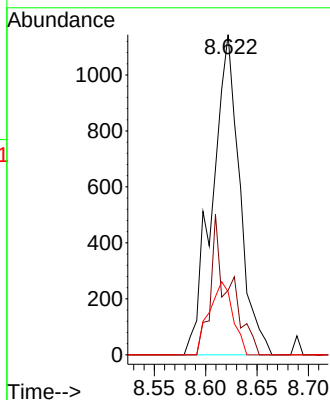
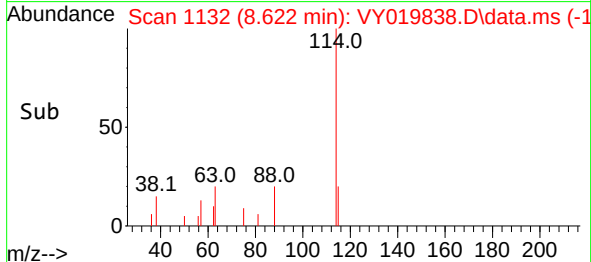
Instrument :  
MSVOA\_Y  
ClientSampleId :  
EO-03-100724



Tgt Ion:114 Resp: 212  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 43.8  
88 19.7 0.0 32.0

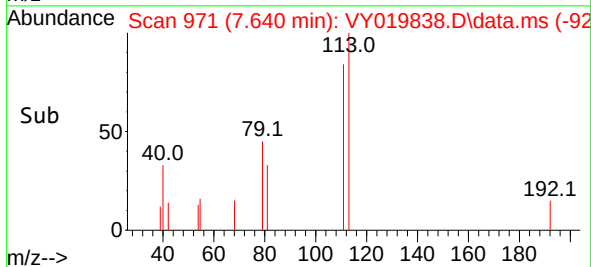
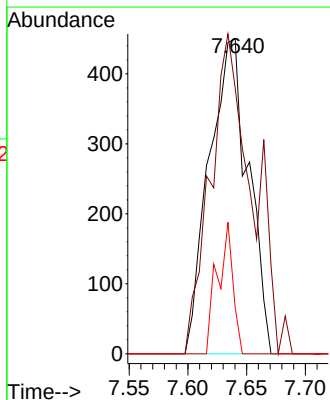
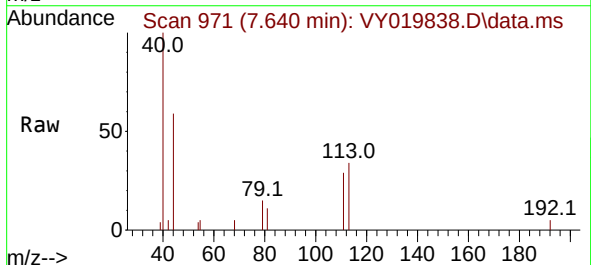
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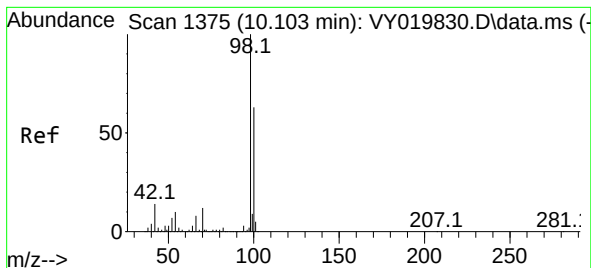
Reviewed By :Romaben Patel 10/10/2024  
Supervised By :Mahesh Dadoda 10/10/2024



#35  
Dibromofluoromethane  
Concen: 74.770 ug/l  
RT: 7.640 min Scan# 971  
Delta R.T. 0.006 min  
Lab File: VY019838.D  
Acq: 09 Oct 2024 17:27

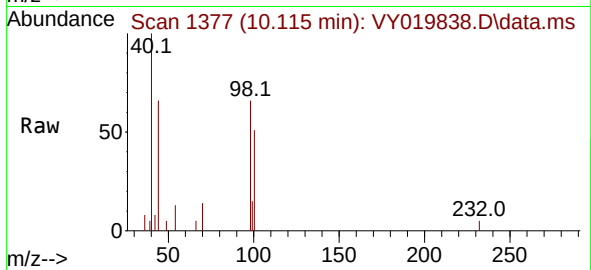
Tgt Ion:113 Resp: 1047  
Ion Ratio Lower Upper  
113 100  
111 108.5 82.9 124.3  
192 16.6 13.6 20.4





#50  
Toluene-d8  
Concen: 30.767 ug/l m  
RT: 10.115 min Scan# 1377  
Delta R.T. 0.012 min  
Lab File: VY019838.D  
Acq: 09 Oct 2024 17:27

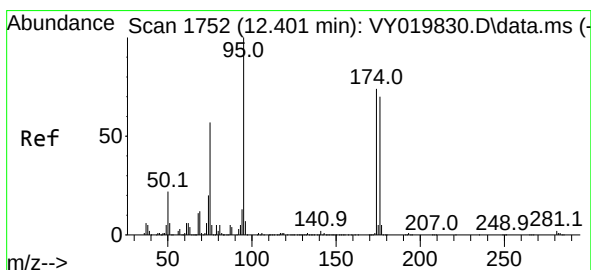
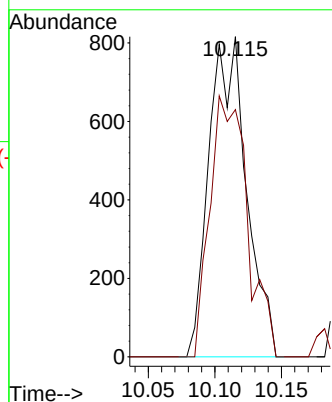
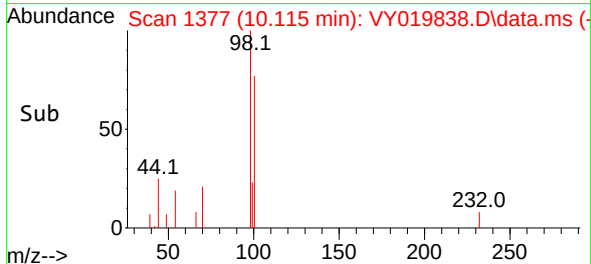
Instrument :  
MSVOA\_Y  
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Tgt Ion: 98 Resp: 159  
Ion Ratio Lower Upper  
98 100  
100 2.8 51.1 76.7

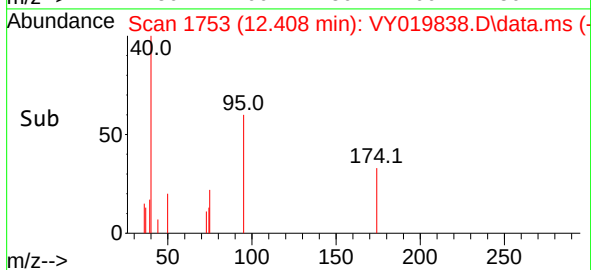
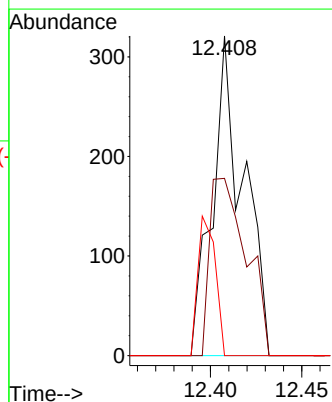
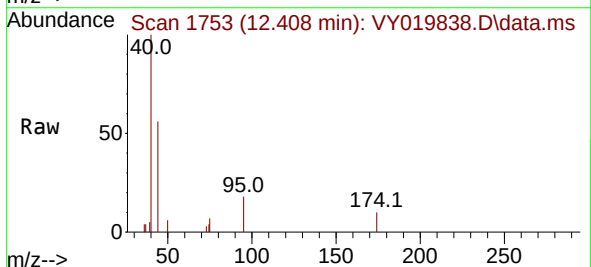
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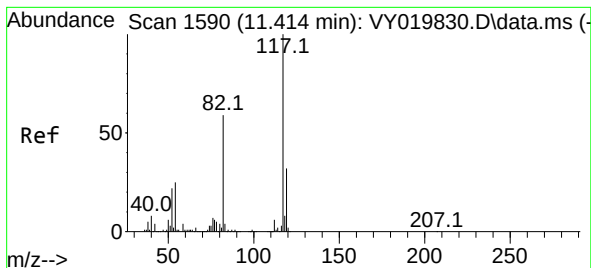
Reviewed By :Romaben Patel 10/10/2024  
Supervised By :Mahesh Dadoda 10/10/2024



#62  
4-Bromofluorobenzene  
Concen: 20.338 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: VY019838.D  
Acq: 09 Oct 2024 17:27

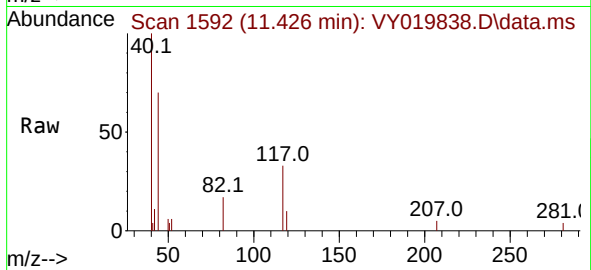
Tgt Ion: 95 Resp: 380  
Ion Ratio Lower Upper  
95 100  
174 65.8 0.0 148.0  
176 24.5 0.0 142.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.426 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY019838.D  
Acq: 09 Oct 2024 17:27

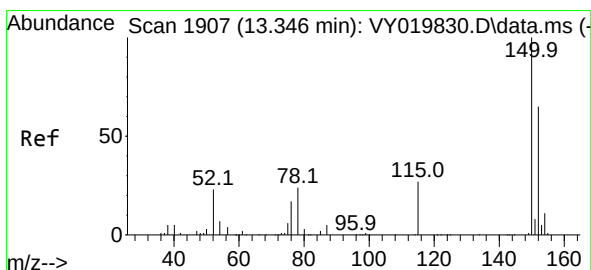
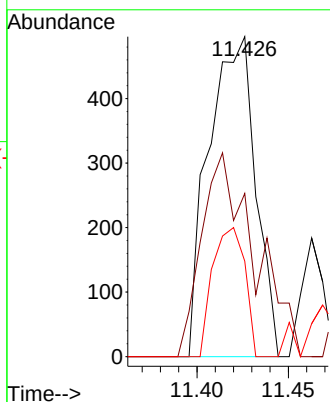
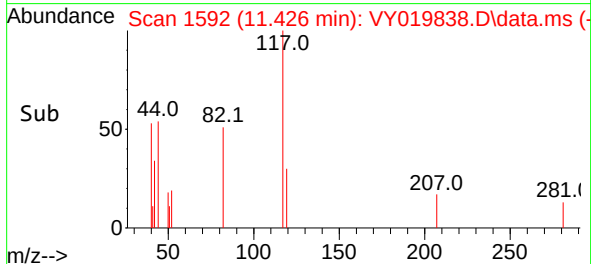
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MSVOA\_Y  
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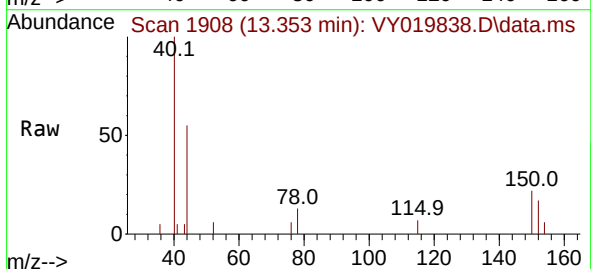
Tgt Ion:117 Resp: 880  
Ion Ratio Lower Upper  
117 100  
82 51.0 46.9 70.3  
119 29.8 25.4 38.2

Manual Integrations  
APPROVED

Reviewed By :Romaben Patel 10/10/2024  
Supervised By :Mahesh Dadoda 10/10/2024



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.353 min Scan# 1908  
Delta R.T. 0.006 min  
Lab File: VY019838.D  
Acq: 09 Oct 2024 17:27



Tgt Ion:152 Resp: 325  
Ion Ratio Lower Upper  
152 100  
115 66.5 30.8 92.3  
150 176.9 0.0 352.8

