

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD070924\  
 Data File : VD079362.D  
 Acq On : 09 Jul 2024 15:35  
 Operator : RP/MD  
 Sample : P3159-01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL/B  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SU-04-070324

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/10/2024  
 Supervised By :Semsettin Yesilyurt 07/10/2024

Quant Time: Jul 09 16:54:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D070824S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 17:06:59 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|--------|----------------|----------|--------|----------|----------|
| -----                       |        |                |          |        |          |          |
| Internal Standards          |        |                |          |        |          |          |
| 1) Pentafluorobenzene       | 7.863  | 168            | 542      | 50.000 | ug/l     | #-0.01   |
| 34) 1,4-Difluorobenzene     | 8.769  | 114            | 1917     | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 11.575 | 117            | 1366     | 50.000 | ug/l     | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4  | 13.516 | 152            | 70       | 50.000 | ug/l     | # 0.00   |
| System Monitoring Compounds |        |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65             | 557      | 87.206 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | =      | 174.420% | #        |
| 35) Dibromofluoromethane    | 7.793  | 113            | 703m     | 51.982 | ug/l     | -0.01    |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | =      | 103.960% |          |
| 50) Toluene-d8              | 10.275 | 98             | 1789     | 34.316 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 58 - 134 | Recovery | =      | 68.640%  |          |
| 62) 4-Bromofluorobenzene    | 12.569 | 95             | 404      | 24.933 | ug/l     | 0.00     |
| Spiked Amount               | 50.000 | Range 30 - 143 | Recovery | =      | 49.860%  |          |
| Target Compounds            |        |                |          |        |          |          |
|                             |        |                |          |        | Qvalue   |          |
| 20) Methylene Chloride      | 4.793  | 84             | 294      | 26.587 | ug/l #   | 46       |
| -----                       |        |                |          |        |          |          |

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

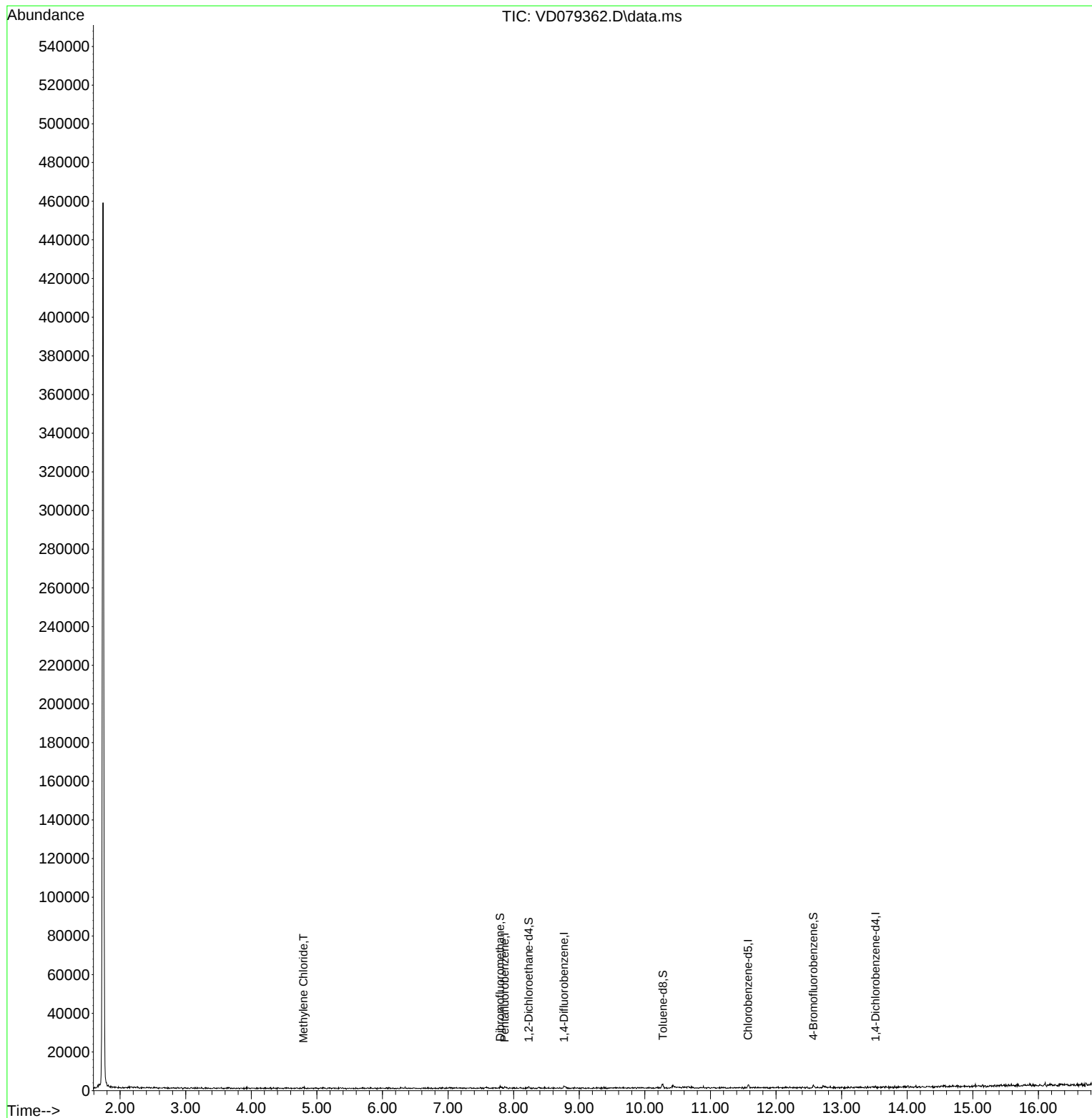
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD070924\  
Data File : VD079362.D  
Acq On : 09 Jul 2024 15:35  
Operator : RP/MD  
Sample : P3159-01  
Misc : 5.00G/5.0ml/MSVOA\_D/SOIL/B  
ALS Vial : 8 Sample Multiplier: 1

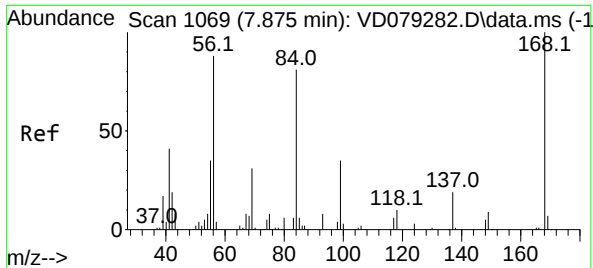
Instrument :  
MSVOA\_D  
ClientSampleId :  
SU-04-070324

Quant Time: Jul 09 16:54:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D070824S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 08 17:06:59 2024  
Response via : Initial Calibration

Manual Integrations  
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Supervised By :Semsettin Yesilyurt 07/10/2024





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.863 min Scan# 1069  
Delta R.T. -0.012 min  
Lab File: VD079362.D  
Acq: 09 Jul 2024 15:35

Instrument :

MSVOA\_D

ClientSampleId :

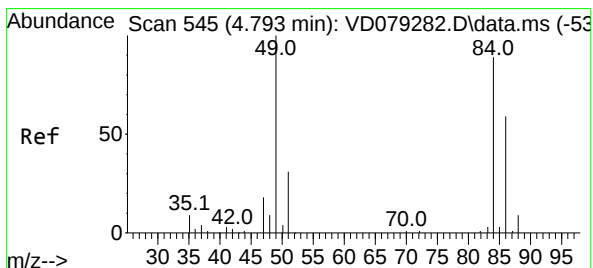
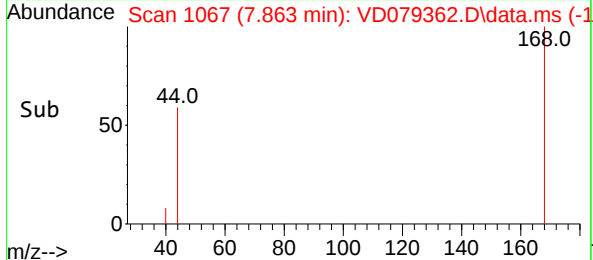
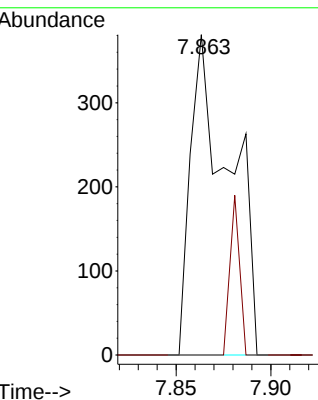
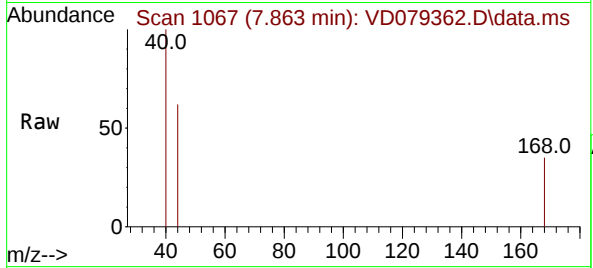
SU-04-070324

Tgt Ion:168 Resp: 542  
Ion Ratio Lower Upper  
168 100  
99 0.0 41.1 61.7

Manual Integrations

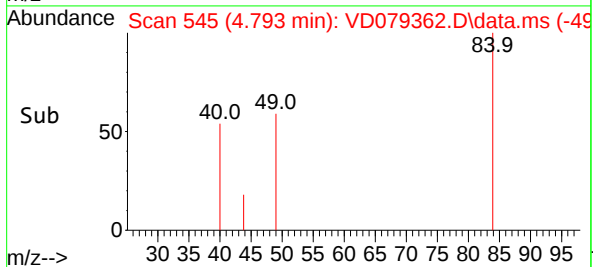
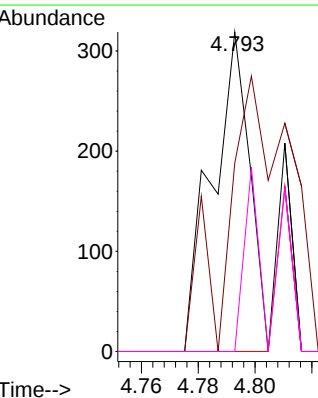
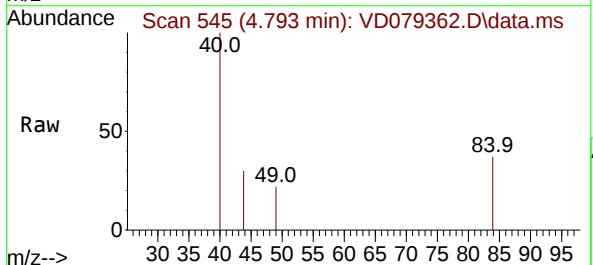
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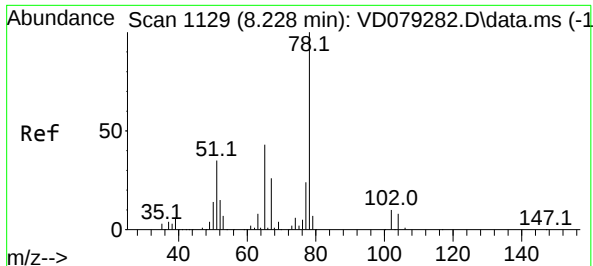
Reviewed By :Mahesh Dadoda 07/10/2024  
Supervised By :Semsettin Yesilyurt 07/10/2024



#20  
Methylene Chloride  
Concen: 26.587 ug/l  
RT: 4.793 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: VD079362.D  
Acq: 09 Jul 2024 15:35

Tgt Ion: 84 Resp: 294  
Ion Ratio Lower Upper  
84 100  
49 58.9 75.6 113.4#  
51 0.0 24.2 36.2#  
86 0.0 49.2 73.8#





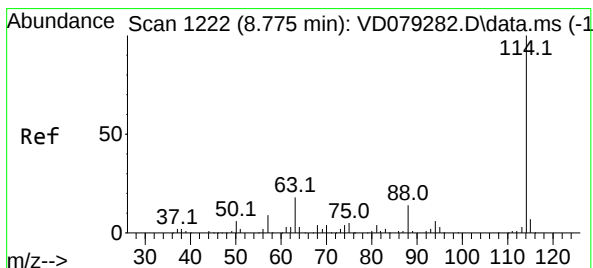
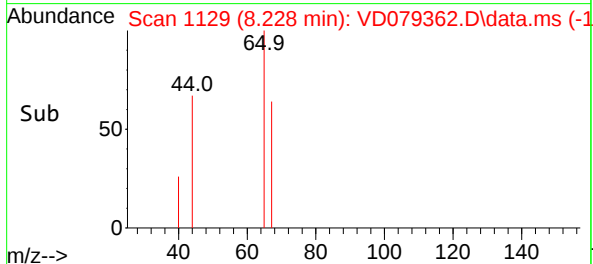
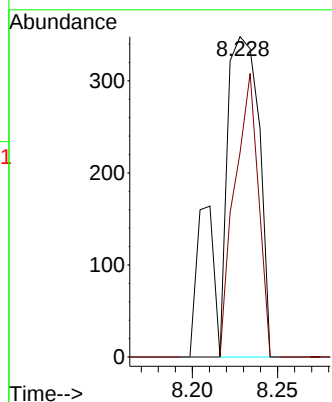
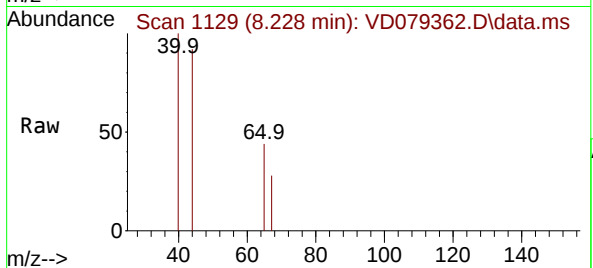
#33  
1,2-Dichloroethane-d4  
Concen: 87.206 ug/l  
RT: 8.228 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VD079362.D  
Acq: 09 Jul 2024 15:35

Instrument :  
MSVOA\_D  
ClientSampleId :  
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Tgt Ion: 65 Resp: 55  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 111.0

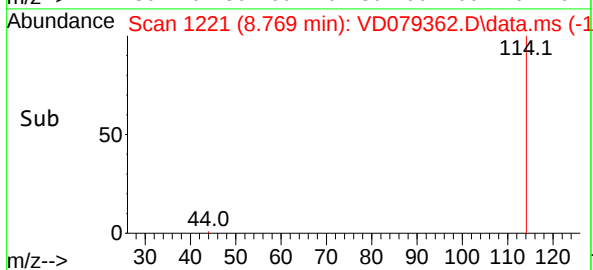
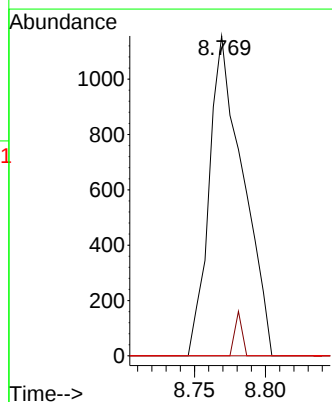
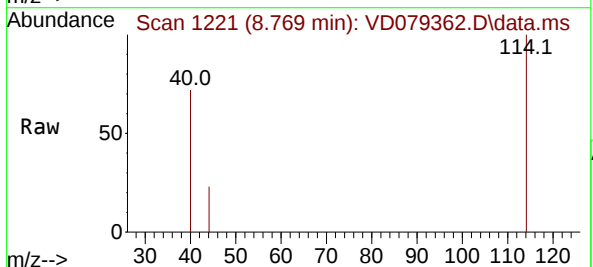
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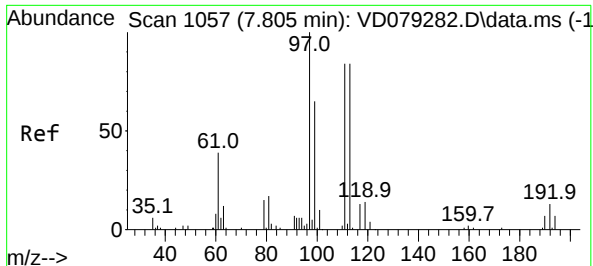
Reviewed By :Mahesh Dadoda 07/10/2024  
Supervised By :Semsettin Yesilyurt 07/10/2024



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.769 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: VD079362.D  
Acq: 09 Jul 2024 15:35

Tgt Ion:114 Resp: 1917  
Ion Ratio Lower Upper  
114 100  
63 0.0 0.0 34.0  
88 0.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.982 ug/l m

RT: 7.793 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VD079362.D

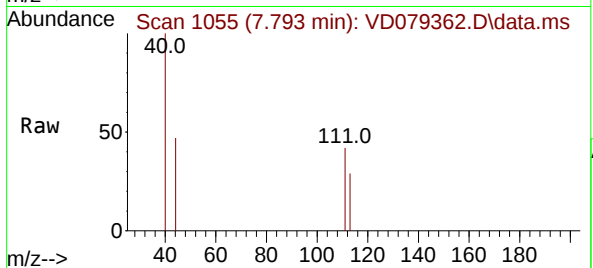
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Instrument :

MSVOA\_D

ClientSampleId :

SU-04-070324



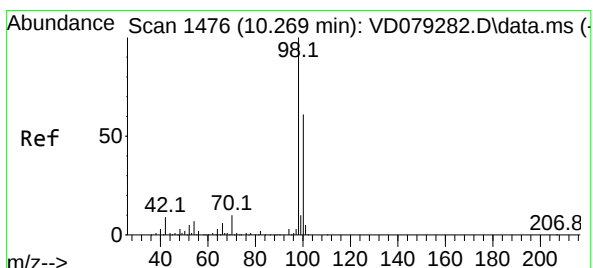
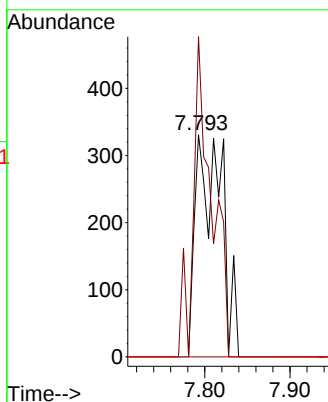
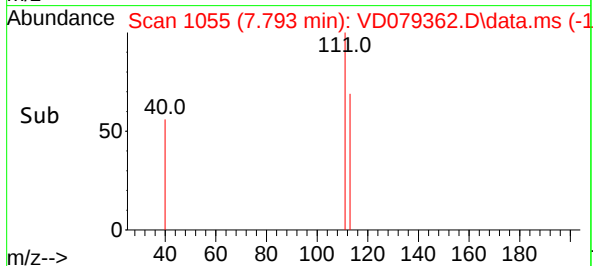
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 700   |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.4 | 84.0  | 126.0 |
| 192      | 0.0   | 15.4  | 23.0  |

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/10/2024

Supervised By :Semsettin Yesilyurt 07/10/2024



#50

Toluene-d8

Concen: 34.316 ug/l

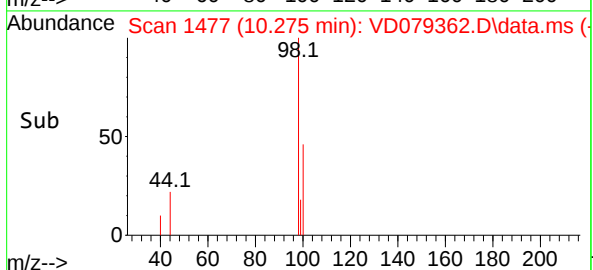
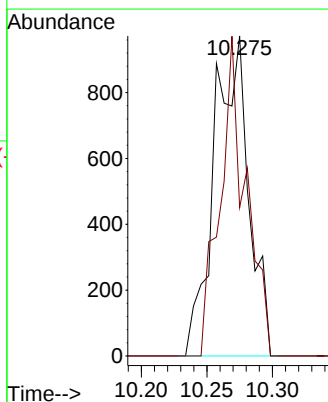
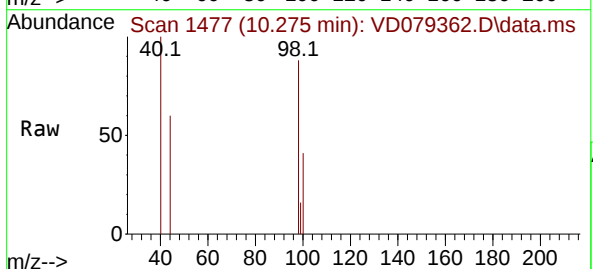
RT: 10.275 min Scan# 1477

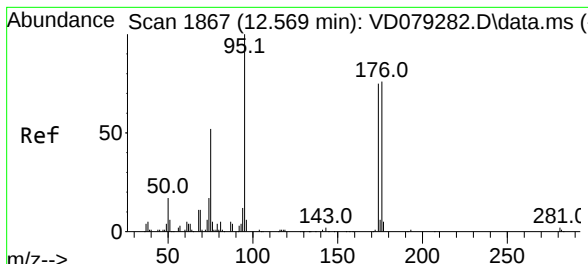
Delta R.T. 0.006 min

Lab File: VD079362.D

Acq: 09 Jul 2024 15:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 98    | Resp: | 1789  |
| Ion      | Ratio | Lower | Upper |
| 98       | 100   |       |       |
| 100      | 74.6  | 51.6  | 77.4  |





#62  
 4-Bromofluorobenzene  
 Concen: 24.933 ug/l  
 RT: 12.569 min Scan# 1867  
 Delta R.T. -0.000 min  
 Lab File: VD079362.D  
 Acq: 09 Jul 2024 15:35

Instrument :

MSVOA\_D

ClientSampleId :

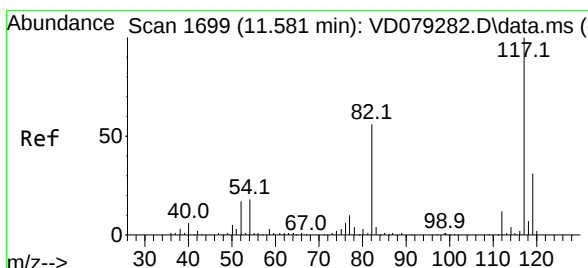
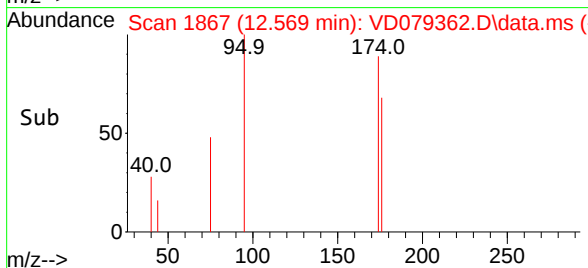
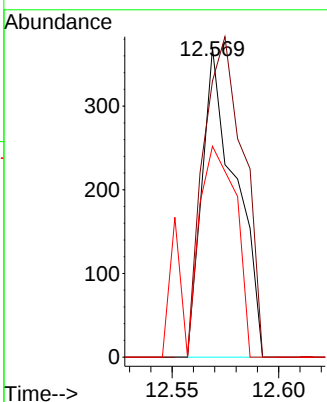
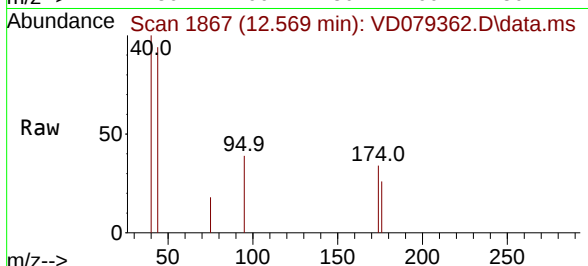
SU-04-070324

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 404   |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 124.0 | 0.0   | 195.4 |
| 176      | 88.9  | 0.0   | 192.6 |

Manual Integrations

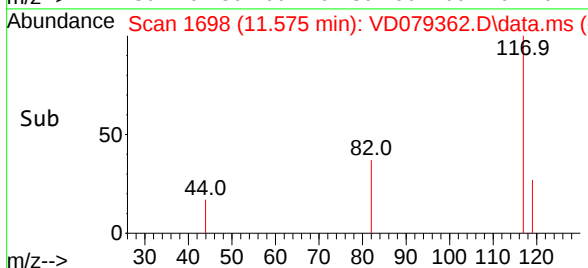
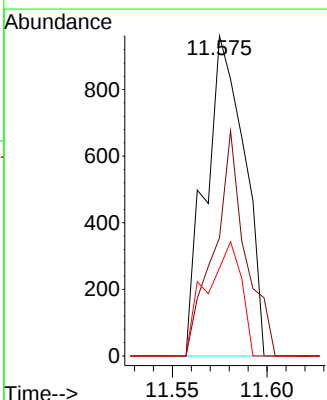
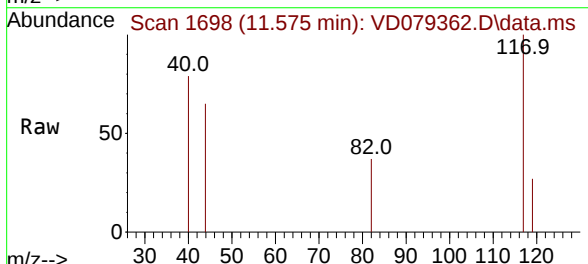
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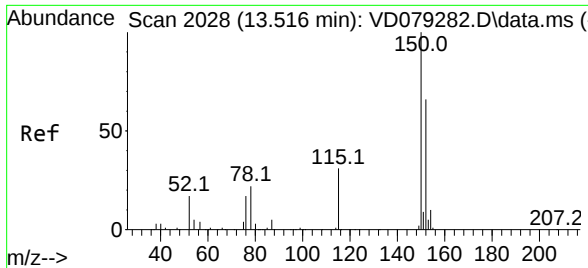
Reviewed By :Mahesh Dadoda 07/10/2024  
 Supervised By :Semsettin Yesilyurt 07/10/2024



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.575 min Scan# 1698  
 Delta R.T. -0.006 min  
 Lab File: VD079362.D  
 Acq: 09 Jul 2024 15:35

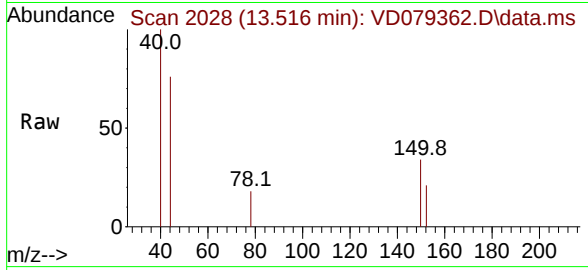
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 1366  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 36.9  | 39.8  | 59.6# |
| 119      | 27.5  | 25.7  | 38.5  |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.516 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VD079362.D  
 Acq: 09 Jul 2024 15:35

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SU-04-070324



Tgt Ion:152 Resp: 70  
 Ion Ratio Lower Upper  
 152 100  
 115 0.0 26.5 79.5  
 150 441.4 0.0 341.6

Manual Integrations  
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