

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041921\  
 Data File : VN066656.D  
 Acq On : 19 Apr 2021 12:44  
 Operator : JC/MD  
 Sample : M2070-08  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 JGD-3150-D3550-B

Quant Time: Apr 20 04:54:46 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

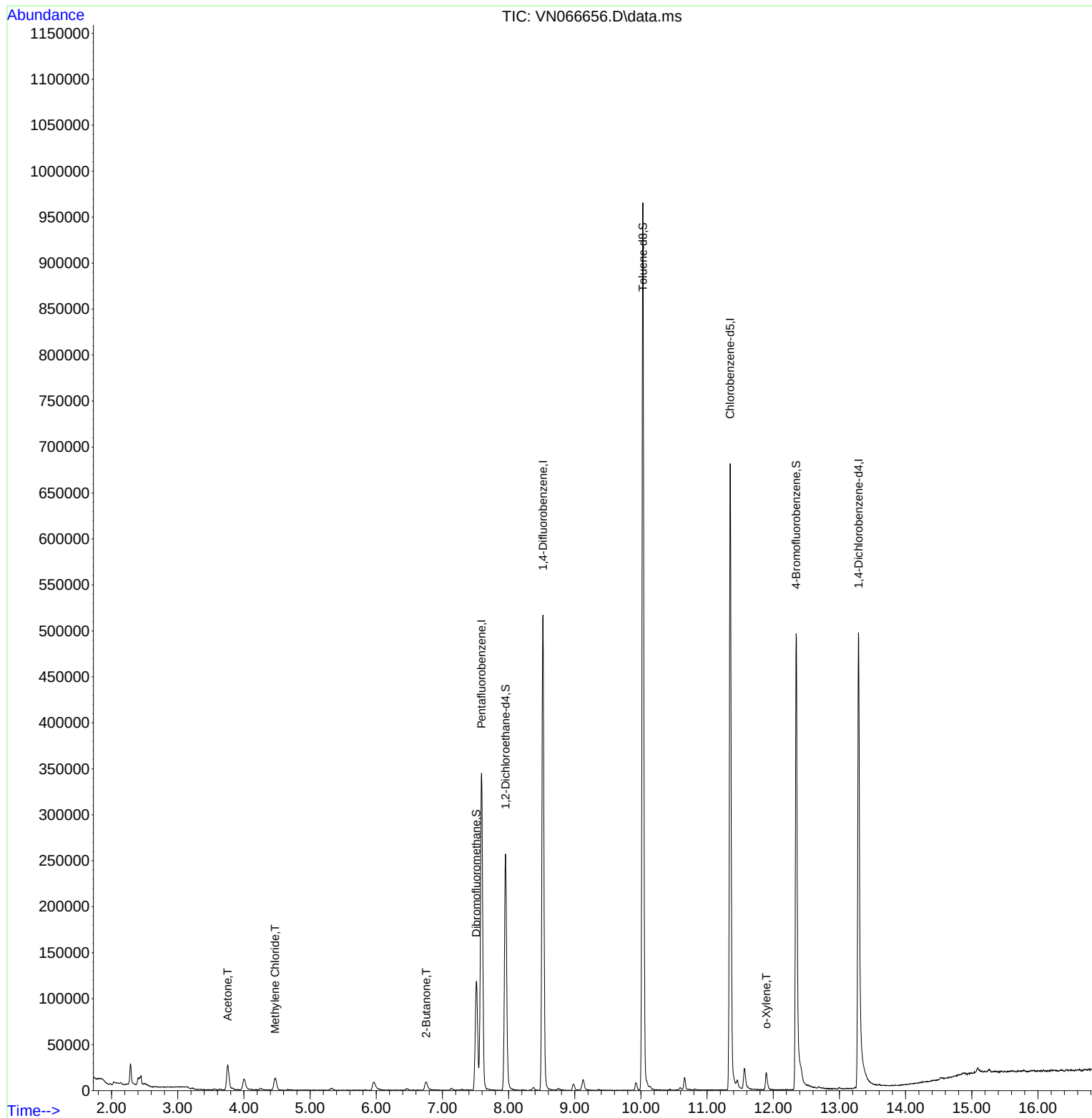
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.591  | 168   | 297094   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.519  | 114   | 471431   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.348 | 117   | 422458   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.287 | 152   | 177517   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.953  | 65    | 218242   | 48.69    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 97.38%   |
| 35) Dibromofluoromethane    | 7.513  | 113   | 94227    | 28.82    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 57.64%#  |
| 50) Toluene-d8              | 10.029 | 98    | 671011   | 52.37    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 104.74%  |
| 62) 4-Bromofluorobenzene    | 12.346 | 95    | 208398   | 46.25    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 92.50%   |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.756  | 43    | 46195    | 21.05    | ug/l   | 98       |
| 20) Methylene Chloride      | 4.469  | 84    | 9933     | 2.35     | ug/l   | 94       |
| 25) 2-Butanone              | 6.754  | 43    | 18009    | 6.82     | ug/l # | 88       |
| 69) o-Xylene                | 11.895 | 106   | 6415     | 1.13     | ug/l   | 97       |
| -----                       |        |       |          |          |        |          |

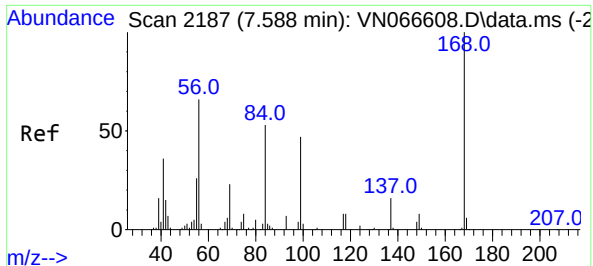
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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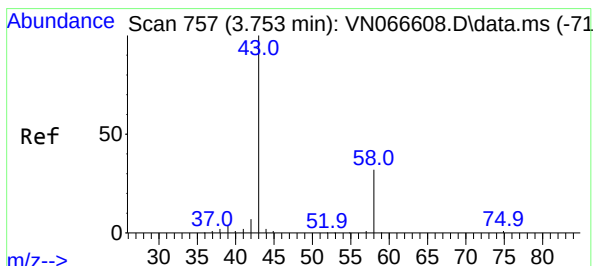
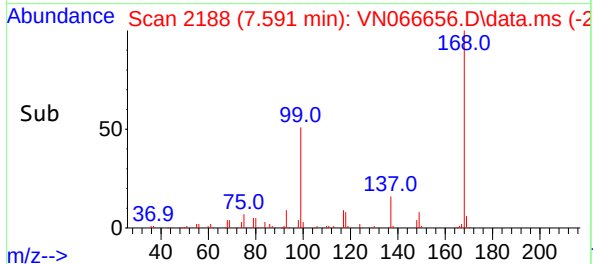
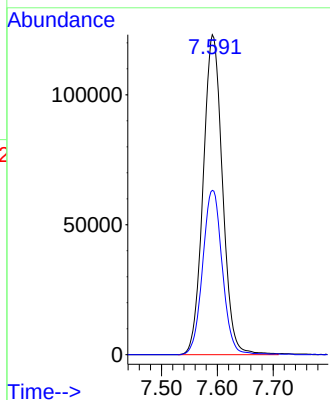
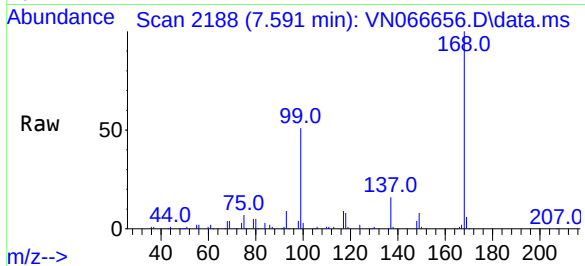




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.591 min Scan# 2188  
Delta R.T. 0.003 min  
Lab File: VN066656.D  
Acq: 19 Apr 2021 12:44

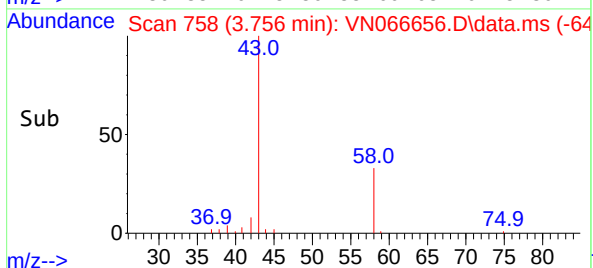
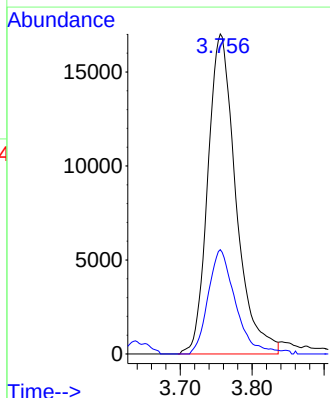
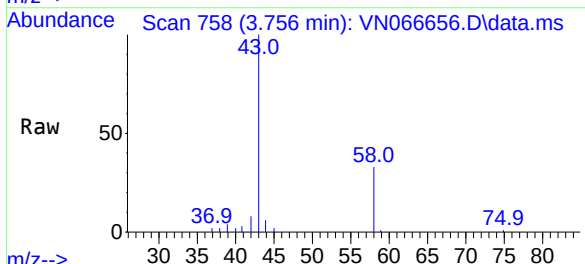
Instrument :  
MSVOA\_N  
ClientSampleId :  
JGD-3150-D3550-B

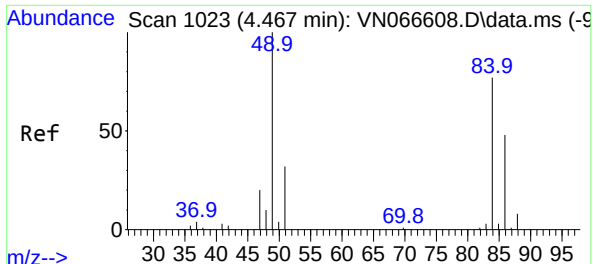
Tgt Ion:168 Resp: 297094  
Ion Ratio Lower Upper  
168 100  
99 51.4 42.6 63.8



#16  
Acetone  
Concen: 21.05 ug/l  
RT: 3.756 min Scan# 758  
Delta R.T. 0.003 min  
Lab File: VN066656.D  
Acq: 19 Apr 2021 12:44

Tgt Ion: 43 Resp: 46195  
Ion Ratio Lower Upper  
43 100  
58 32.6 27.0 40.6





#20

Methylene Chloride

Concen: 2.35 ug/l

RT: 4.469 min Scan# 1024

Delta R.T. 0.002 min

Lab File: VN066656.D

Acq: 19 Apr 2021 12:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
JGD-3150-D3550-B

Tgt Ion: 84 Resp: 9933

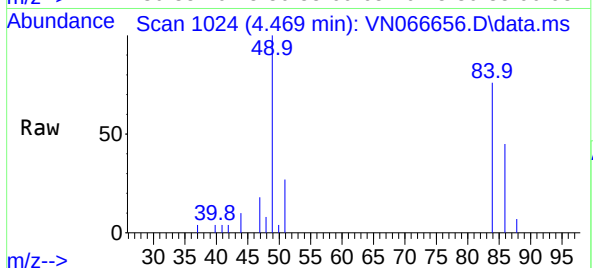
Ion Ratio Lower Upper

84 100

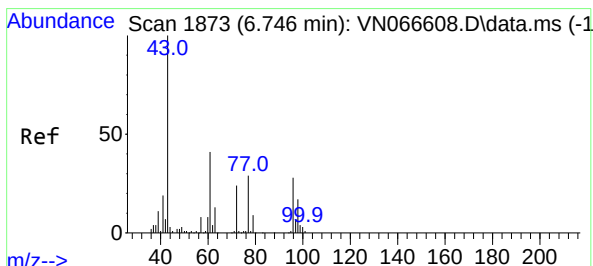
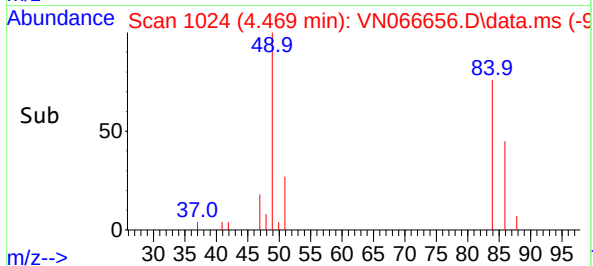
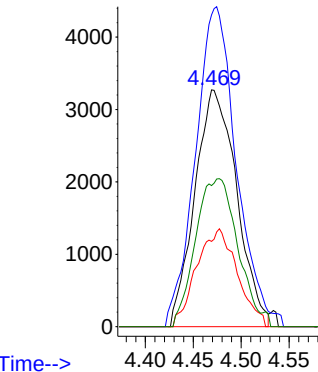
49 125.6 94.6 141.8

51 36.0 29.9 44.9

86 59.6 51.4 77.2



Abundance



#25

2-Butanone

Concen: 6.82 ug/l

RT: 6.754 min Scan# 1876

Delta R.T. 0.008 min

Lab File: VN066656.D

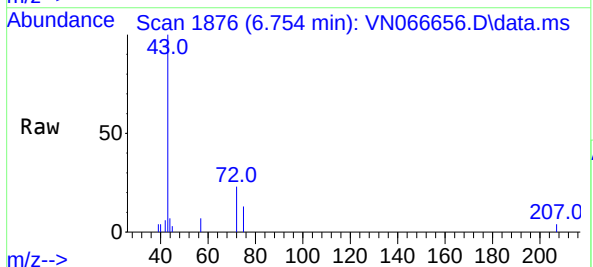
Acq: 19 Apr 2021 12:44

Tgt Ion: 43 Resp: 18009

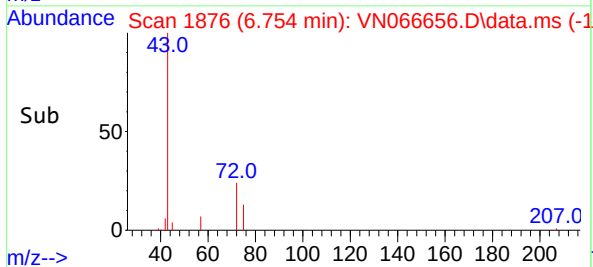
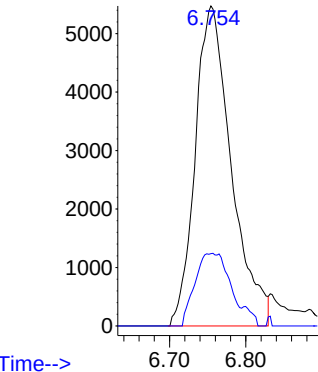
Ion Ratio Lower Upper

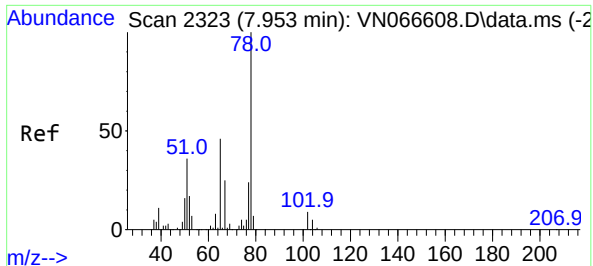
43 100

72 22.6 23.1 34.7#



Abundance

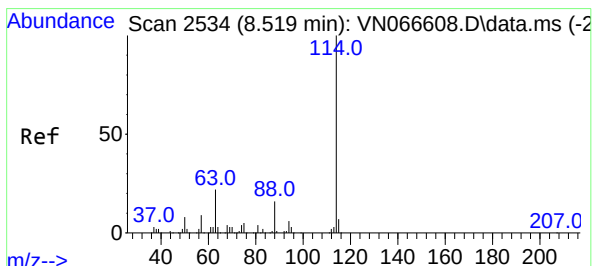
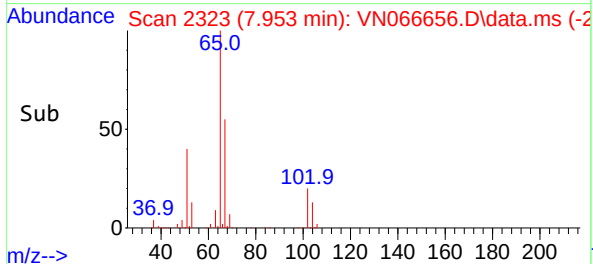
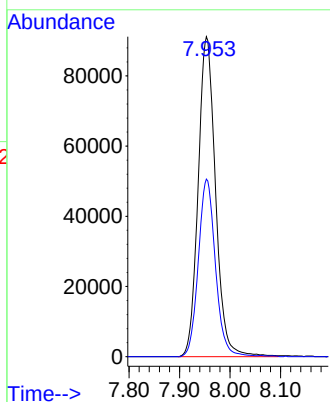
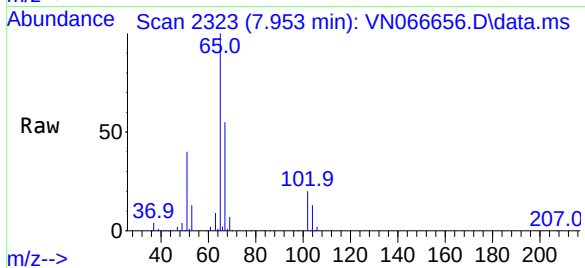




#33  
1,2-Dichloroethane-d4  
Concen: 48.69 ug/l  
RT: 7.953 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: VN066656.D  
Acq: 19 Apr 2021 12:44

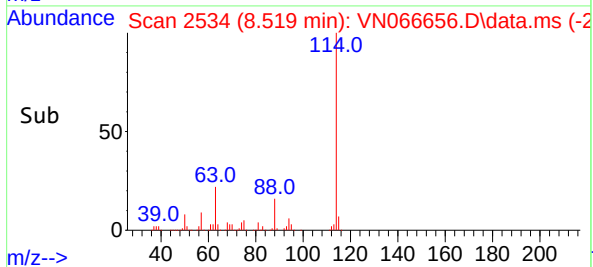
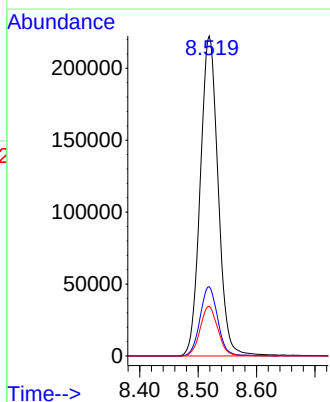
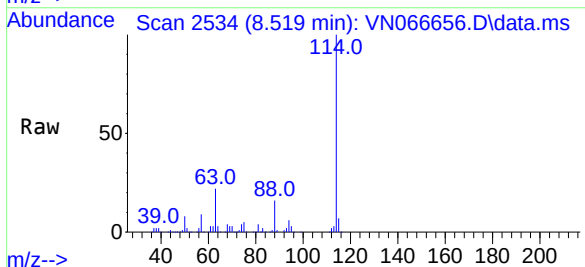
Instrument :  
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JGD-3150-D3550-B

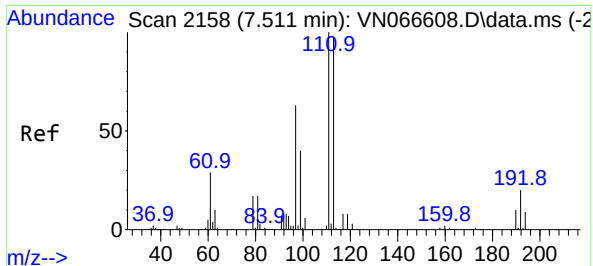
Tgt Ion: 65 Resp: 218242  
Ion Ratio Lower Upper  
65 100  
67 54.5 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.519 min Scan# 2534  
Delta R.T. -0.000 min  
Lab File: VN066656.D  
Acq: 19 Apr 2021 12:44

Tgt Ion: 114 Resp: 471431  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 38.6  
88 15.5 0.0 30.6

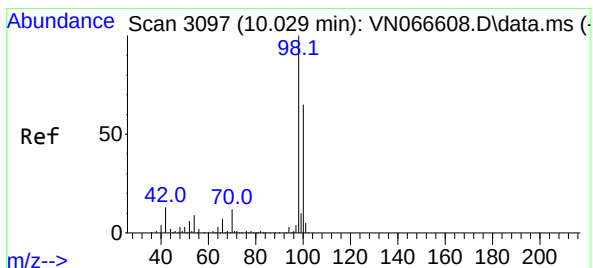
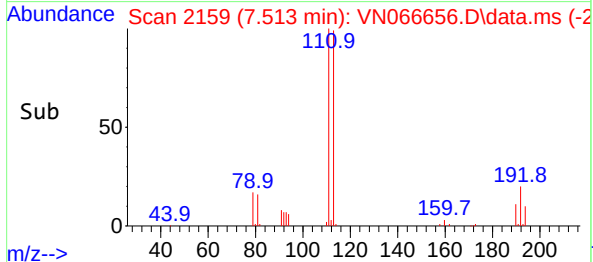
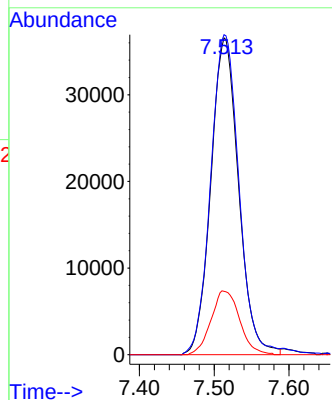
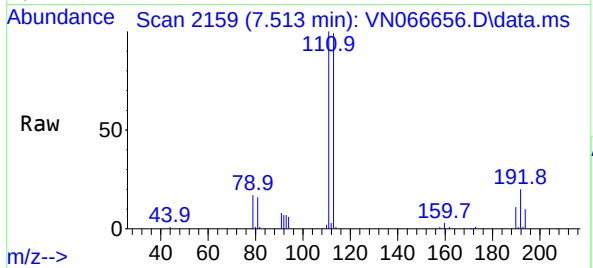




#35  
Dibromofluoromethane  
Concen: 28.82 ug/l  
RT: 7.513 min Scan# 2159  
Delta R.T. 0.002 min  
Lab File: VN066656.D  
Acq: 19 Apr 2021 12:44

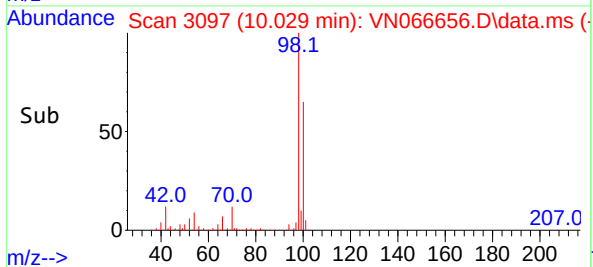
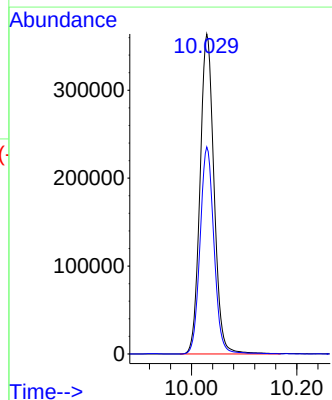
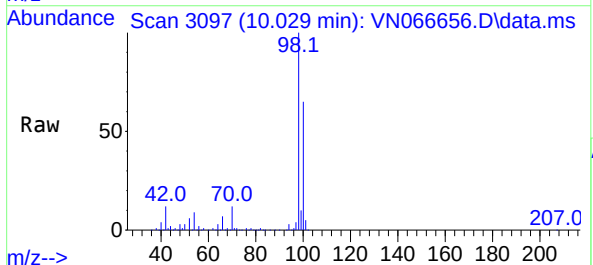
Instrument :  
MSVOA\_N  
ClientSampleId :  
JGD-3150-D3550-B

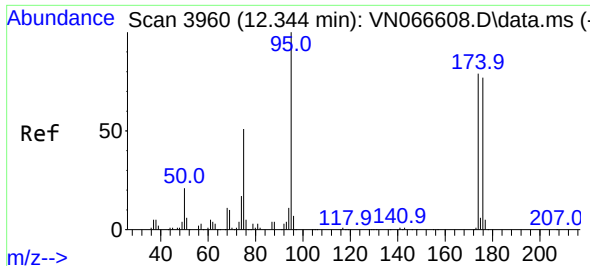
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 94227 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.6 | 82.2  | 123.2 |
| 192      | 20.8  | 15.4  | 23.0  |



#50  
Toluene-d8  
Concen: 52.37 ug/l  
RT: 10.029 min Scan# 3097  
Delta R.T. -0.000 min  
Lab File: VN066656.D  
Acq: 19 Apr 2021 12:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 671011 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.2  | 50.5  | 75.7   |

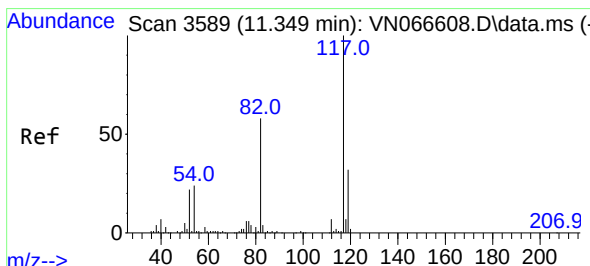
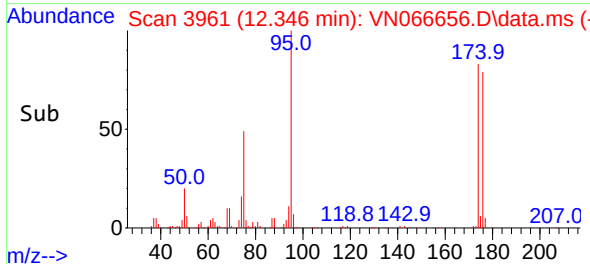
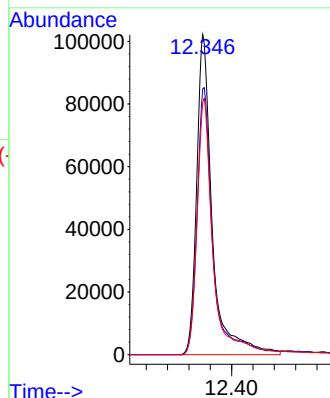
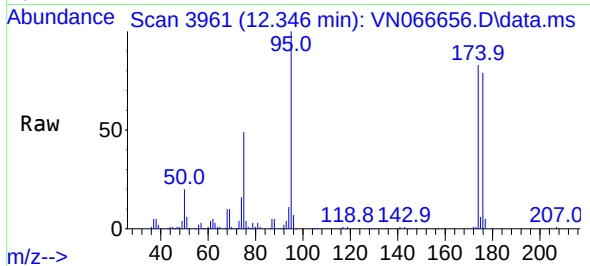




#62  
4-Bromofluorobenzene  
Concen: 46.25 ug/l  
RT: 12.346 min Scan# 3961  
Delta R.T. 0.002 min  
Lab File: VN066656.D  
Acq: 19 Apr 2021 12:44

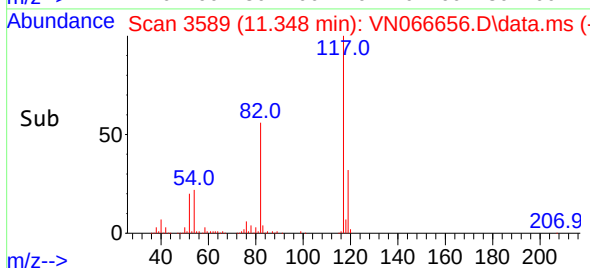
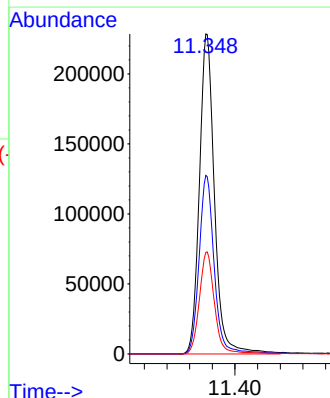
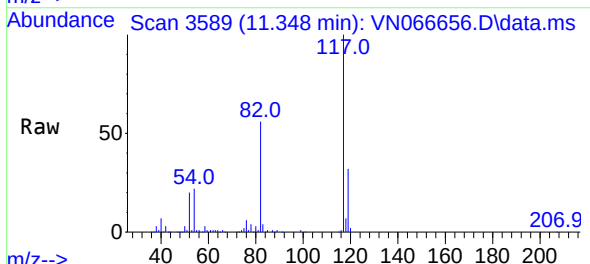
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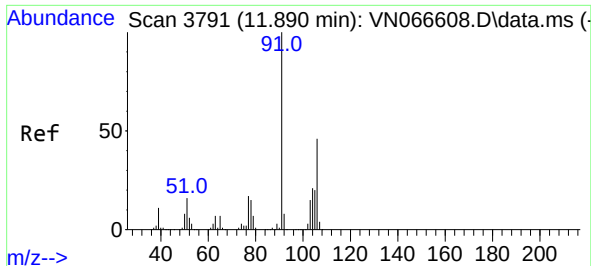
Tgt Ion: 95 Resp: 208398  
Ion Ratio Lower Upper  
95 100  
174 84.6 0.0 169.0  
176 79.9 0.0 162.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.348 min Scan# 3589  
Delta R.T. -0.001 min  
Lab File: VN066656.D  
Acq: 19 Apr 2021 12:44

Tgt Ion: 117 Resp: 422458  
Ion Ratio Lower Upper  
117 100  
82 55.8 43.7 65.5  
119 31.7 26.1 39.1

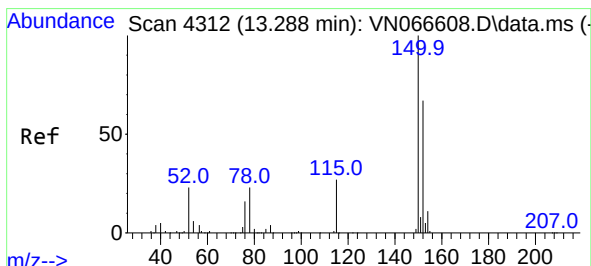
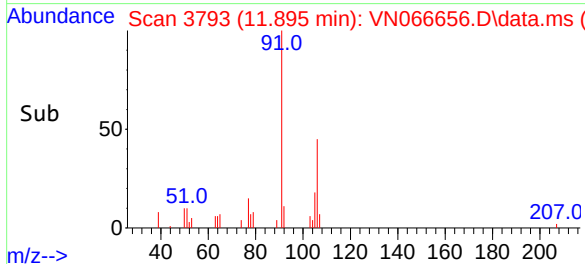
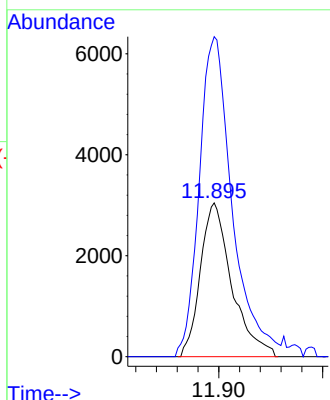
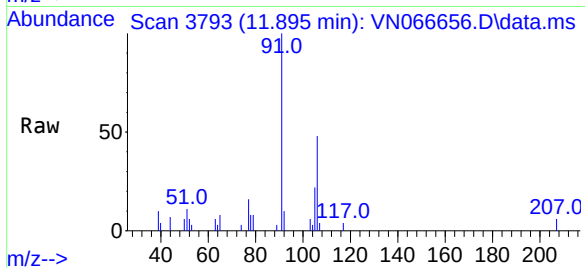




#69  
o-Xylene  
Concen: 1.13 ug/l  
RT: 11.895 min Scan# 3793  
Delta R.T. 0.005 min  
Lab File: VN066656.D  
Acq: 19 Apr 2021 12:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
JGD-3150-D3550-B

Tgt Ion:106 Resp: 6415  
Ion Ratio Lower Upper  
106 100  
91 217.8 106.8 320.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.287 min Scan# 4312  
Delta R.T. -0.001 min  
Lab File: VN066656.D  
Acq: 19 Apr 2021 12:44

Tgt Ion:152 Resp: 177517  
Ion Ratio Lower Upper  
152 100  
115 57.5 28.5 85.6  
150 160.1 0.0 347.6

