

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041621\  
 Data File : VN066640.D  
 Acq On : 16 Apr 2021 20:52  
 Operator : JC/MD  
 Sample : M2050-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-7

Quant Time: Apr 17 05:20:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041521W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 15 19:16:35 2021  
 Response via : Initial Calibration

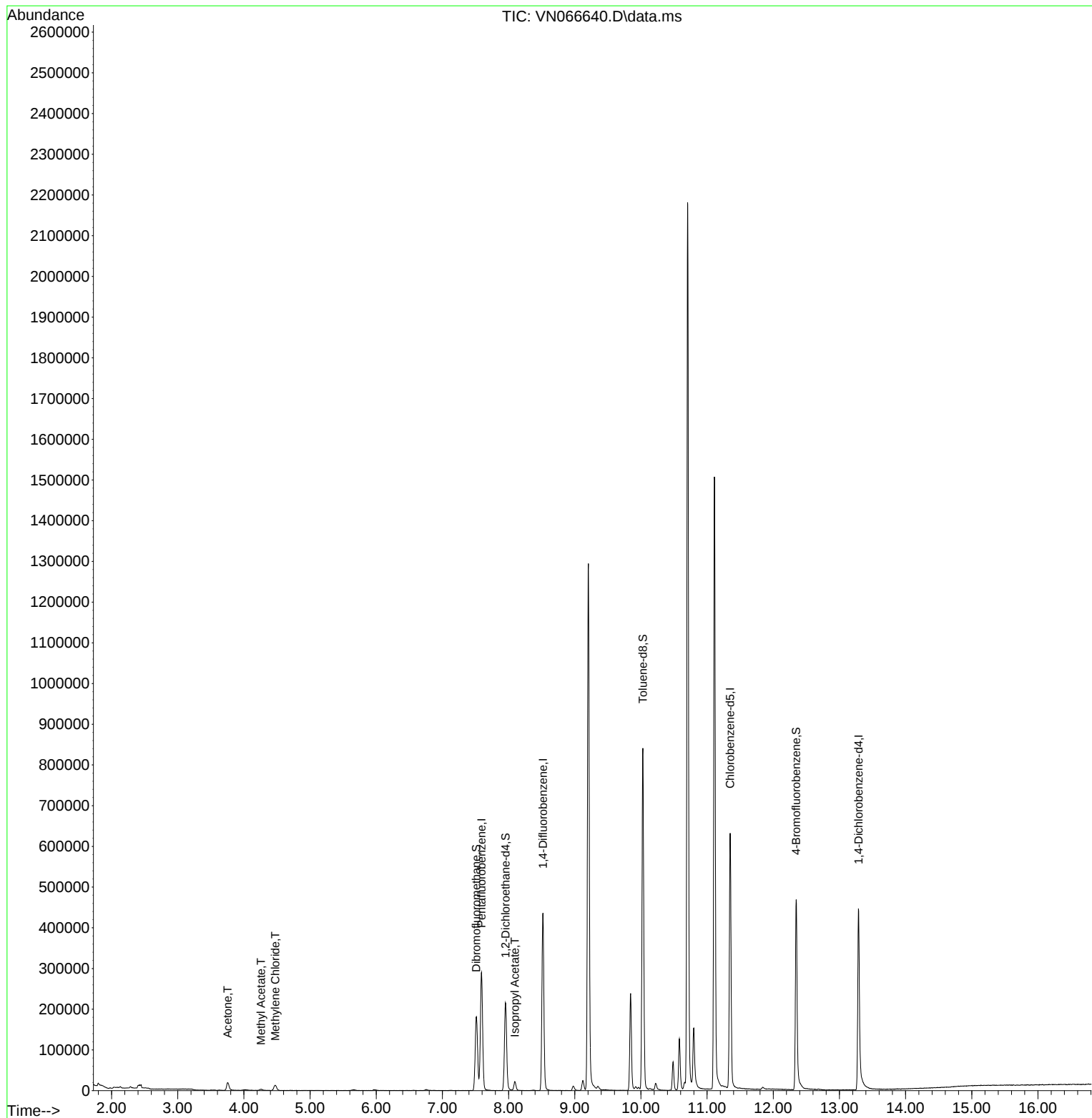
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 7.591  | 168   | 246637   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.519  | 114   | 390129   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 11.349 | 117   | 371375   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.288 | 152   | 146132   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 7.953  | 65    | 186171   | 50.04    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 100.08% |          |
| 35) Dibromofluoromethane    | 7.513  | 113   | 144728   | 53.49    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 106.98% |          |
| 50) Toluene-d8              | 10.029 | 98    | 578604   | 54.57    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 109.14% |          |
| 62) 4-Bromofluorobenzene    | 12.346 | 95    | 182333   | 48.90    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 97.80%  |          |
| Target Compounds            |        |       |          |          |           |          |
|                             |        |       |          |          |           | Qvalue   |
| 16) Acetone                 | 3.753  | 43    | 33596    | 17.35    | ug/l      | 94       |
| 18) Methyl Acetate          | 4.257  | 43    | 6684     | 1.67     | ug/l #    | 80       |
| 20) Methylene Chloride      | 4.475  | 84    | 9516     | 2.71     | ug/l      | 92       |
| 43) Isopropyl Acetate       | 8.093  | 43    | 27205    | 3.65     | ug/l #    | 85       |
| -----                       |        |       |          |          |           |          |

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

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Sample : M2050-02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-7

Quant Time: Apr 17 05:20:36 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041521W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 15 19:16:35 2021  
Response via : Initial Calibration

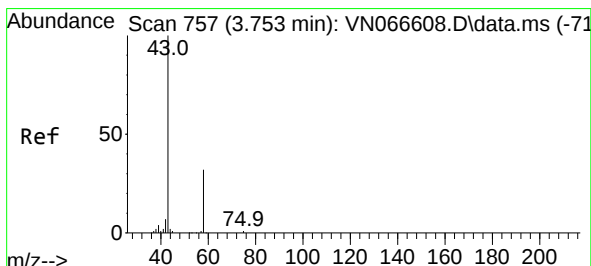
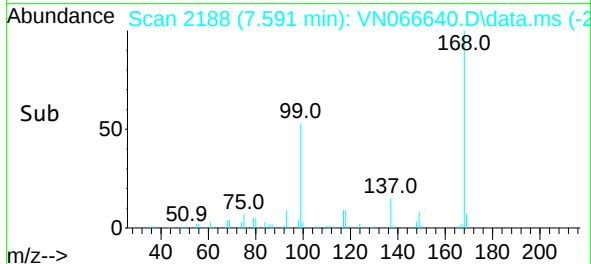
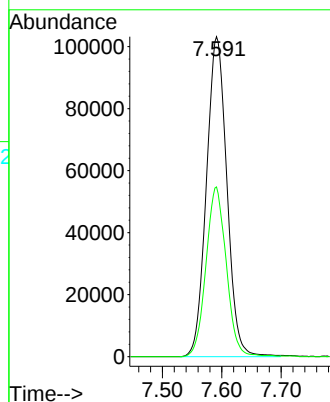
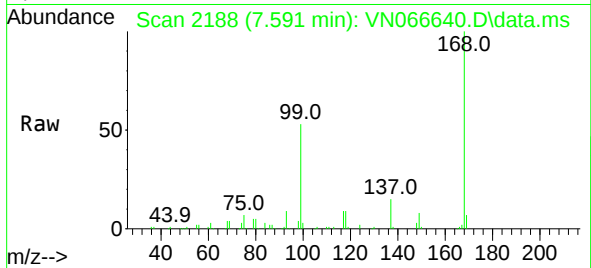




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.591 min Scan# 2188  
Delta R.T. 0.003 min  
Lab File: VN066640.D  
Acq: 16 Apr 2021 20:52

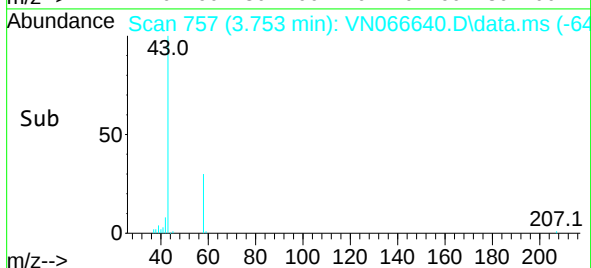
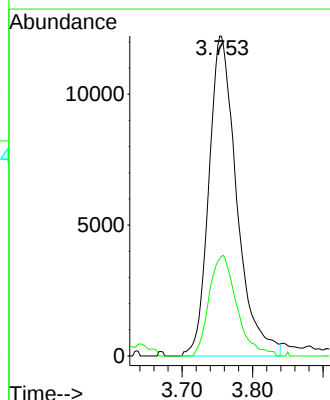
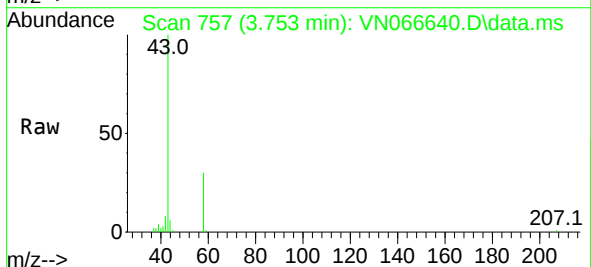
Instrument :  
MSVOA\_N  
ClientSampled :  
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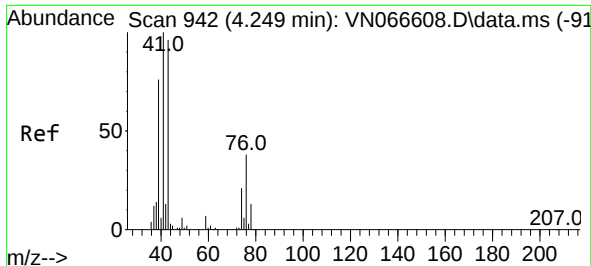
Tgt Ion:168 Resp: 246637  
Ion Ratio Lower Upper  
168 100  
99 53.1 42.6 63.8



#16  
Acetone  
Concen: 17.35 ug/l  
RT: 3.753 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: VN066640.D  
Acq: 16 Apr 2021 20:52

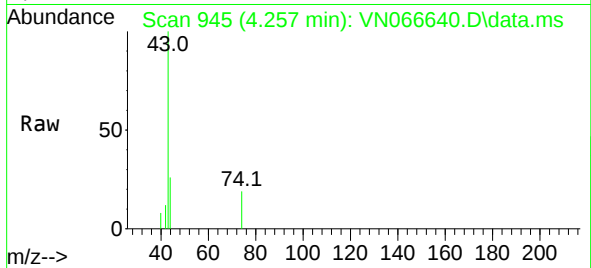
Tgt Ion: 43 Resp: 33596  
Ion Ratio Lower Upper  
43 100  
58 30.4 27.0 40.6



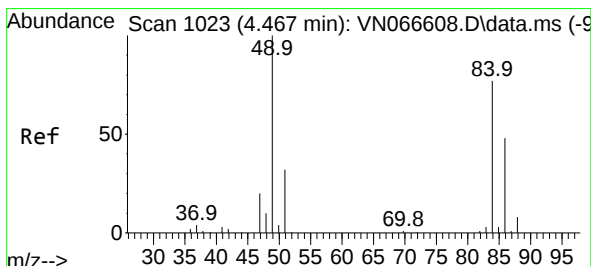
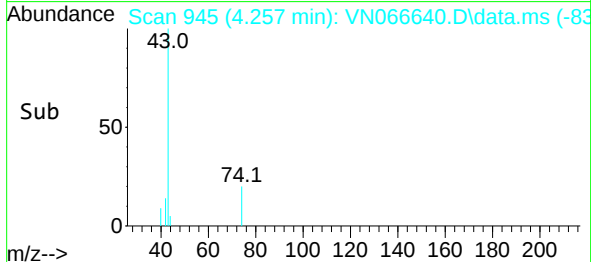
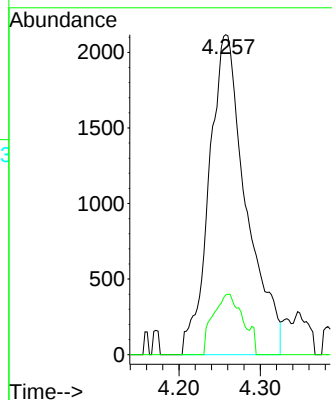


#18  
Methyl Acetate  
Concen: 1.67 ug/l  
RT: 4.257 min Scan# 945  
Delta R.T. 0.008 min  
Lab File: VN066640.D  
Acq: 16 Apr 2021 20:52

Instrument :  
MSVOA\_N  
ClientSampled :  
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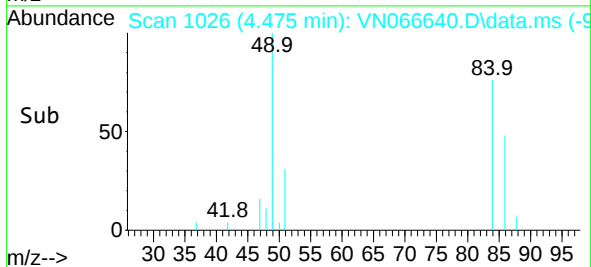
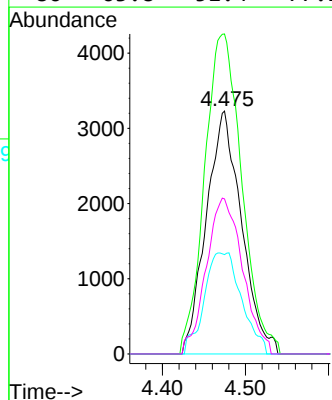
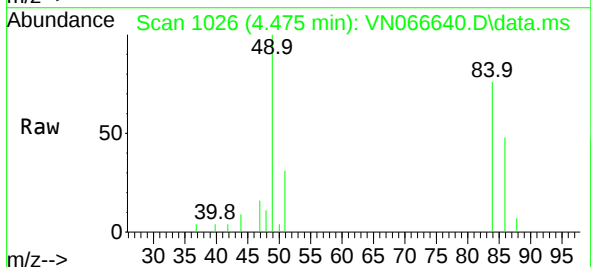


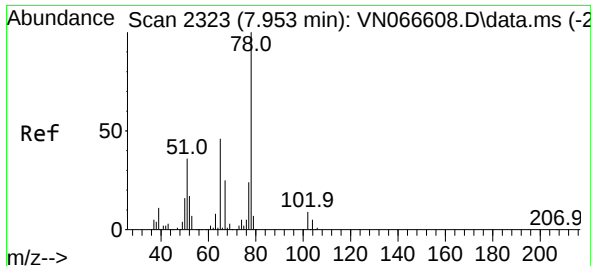
Tgt Ion: 43 Resp: 6684  
Ion Ratio Lower Upper  
43 100  
74 14.5 19.5 29.3#



#20  
Methylene Chloride  
Concen: 2.71 ug/l  
RT: 4.475 min Scan# 1026  
Delta R.T. 0.008 min  
Lab File: VN066640.D  
Acq: 16 Apr 2021 20:52

Tgt Ion: 84 Resp: 9516  
Ion Ratio Lower Upper  
84 100  
49 131.7 94.6 141.8  
51 40.9 29.9 44.9  
86 63.8 51.4 77.2

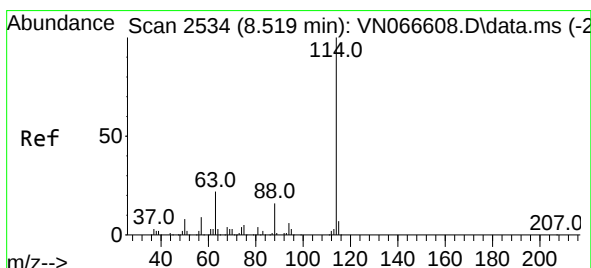
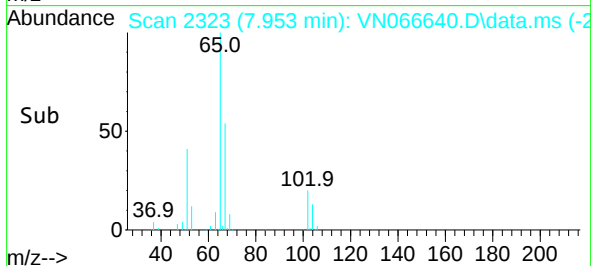
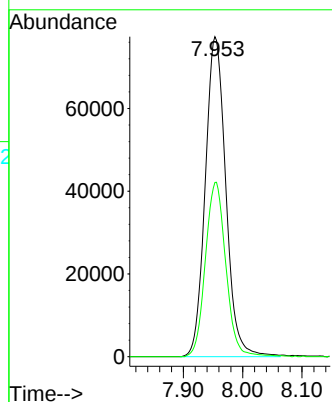
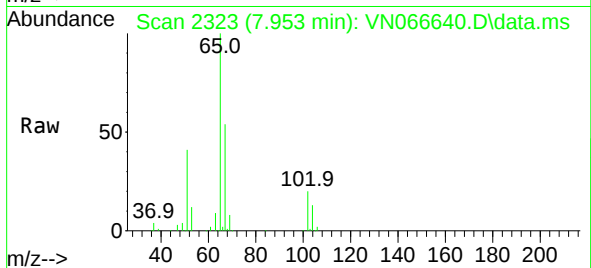




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.04 ug/l  
 RT: 7.953 min Scan# 2323  
 Delta R.T. 0.000 min  
 Lab File: VN066640.D  
 Acq: 16 Apr 2021 20:52

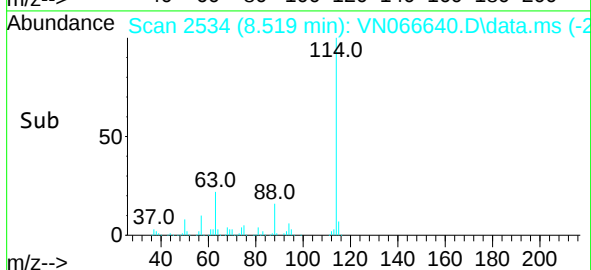
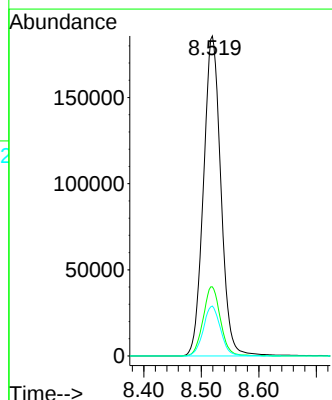
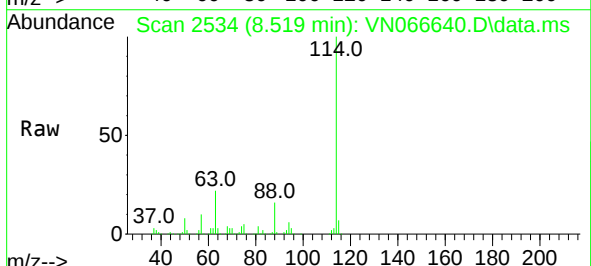
Instrument :  
 MSVOA\_N  
 ClientSampled :  
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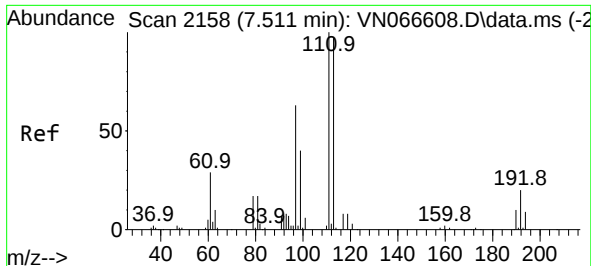
Tgt Ion: 65 Resp: 186171  
 Ion Ratio Lower Upper  
 65 100  
 67 54.2 0.0 107.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.519 min Scan# 2534  
 Delta R.T. 0.000 min  
 Lab File: VN066640.D  
 Acq: 16 Apr 2021 20:52

Tgt Ion: 114 Resp: 390129  
 Ion Ratio Lower Upper  
 114 100  
 63 21.6 0.0 38.6  
 88 15.6 0.0 30.6

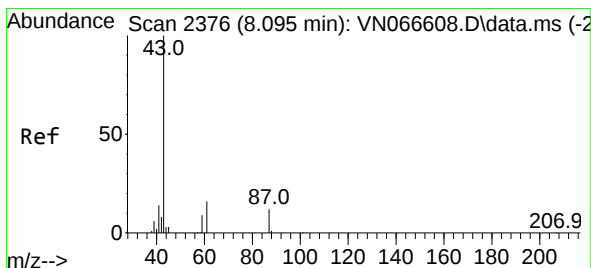
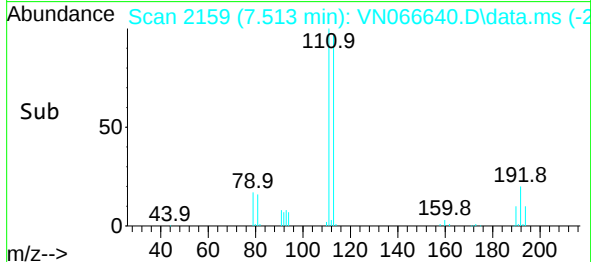
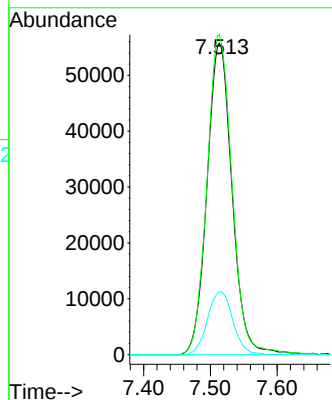
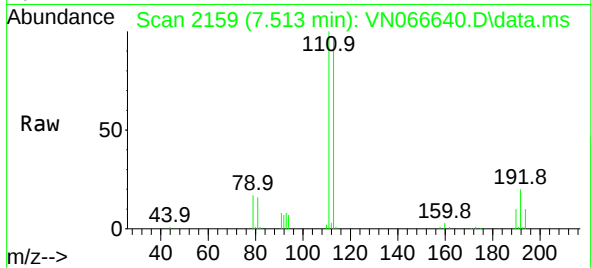




#35  
Dibromofluoromethane  
Concen: 53.49 ug/l  
RT: 7.513 min Scan# 2159  
Delta R.T. 0.002 min  
Lab File: VN066640.D  
Acq: 16 Apr 2021 20:52

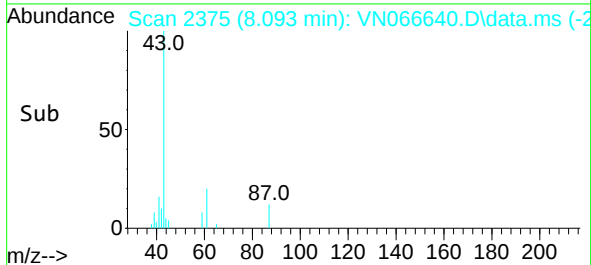
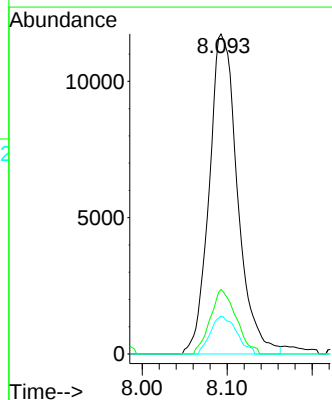
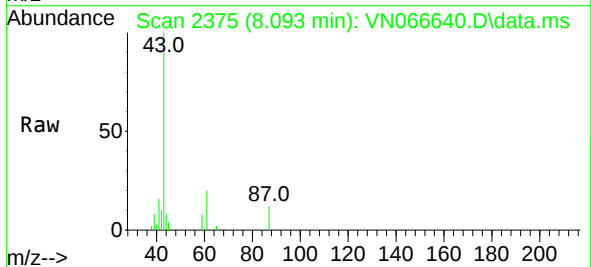
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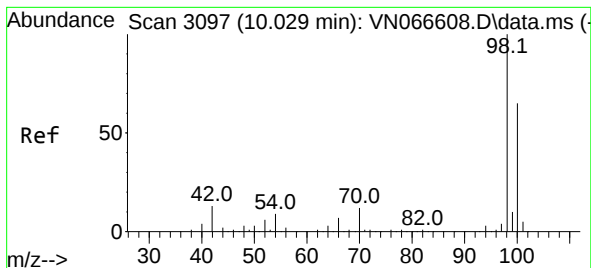
Tgt Ion:113 Resp: 144728  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.2 123.2  
192 20.6 15.4 23.0



#43  
Isopropyl Acetate  
Concen: 3.65 ug/l  
RT: 8.093 min Scan# 2375  
Delta R.T. -0.002 min  
Lab File: VN066640.D  
Acq: 16 Apr 2021 20:52

Tgt Ion: 43 Resp: 27205  
Ion Ratio Lower Upper  
43 100  
61 18.5 22.5 33.7#  
87 10.8 11.1 16.7#

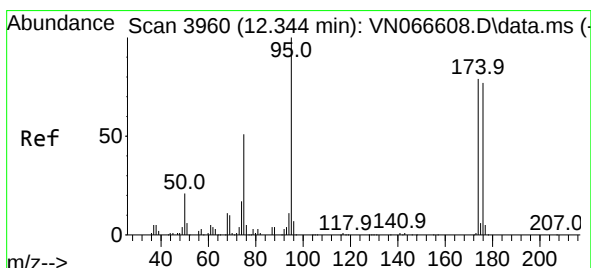
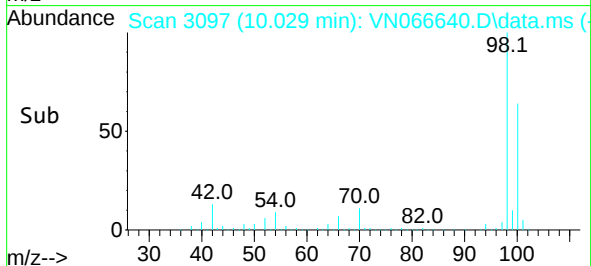
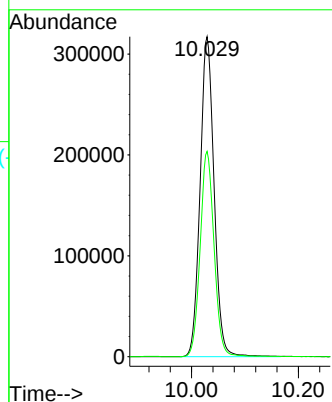
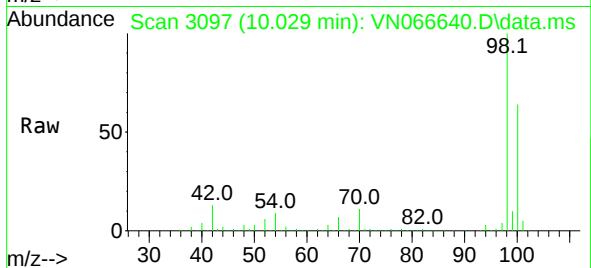




#50  
Toluene-d8  
Concen: 54.57 ug/l  
RT: 10.029 min Scan# 3097  
Delta R.T. 0.000 min  
Lab File: VN066640.D  
Acq: 16 Apr 2021 20:52

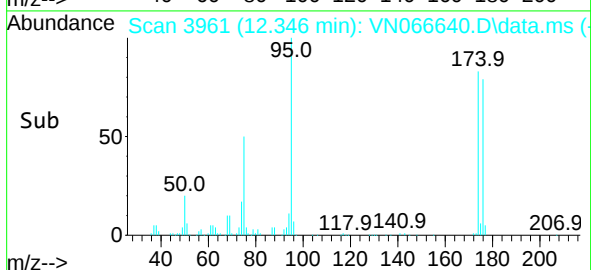
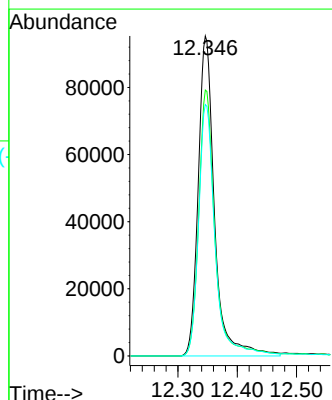
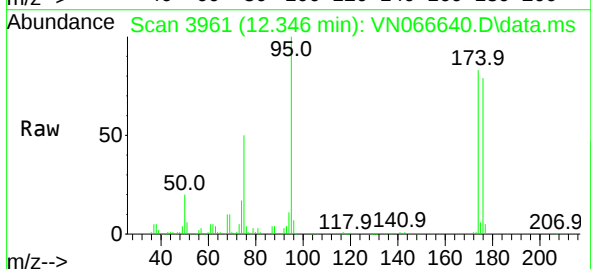
Instrument :  
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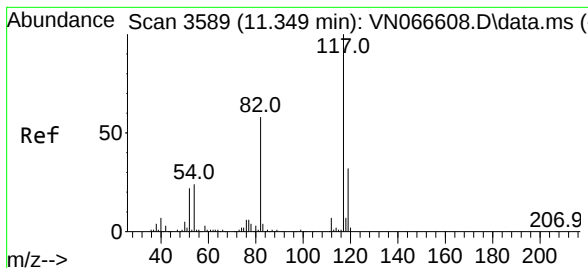
Tgt Ion: 98 Resp: 578604  
Ion Ratio Lower Upper  
98 100  
100 63.9 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 48.90 ug/l  
RT: 12.346 min Scan# 3961  
Delta R.T. 0.002 min  
Lab File: VN066640.D  
Acq: 16 Apr 2021 20:52

Tgt Ion: 95 Resp: 182333  
Ion Ratio Lower Upper  
95 100  
174 83.0 0.0 169.0  
176 77.6 0.0 162.4

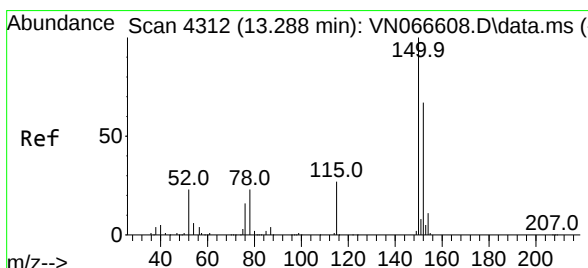
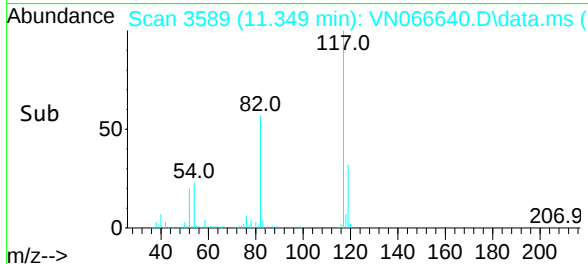
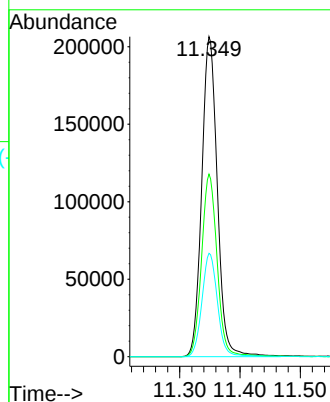
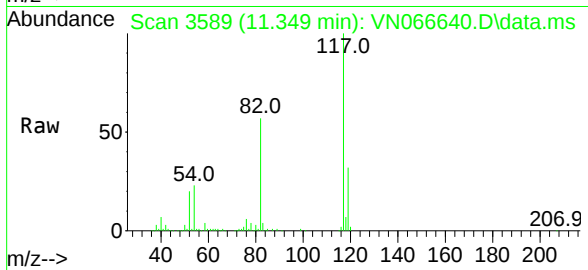




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.349 min Scan# 3589  
Delta R.T. -0.000 min  
Lab File: VN066640.D  
Acq: 16 Apr 2021 20:52

Instrument :  
MSVOA\_N  
ClientSampled :  
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Tgt Ion:117 Resp: 371375  
Ion Ratio Lower Upper  
117 100  
82 57.1 43.7 65.5  
119 32.3 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.288 min Scan# 4312  
Delta R.T. -0.000 min  
Lab File: VN066640.D  
Acq: 16 Apr 2021 20:52

Tgt Ion:152 Resp: 146132  
Ion Ratio Lower Upper  
152 100  
115 56.9 28.5 85.6  
150 160.3 0.0 347.6

