

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120721\  
 Data File : VD071178.D  
 Acq On : 07 Dec 2021 12:49  
 Operator : VA/SY  
 Sample : M4946-01  
 Misc : 5.03G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 COMP-5

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/08/2021  
 Supervised By :Amit Patel 12/08/2021

Quant Time: Dec 08 02:48:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D112921S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 29 17:54:09 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.973  | 168   | 358617   | 50.000   | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 619918   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 648257   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 314118   | 50.000   | ug/l   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 186881   | 44.411   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 88.820%  |
| 35) Dibromofluoromethane    | 7.909  | 113   | 190750   | 48.321   | ug/l   | -0.01    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 96.640%  |
| 50) Toluene-d8              | 10.332 | 98    | 779432   | 51.884   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 103.760% |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 314640   | 60.422   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 120.840% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.156  | 43    | 4095m    | 34.010   | ug/l   |          |
| -----                       |        |       |          |          |        |          |

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

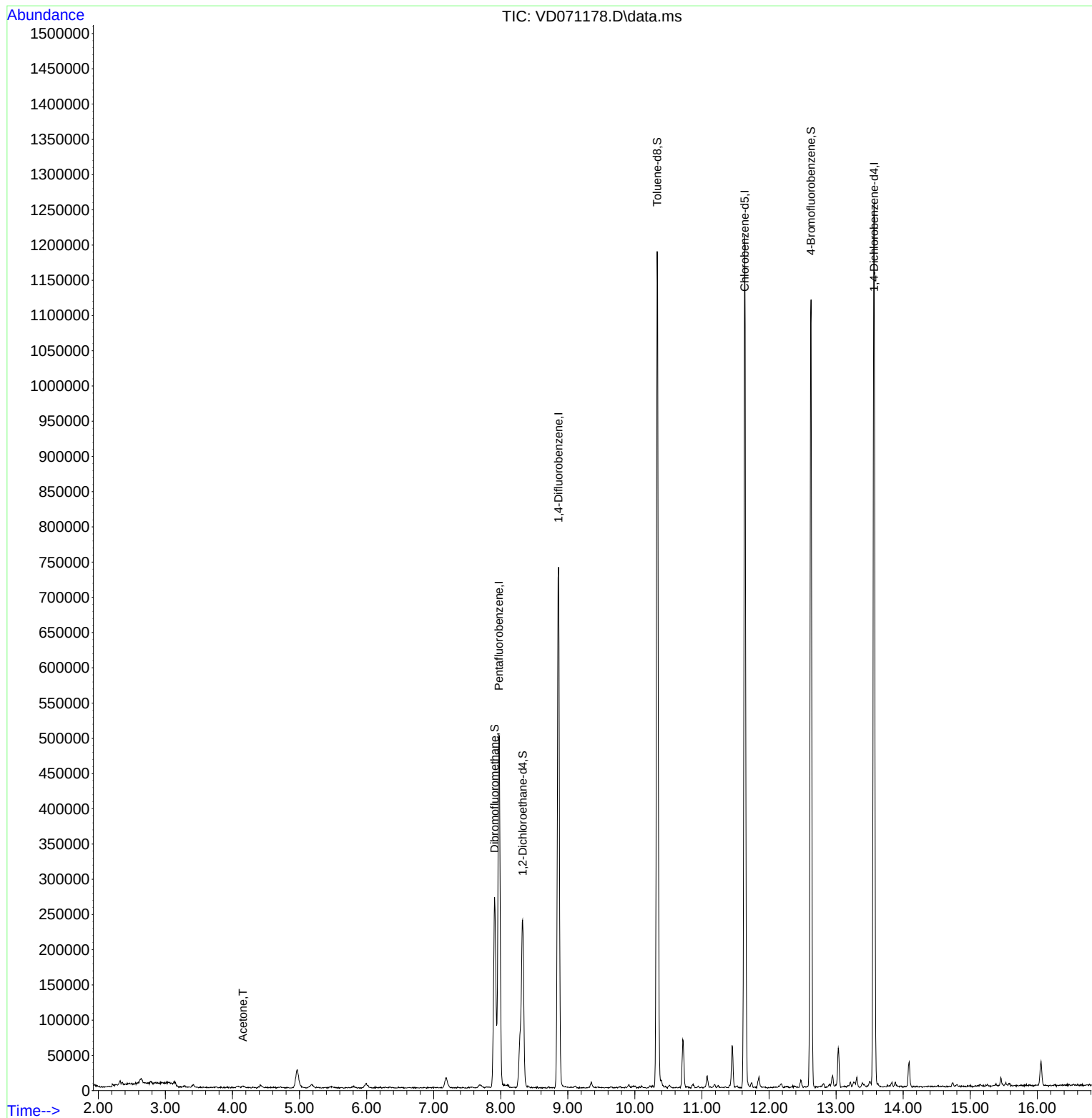
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120721\  
Data File : VD071178.D  
Acq On : 07 Dec 2021 12:49  
Operator : VA/SY  
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Misc : 5.03G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

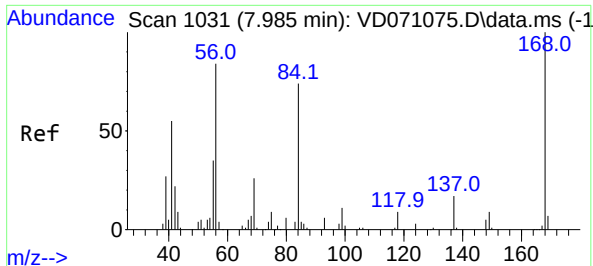
Instrument :  
MSVOA\_D  
ClientSampleId :  
COMP-5

Quant Time: Dec 08 02:48:20 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D112921S.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

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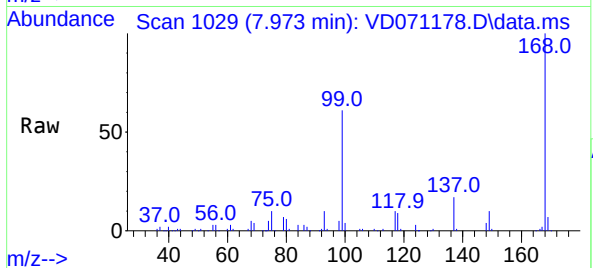
Reviewed By :Semsettin Yesilyurt 12/08/2021  
Supervised By :Amit Patel 12/08/2021





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1031  
Delta R.T. -0.012 min  
Lab File: VD071178.D  
Acq: 07 Dec 2021 12:49

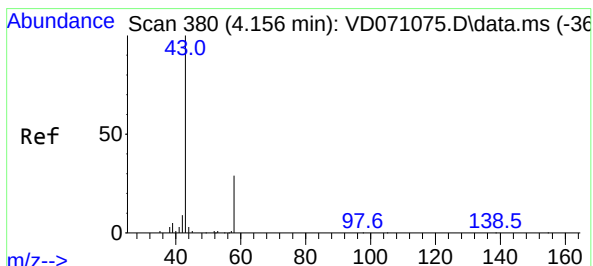
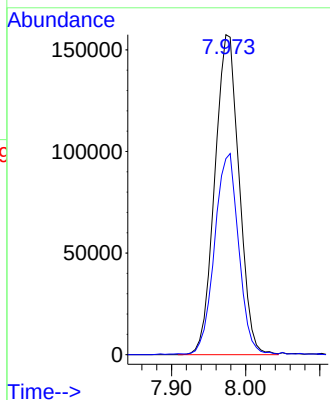
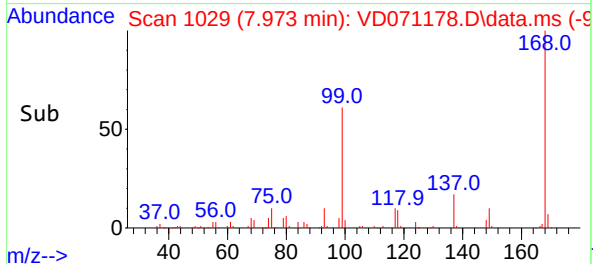
Instrument :  
MSVOA\_D  
ClientSampleId :  
COMP-5



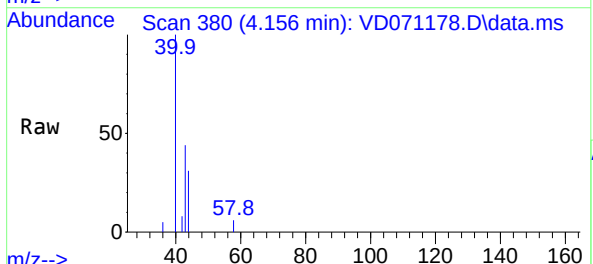
Tgt Ion:168 Resp: 35861  
Ion Ratio Lower Upper  
168 100  
99 61.0 46.6 69.8

Manual Integrations  
APPROVED

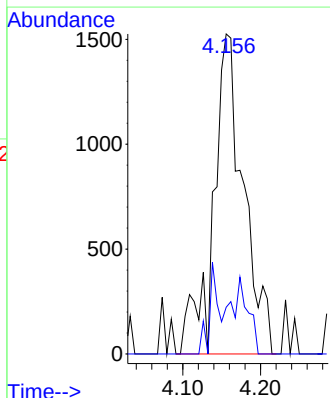
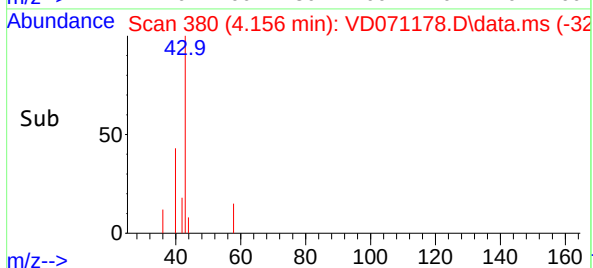
Reviewed By :Semsettin Yesilyurt 12/08/2021  
Supervised By :Amit Patel 12/08/2021

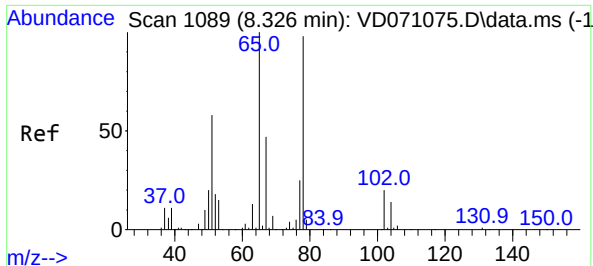


#16  
Acetone  
Concen: 34.010 ug/l m  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD071178.D  
Acq: 07 Dec 2021 12:49



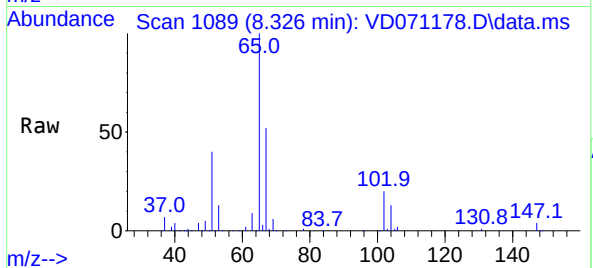
Tgt Ion: 43 Resp: 4095  
Ion Ratio Lower Upper  
43 100  
58 14.6 27.8 41.8#





#33  
1,2-Dichloroethane-d4  
Concen: 44.411 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD071178.D  
Acq: 07 Dec 2021 12:49

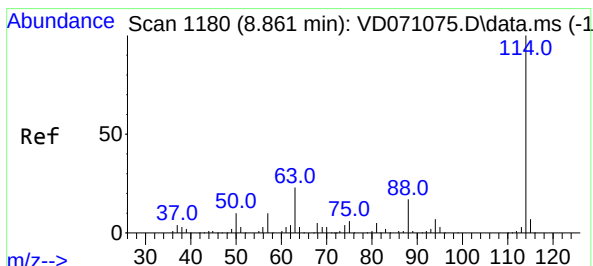
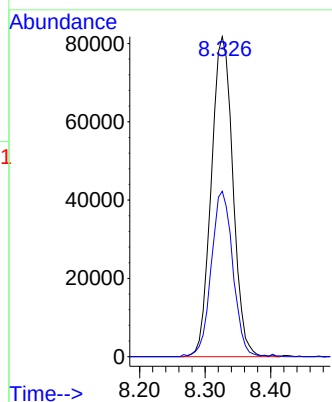
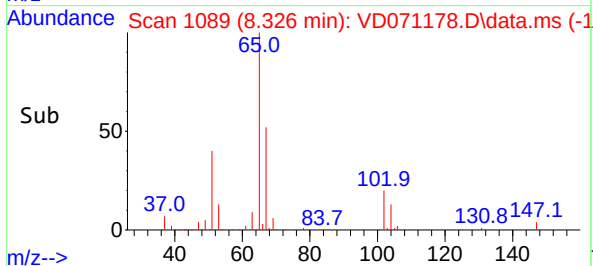
Instrument :  
MSVOA\_D  
ClientSampleId :  
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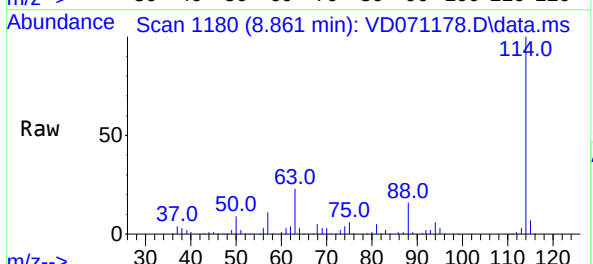
Tgt Ion: 65 Resp: 18688  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 112.2

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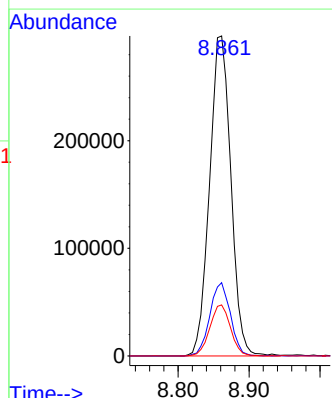
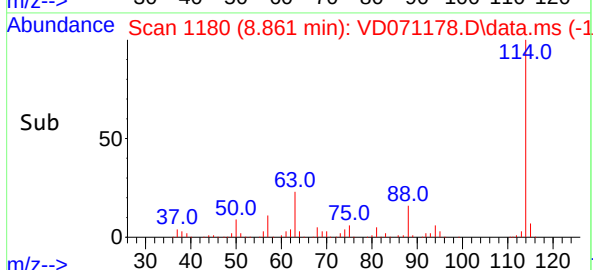
Reviewed By :Semsettin Yesilyurt 12/08/2021  
Supervised By :Amit Patel 12/08/2021

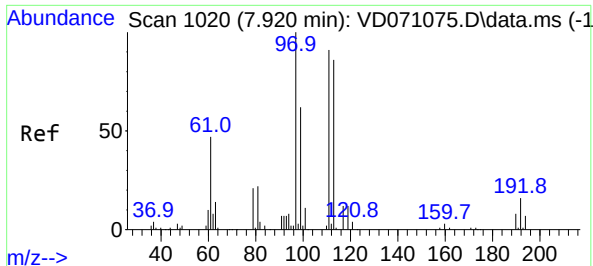


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD071178.D  
Acq: 07 Dec 2021 12:49



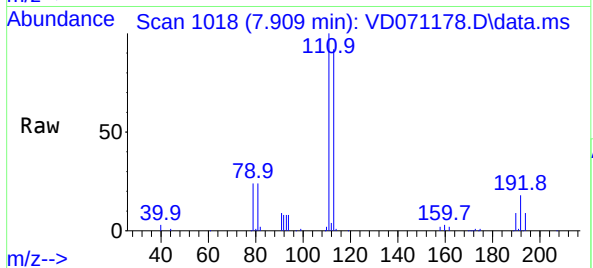
Tgt Ion:114 Resp: 619918  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 41.8  
88 15.9 0.0 32.8





#35  
Dibromofluoromethane  
Concen: 48.321 ug/l  
RT: 7.909 min Scan# 1020  
Delta R.T. -0.011 min  
Lab File: VD071178.D  
Acq: 07 Dec 2021 12:49

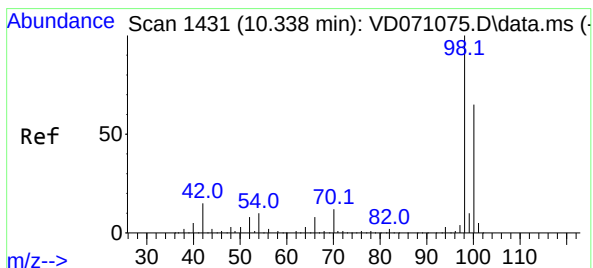
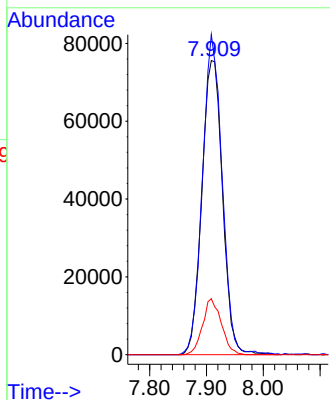
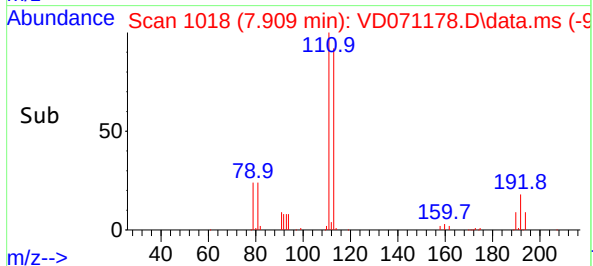
Instrument :  
MSVOA\_D  
ClientSampleId :  
COMP-5



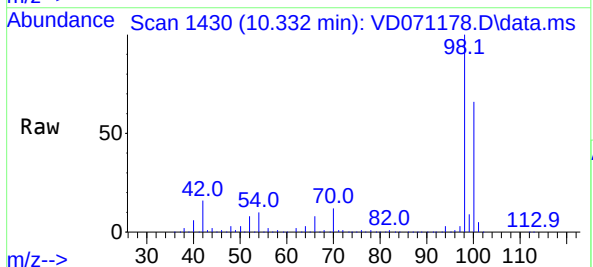
Tgt Ion:113 Resp: 190750  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.0 123.0  
192 17.2 15.2 22.8

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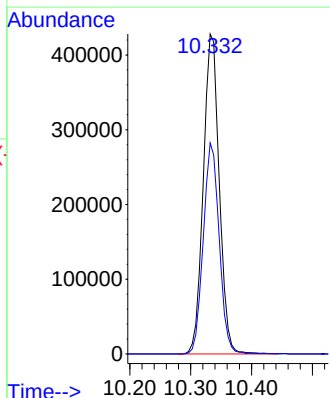
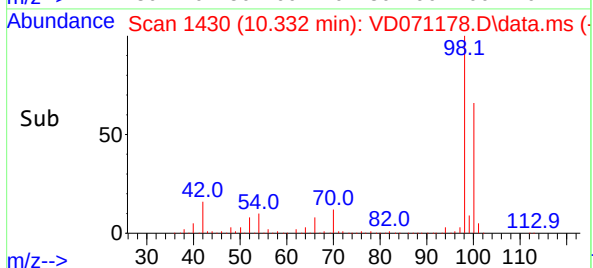
Reviewed By :Semsettin Yesilyurt 12/08/2021  
Supervised By :Amit Patel 12/08/2021

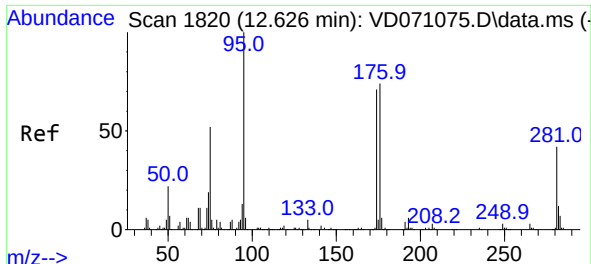


#50  
Toluene-d8  
Concen: 51.884 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD071178.D  
Acq: 07 Dec 2021 12:49



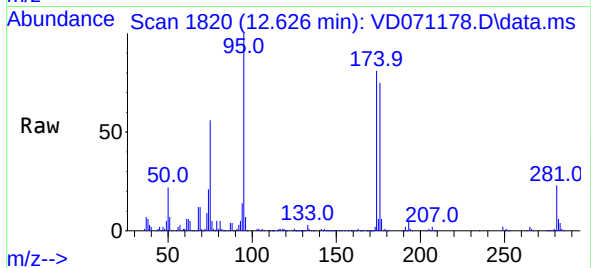
Tgt Ion: 98 Resp: 779432  
Ion Ratio Lower Upper  
98 100  
100 65.6 51.8 77.6





#62  
4-Bromofluorobenzene  
Concen: 60.422 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD071178.D  
Acq: 07 Dec 2021 12:49

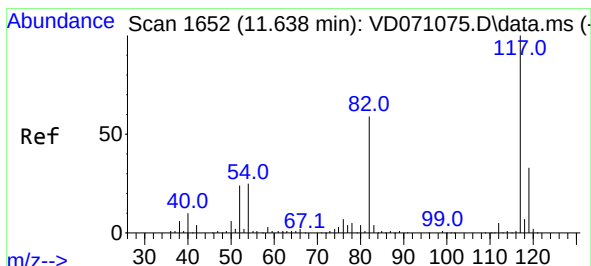
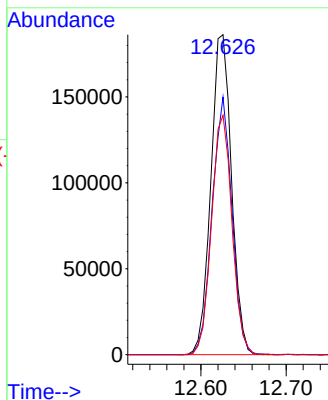
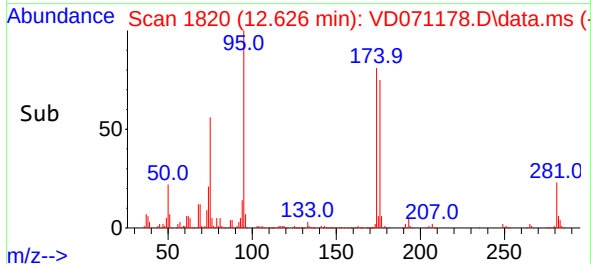
Instrument :  
MSVOA\_D  
ClientSampleId :  
COMP-5



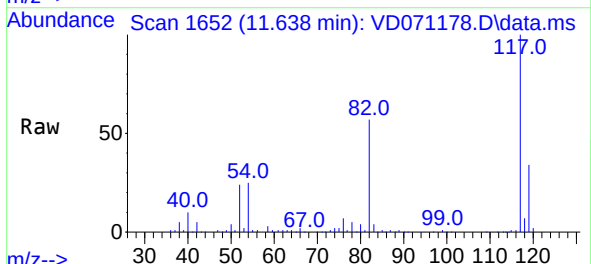
Tgt Ion: 95 Resp: 314640  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 159.4  
176 73.8 0.0 154.0

Manual Integrations  
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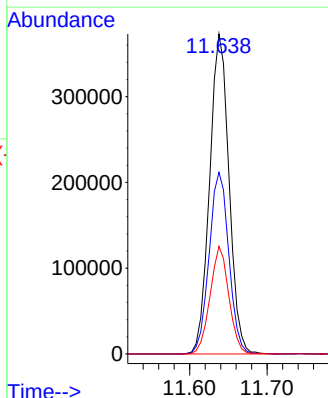
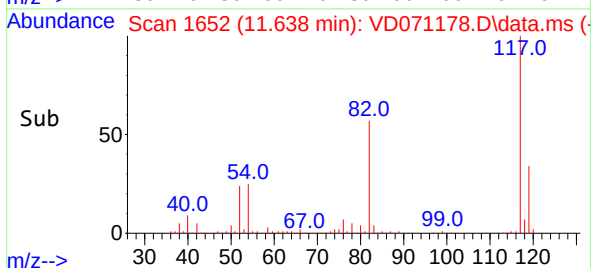
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Supervised By :Amit Patel 12/08/2021

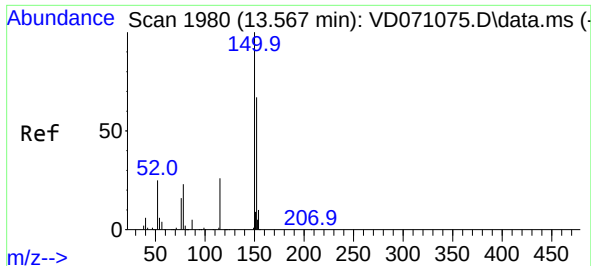


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD071178.D  
Acq: 07 Dec 2021 12:49



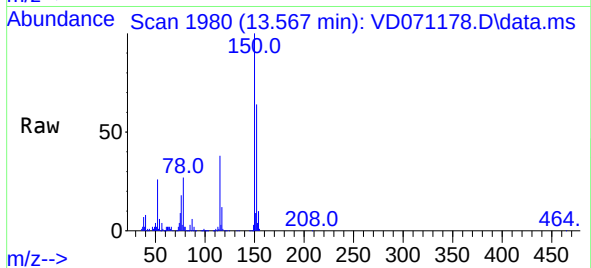
Tgt Ion:117 Resp: 648257  
Ion Ratio Lower Upper  
117 100  
82 56.7 44.7 67.1  
119 33.6 26.2 39.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.567 min Scan# 1980  
 Delta R.T. 0.000 min  
 Lab File: VD071178.D  
 Acq: 07 Dec 2021 12:49

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 COMP-5



Tgt Ion:152 Resp: 314118  
 Ion Ratio Lower Upper  
 152 100  
 115 60.3 29.8 89.3  
 150 154.2 0.0 349.2

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