

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030824\  
 Data File : VN081349.D  
 Acq On : 08 Mar 2024 16:29  
 Operator : JC\MD  
 Sample : P1724-05 50X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 381

Quant Time: Mar 09 00:59:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030524W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 06 03:12:57 2024  
 Response via : Initial Calibration

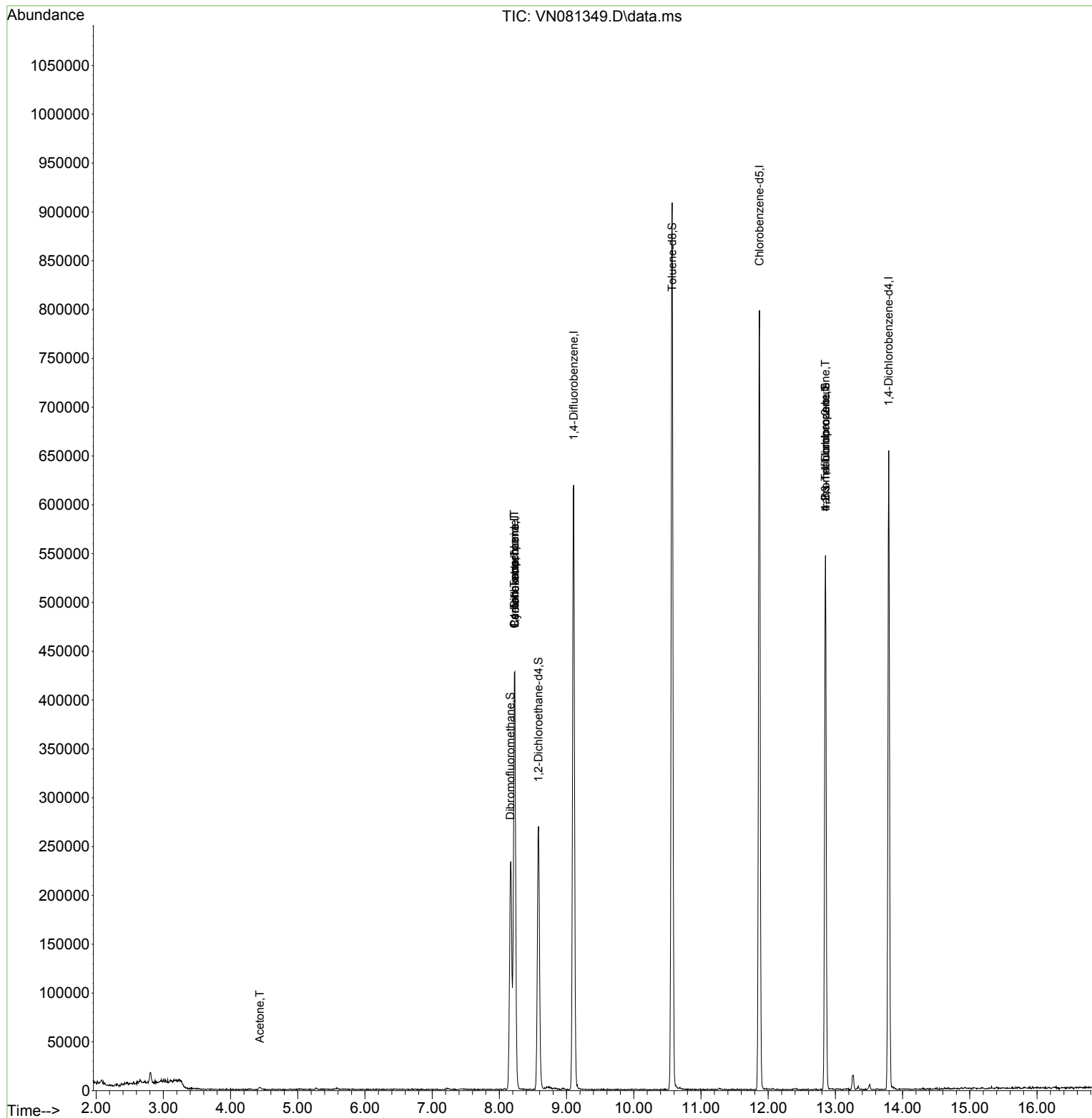
| Compound                      | R.T. QIon |       | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|------------|----------|
| -----                         |           |       |          |           |            |          |
| Internal Standards            |           |       |          |           |            |          |
| 1) Pentafluorobenzene         | 8.229     | 168   | 282938   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106     | 114   | 529471   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.870    | 117   | 441133   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794    | 152   | 162302   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.582     | 65    | 218269   | 53.354    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 74 - 125 | Recovery  | = 106.700% |          |
| 35) Dibromofluoromethane      | 8.165     | 113   | 168340   | 51.894    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery  | = 103.780% |          |
| 50) Toluene-d8                | 10.570    | 98    | 614417   | 50.668    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 86 - 113 | Recovery  | = 101.340% |          |
| 62) 4-Bromofluorobenzene      | 12.853    | 95    | 183095   | 42.720    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 64 - 133 | Recovery  | = 85.440%  |          |
| Target Compounds              |           |       |          |           |            |          |
|                               |           |       |          |           | Qvalue     |          |
| 16) Acetone                   | 4.436     | 43    | 3867     | 2.668     | ug/l #     | 69       |
| 20) Methylene Chloride        | 5.283     | 84    | 449      | Below Cal | #          | 43       |
| 31) Cyclohexane               | 8.229     | 56    | 7329     | 1.183     | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 8.224     | 75    | 26878    | 5.136     | ug/l #     | 53       |
| 38) Carbon Tetrachloride      | 8.224     | 117   | 34419    | 6.535     | ug/l #     | 18       |
| 76) 1,2,3-Trichloropropane    | 12.853    | 75    | 102473   | 26.731    | ug/l #     | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853    | 75    | 102473   | 74.601    | ug/l #     | 14       |
| -----                         |           |       |          |           |            |          |

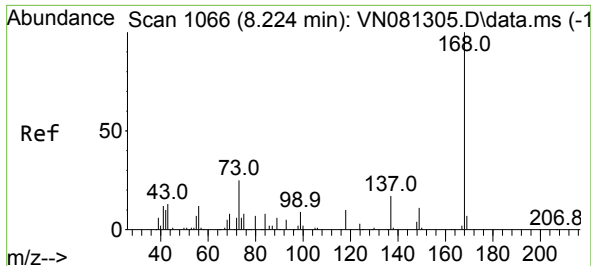
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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Quant Time: Mar 09 00:59:08 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030524W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 06 03:12:57 2024  
Response via : Initial Calibration

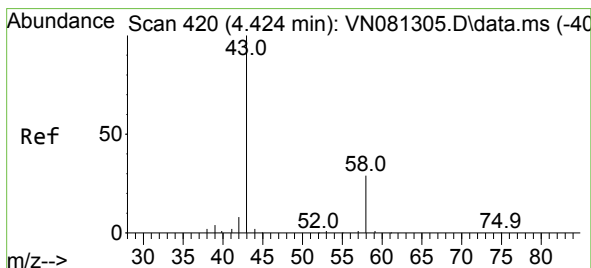
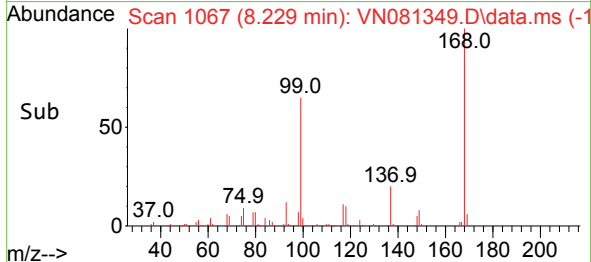
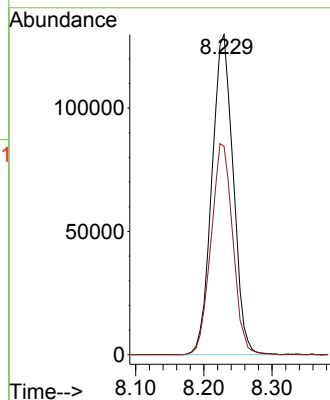
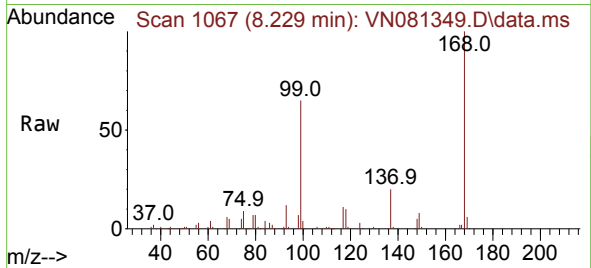




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1066  
Delta R.T. 0.005 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

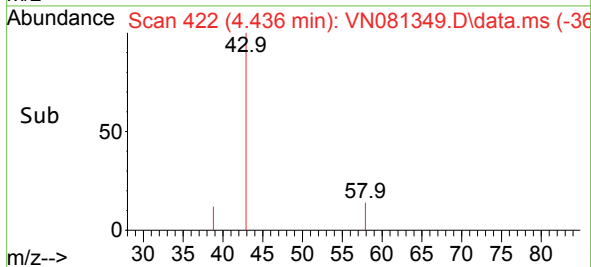
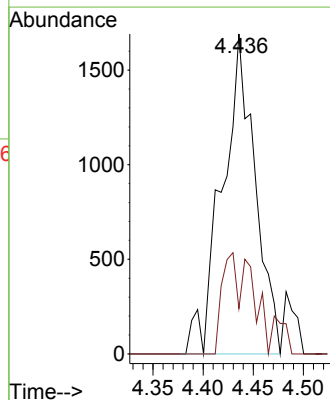
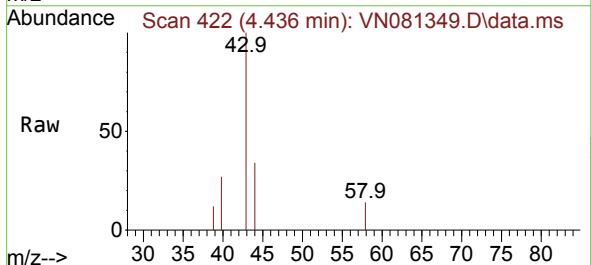
Instrument :  
MSVOA\_N  
ClientSampleId :  
381

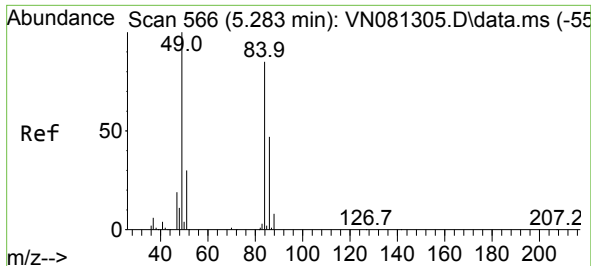
Tgt Ion:168 Resp: 282938  
Ion Ratio Lower Upper  
168 100  
99 65.1 59.9 89.9



#16  
Acetone  
Concen: 2.668 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.012 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

Tgt Ion: 43 Resp: 3867  
Ion Ratio Lower Upper  
43 100  
58 14.2 24.8 37.2#

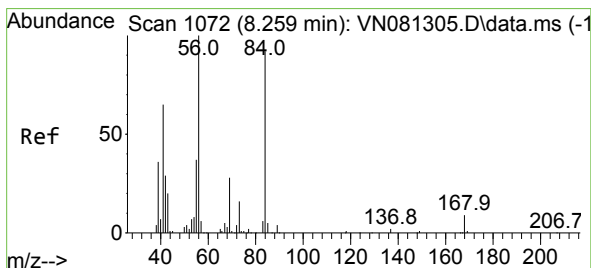
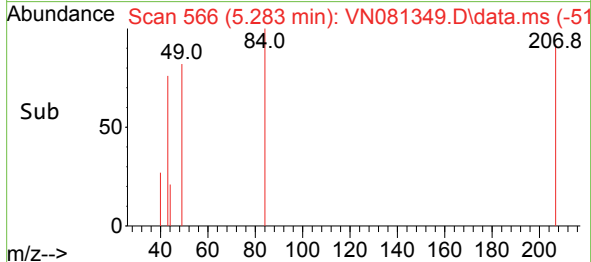
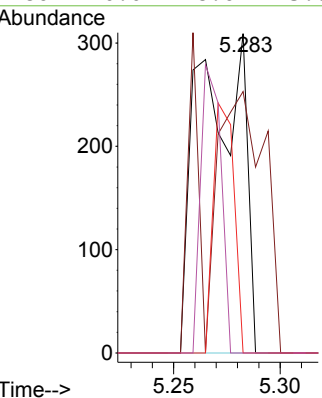
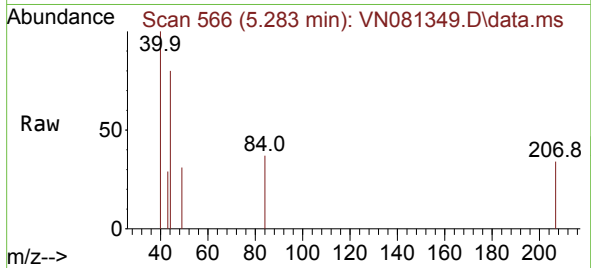




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 5.283 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

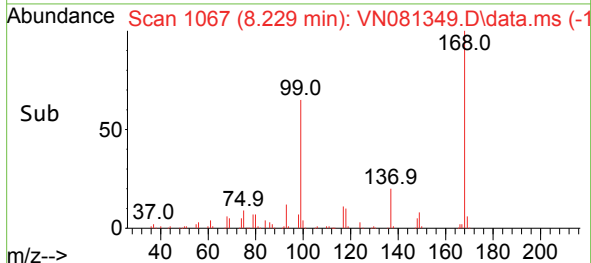
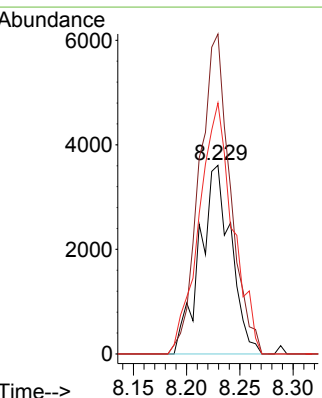
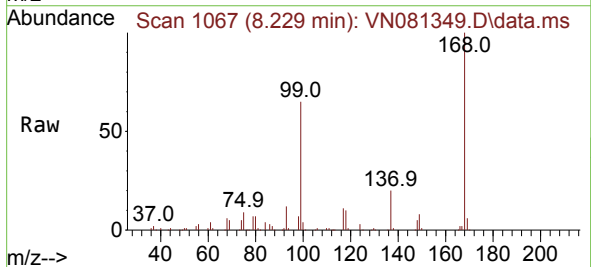
Instrument :  
MSVOA\_N  
ClientSampleId :  
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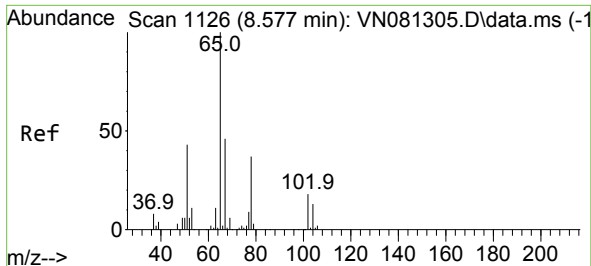
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 449    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 81.9  | 108.1 | 162.1# |
| 51       | 0.0   | 32.9  | 49.3#  |
| 86       | 0.0   | 48.6  | 73.0#  |



#31  
Cyclohexane  
Concen: 1.183 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. -0.030 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 7329  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 169.6 | 20.1  | 30.1# |
| 84       | 133.1 | 56.9  | 85.3# |





#33

1,2-Dichloroethane-d4

Concen: 53.354 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081349.D

Acq: 08 Mar 2024 16:29

Instrument :

MSVOA\_N

ClientSampleId :

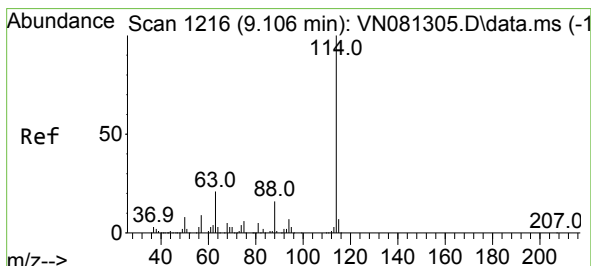
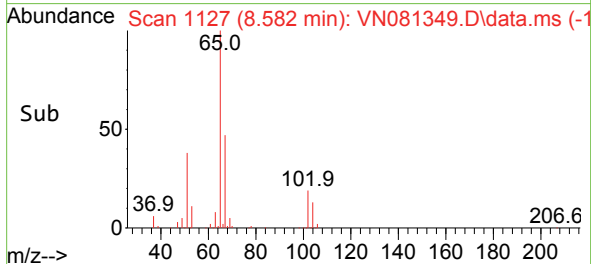
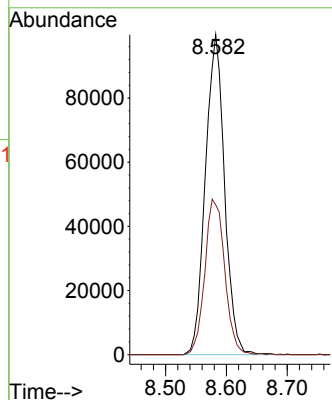
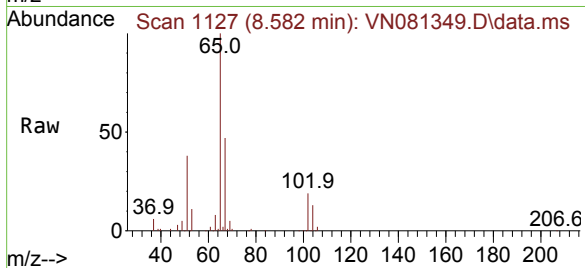
381

Tgt Ion: 65 Resp: 218269

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081349.D

Acq: 08 Mar 2024 16:29

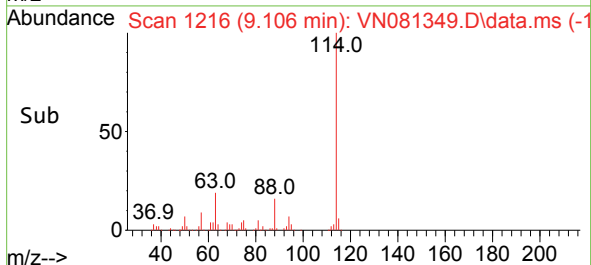
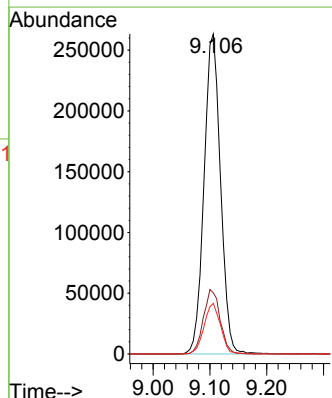
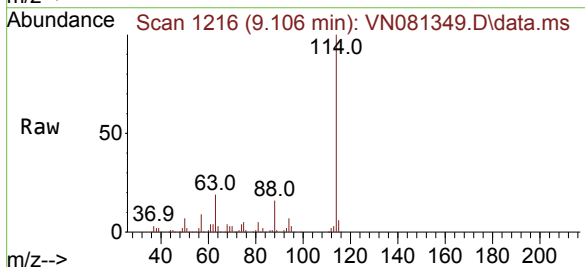
Tgt Ion: 114 Resp: 529471

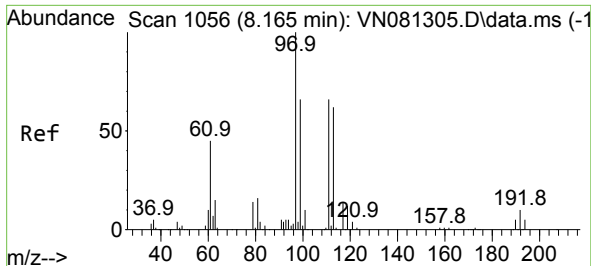
Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 15.8 0.0 34.8

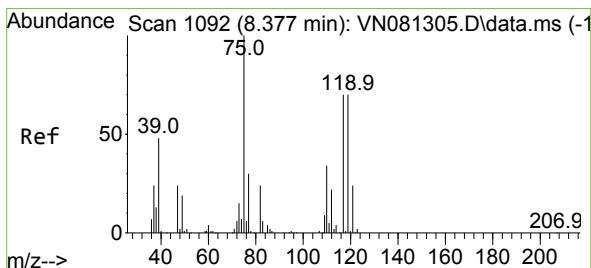
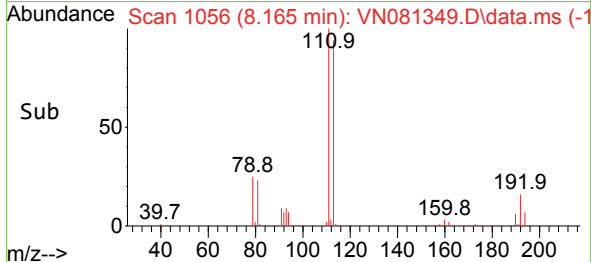
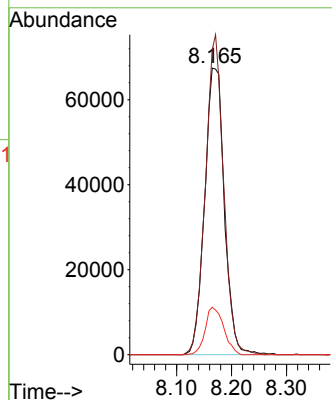
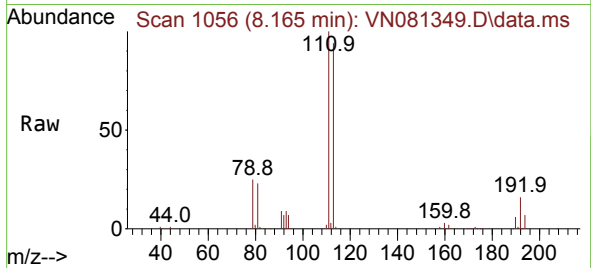




#35  
Dibromofluoromethane  
Concen: 51.894 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

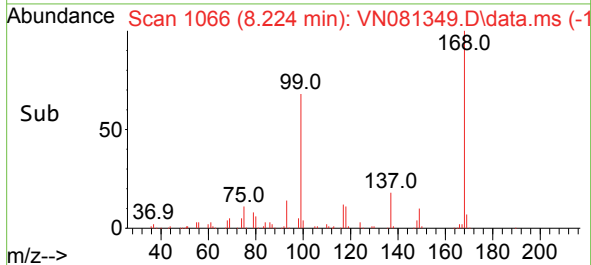
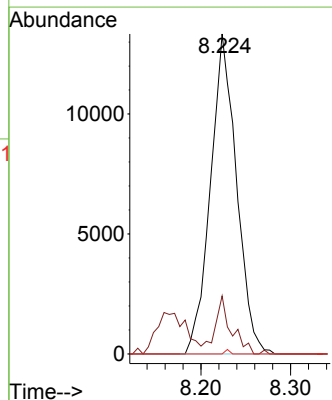
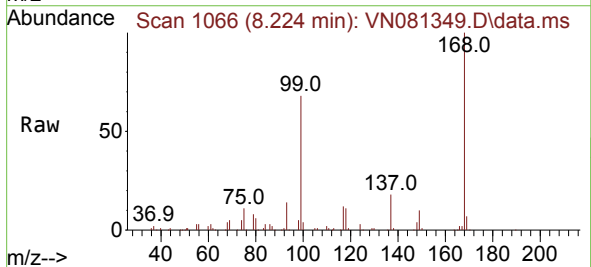
Instrument :  
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ClientSampleId :  
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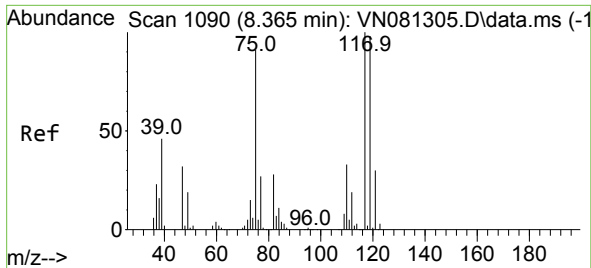
Tgt Ion:113 Resp: 168340  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.2 123.4  
192 15.6 12.5 18.7



#36  
1,1-Dichloropropene  
Concen: 5.136 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.153 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

Tgt Ion: 75 Resp: 26878  
Ion Ratio Lower Upper  
75 100  
110 11.2 16.0 48.0#  
77 0.2 25.8 38.6#

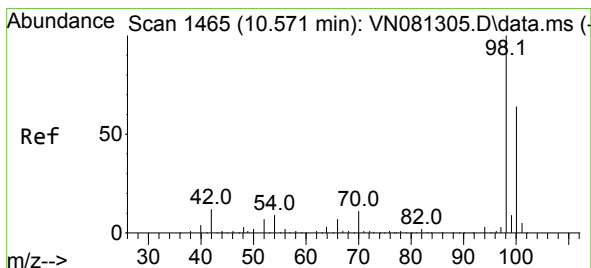
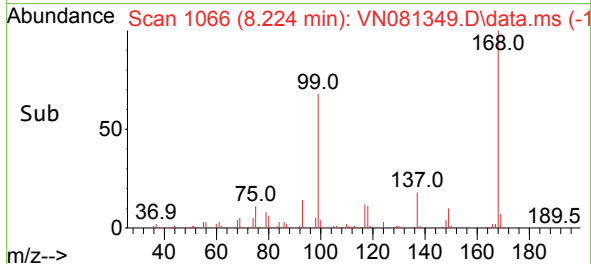
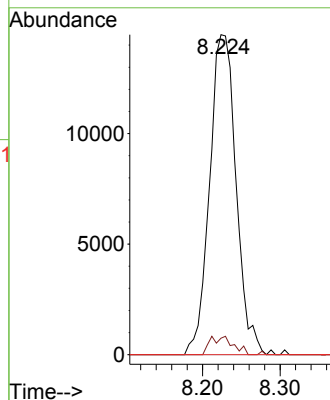
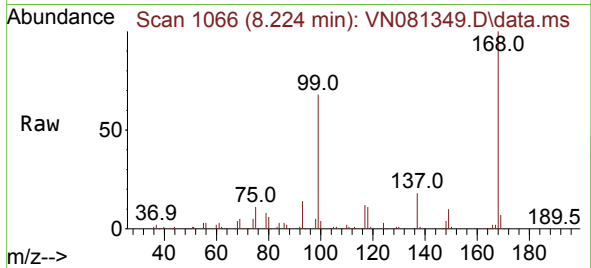




#38  
Carbon Tetrachloride  
Concen: 6.535 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.141 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

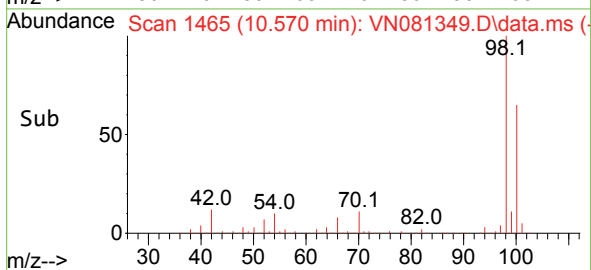
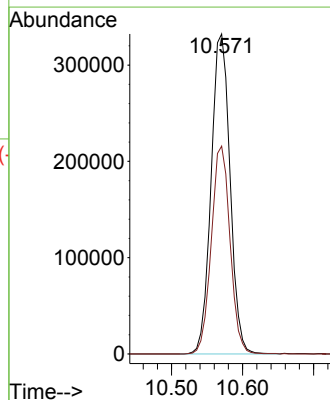
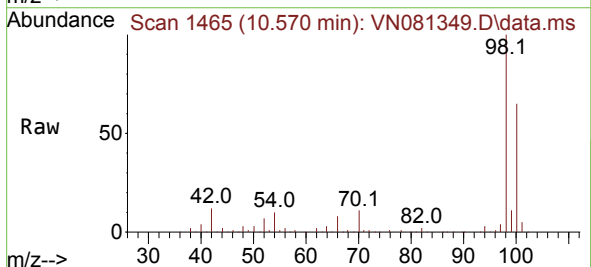
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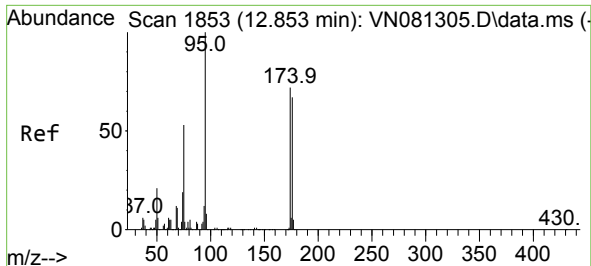
Tgt Ion:117 Resp: 34419  
Ion Ratio Lower Upper  
117 100  
119 5.2 73.4 110.2#  
121 0.0 24.4 36.6#



#50  
Toluene-d8  
Concen: 50.668 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

Tgt Ion: 98 Resp: 614417  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.4 77.0

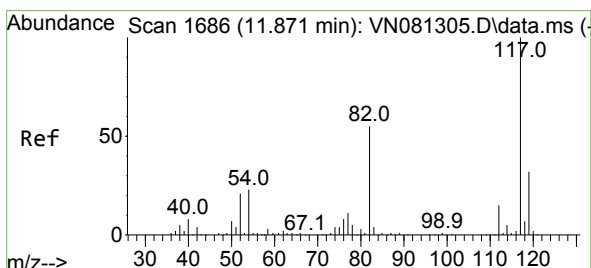
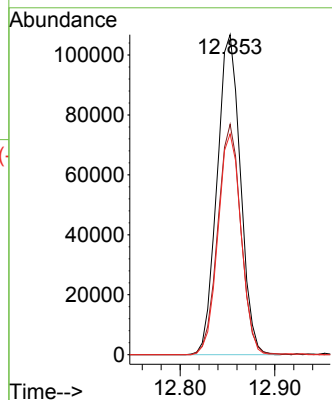
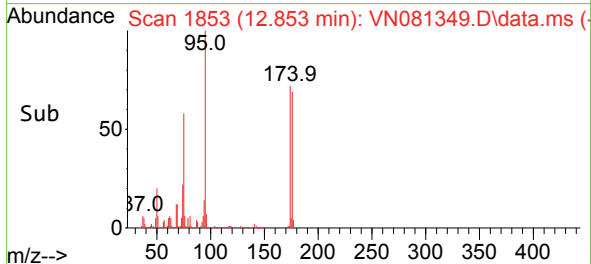
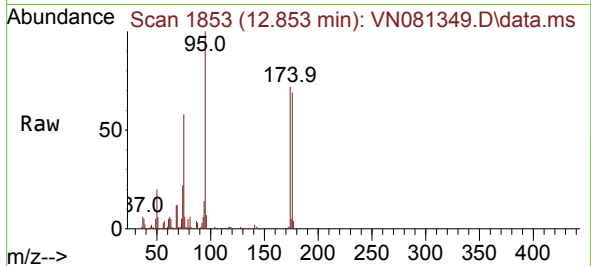




#62  
4-Bromofluorobenzene  
Concen: 42.720 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

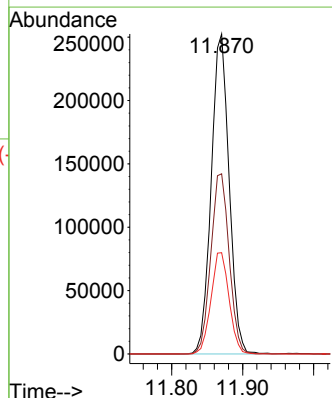
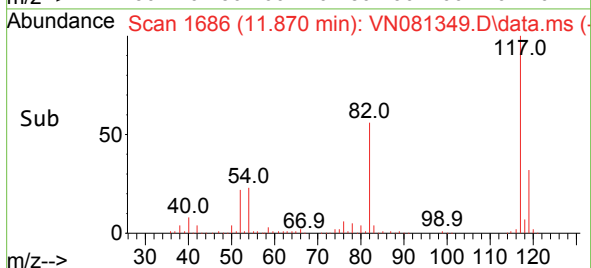
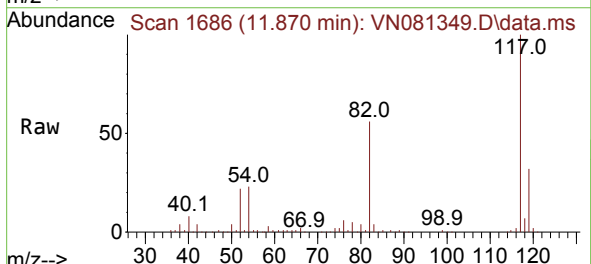
Instrument :  
MSVOA\_N  
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381

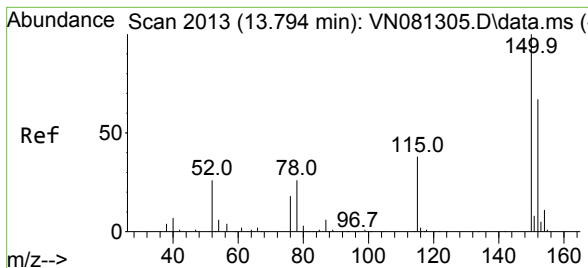
Tgt Ion: 95 Resp: 183095  
Ion Ratio Lower Upper  
95 100  
174 71.2 0.0 120.4  
176 68.4 0.0 121.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

Tgt Ion: 117 Resp: 441133  
Ion Ratio Lower Upper  
117 100  
82 56.3 52.7 79.1  
119 31.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081349.D

Acq: 08 Mar 2024 16:29

Instrument :

MSVOA\_N

ClientSampleId :

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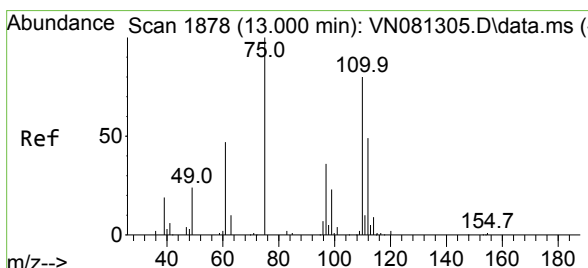
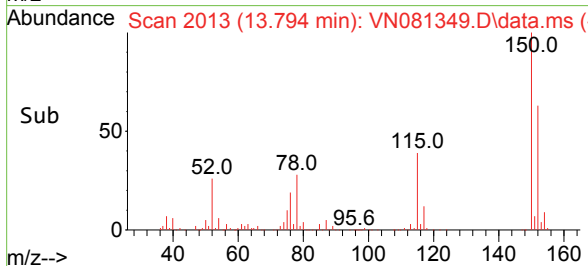
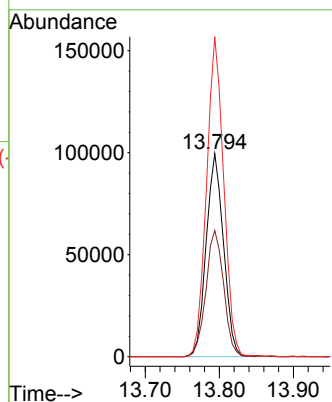
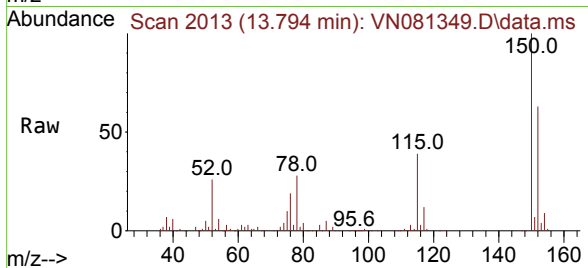
Tgt Ion:152 Resp: 162302

Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 155.4 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 26.731 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081349.D

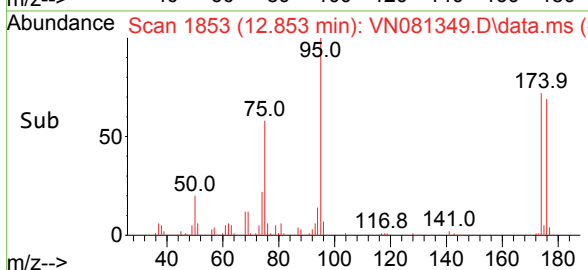
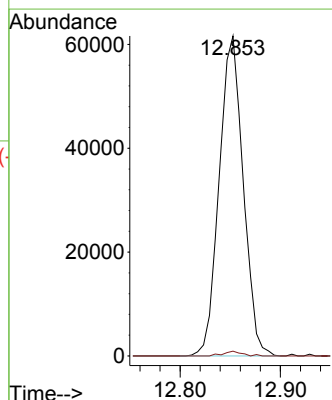
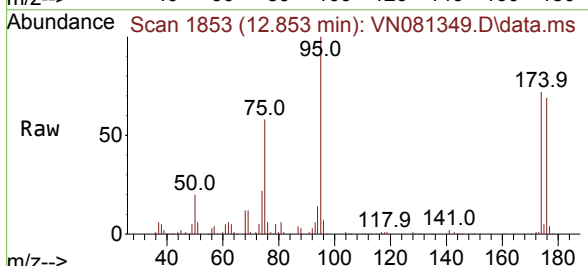
Acq: 08 Mar 2024 16:29

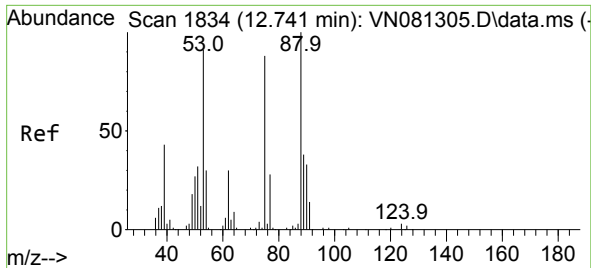
Tgt Ion: 75 Resp: 102473

Ion Ratio Lower Upper

75 100

77 1.2 91.0 272.8#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 74.601 ug/l  
RT: 12.853 min Scan# 11  
Delta R.T. 0.112 min  
Lab File: VN081349.D  
Acq: 08 Mar 2024 16:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
381

Tgt Ion: 75 Resp: 102473  
Ion Ratio Lower Upper  
75 100  
53 0.1 71.4 107.2#  
89 0.0 33.4 50.0#

