

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040621\  
 Data File : VN066502.D  
 Acq On : 6 Apr 2021 19:25  
 Operator : JC/MD  
 Sample : M1934-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-3

Quant Time: Apr 07 04:49:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040621W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 06 15:38:34 2021  
 Response via : Initial Calibration

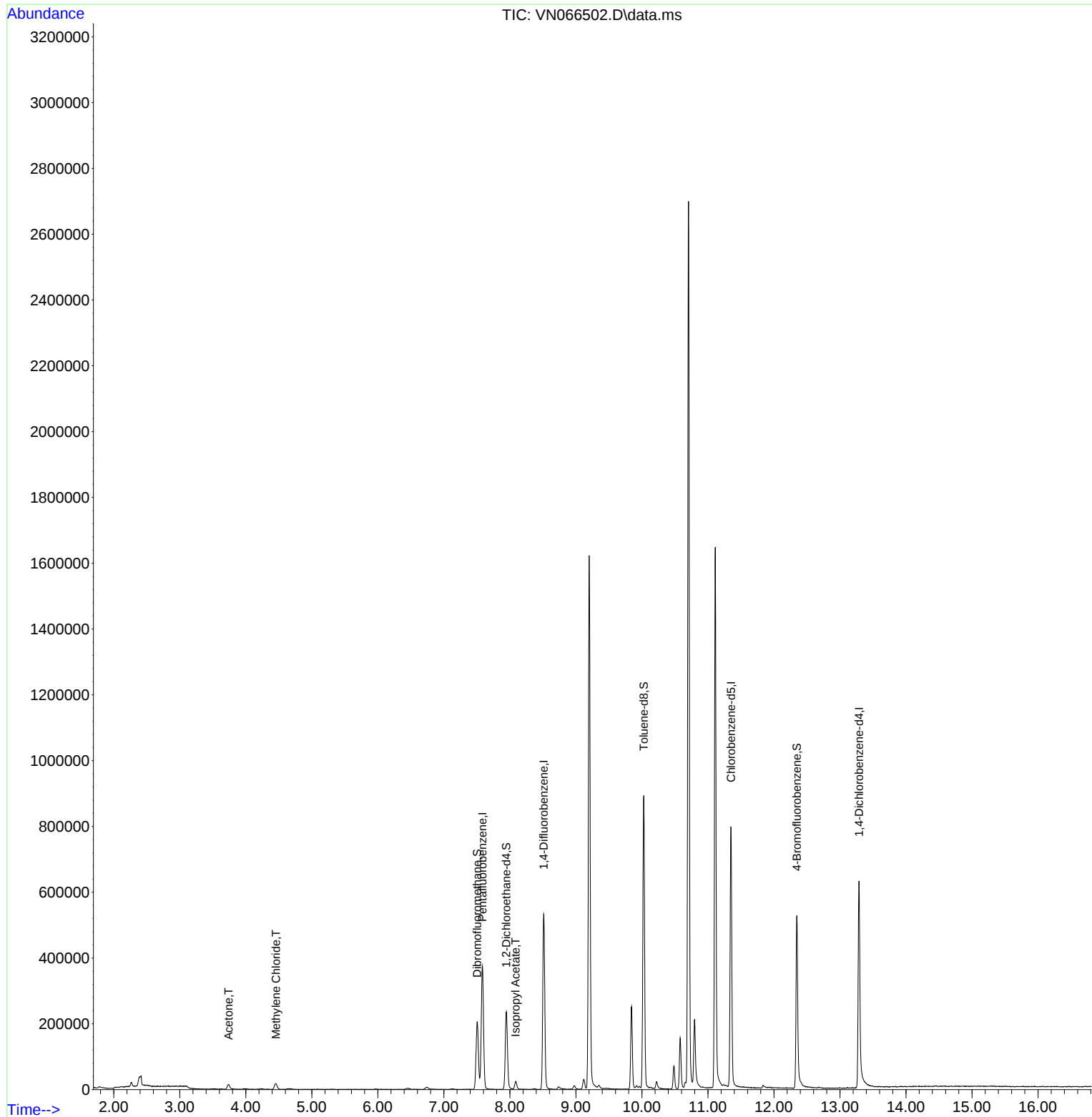
| Compound                    | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|--------|-------|----------|
| -----                       |                |      |            |        |       |          |
| Internal Standards          |                |      |            |        |       |          |
| 1) Pentafluorobenzene       | 7.584          | 168  | 319104     | 50.00  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.512          | 114  | 475780     | 50.00  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.350         | 117  | 464683     | 50.00  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.289         | 152  | 205878     | 50.00  | ug/l  | 0.00     |
| System Monitoring Compounds |                |      |            |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.947          | 65   | 198676     | 47.28  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 94.56% |       |          |
| 35) Dibromofluoromethane    | 7.504          | 113  | 156019     | 48.11  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 96.22% |       |          |
| 50) Toluene-d8              | 10.028         | 98   | 610824     | 49.58  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 99.16% |       |          |
| 62) 4-Bromofluorobenzene    | 12.348         | 95   | 193676     | 48.47  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 96.94% |       |          |
| Target Compounds            |                |      |            |        |       |          |
|                             |                |      |            |        |       | Qvalue   |
| 16) Acetone                 | 3.739          | 43   | 24514      | 13.92  | ug/l  | 92       |
| 20) Methylene Chloride      | 4.460          | 84   | 12838      | 3.40   | ug/l  | 90       |
| 43) Isopropyl Acetate       | 8.089          | 43   | 29256      | 3.30   | ug/l  | 98       |
| -----                       |                |      |            |        |       |          |

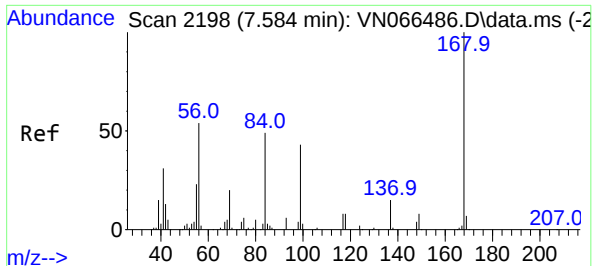
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M1934-02  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040621W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

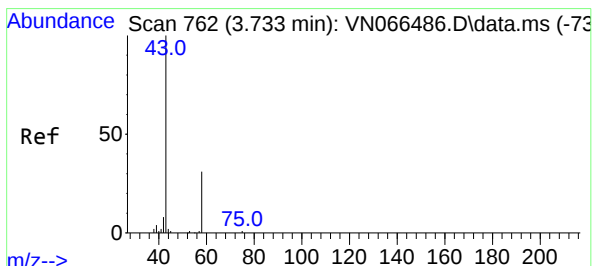
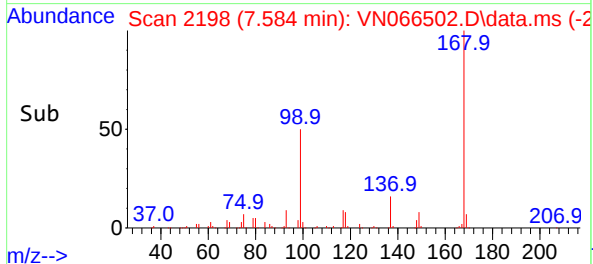
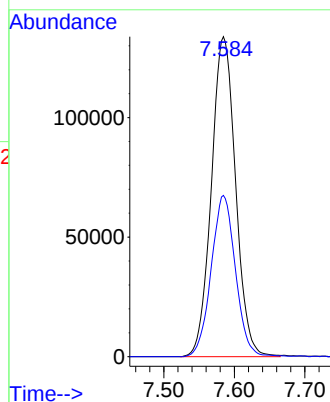
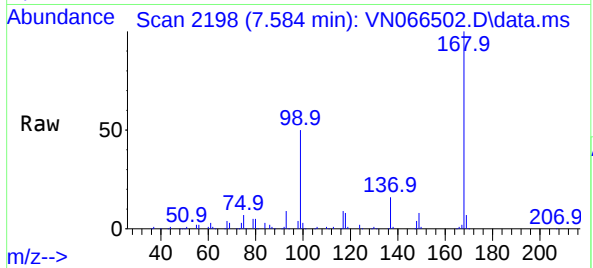




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.584 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

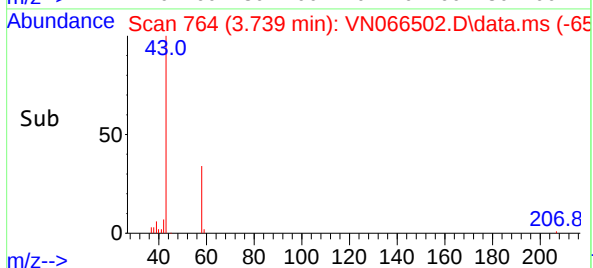
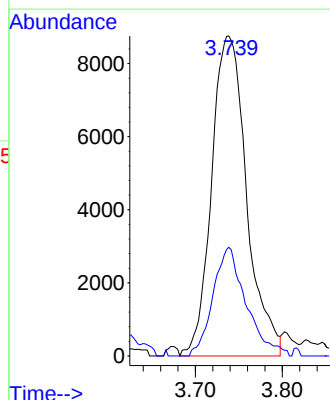
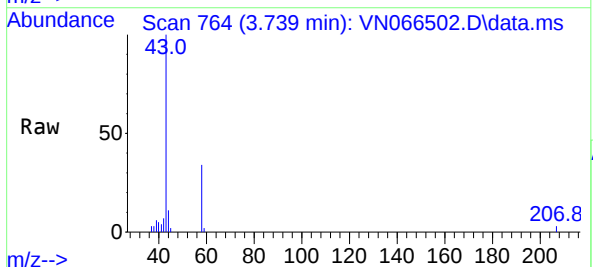
Instrument :  
MSVOA\_N  
ClientSampled :  
TP-3

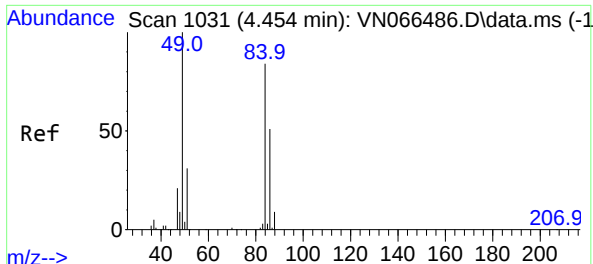
Tgt Ion:168 Resp: 319104  
Ion Ratio Lower Upper  
168 100  
99 50.4 41.1 61.7



#16  
Acetone  
Concen: 13.92 ug/l  
RT: 3.739 min Scan# 764  
Delta R.T. 0.006 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

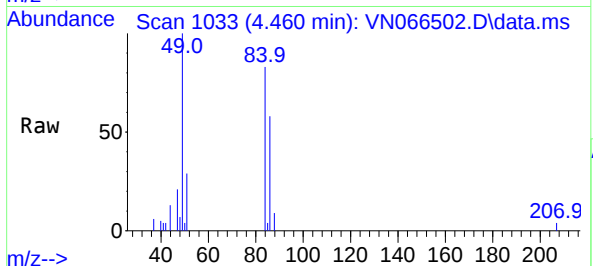
Tgt Ion: 43 Resp: 24514  
Ion Ratio Lower Upper  
43 100  
58 34.0 23.8 35.8





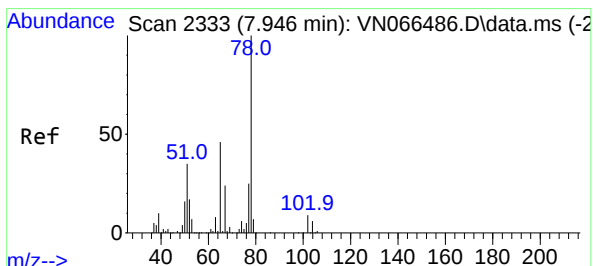
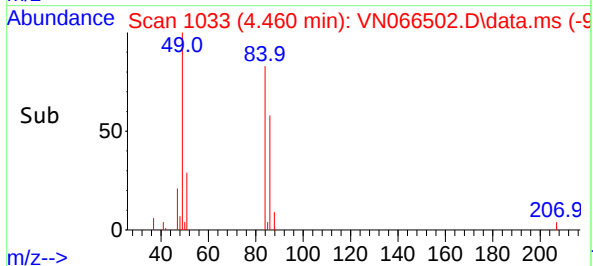
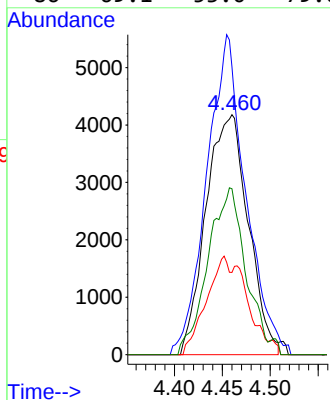
#20  
Methylene Chloride  
Concen: 3.40 ug/l  
RT: 4.460 min Scan# 1033  
Delta R.T. 0.006 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-3



Tgt Ion: 84 Resp: 12838

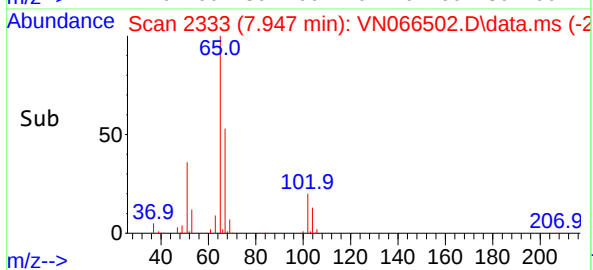
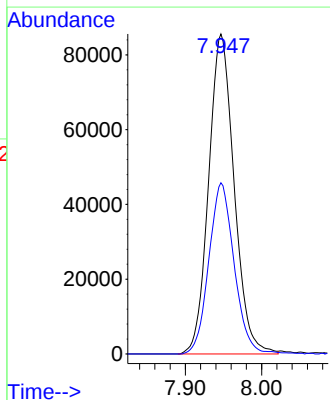
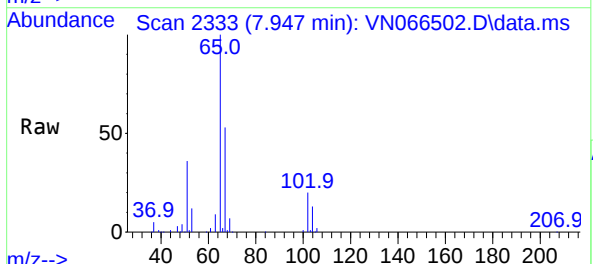
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 114.5 | 105.0 | 157.6 |
| 51  | 34.3  | 31.6  | 47.4  |
| 86  | 69.1  | 53.0  | 79.6  |

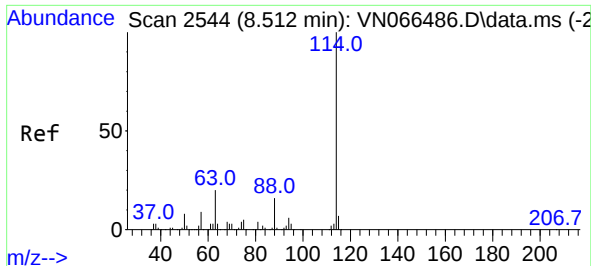


#33  
1,2-Dichloroethane-d4  
Concen: 47.28 ug/l  
RT: 7.947 min Scan# 2333  
Delta R.T. 0.001 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

Tgt Ion: 65 Resp: 198676

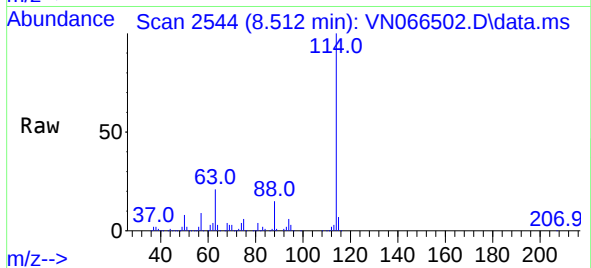
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 53.3  | 0.0   | 105.2 |



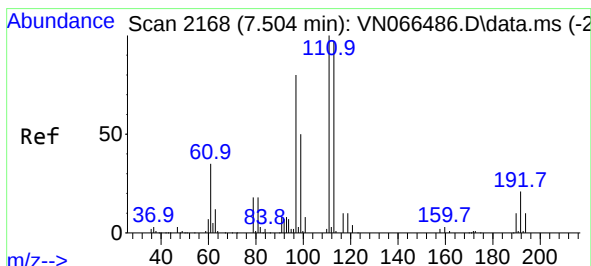
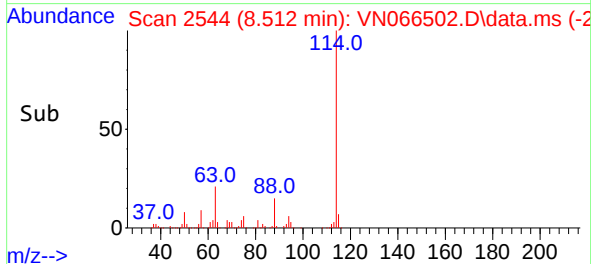
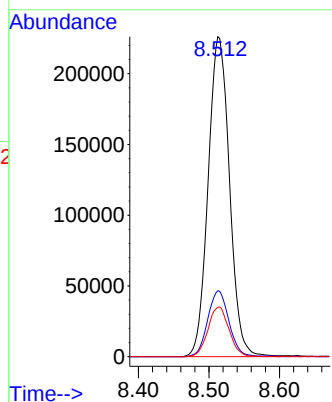


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.512 min Scan# 2544  
Delta R.T. 0.000 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

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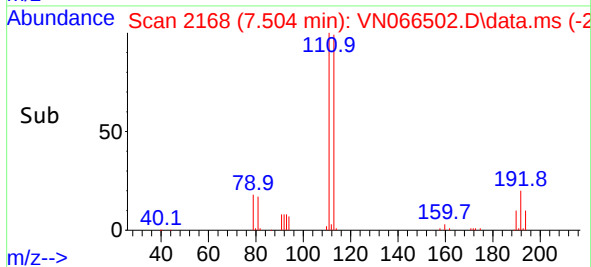
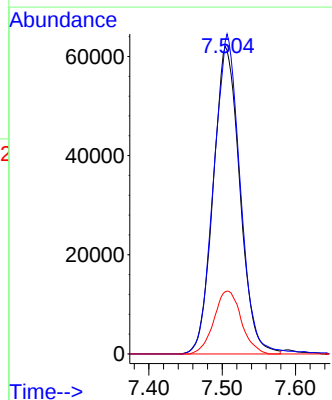
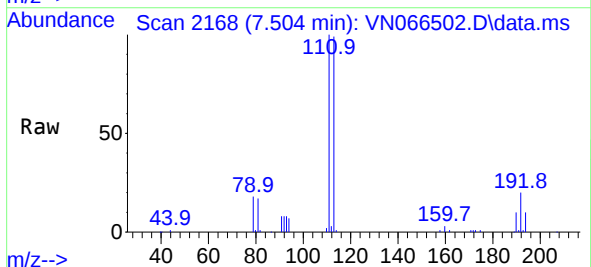


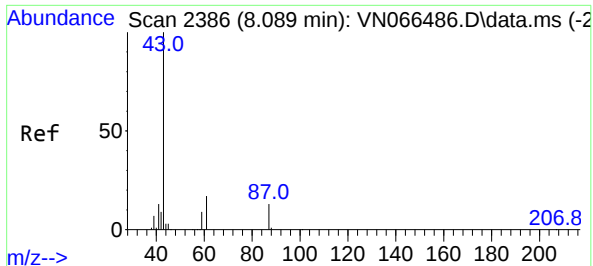
Tgt Ion:114 Resp: 475780  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 42.0  
88 15.4 0.0 31.0



#35  
Dibromofluoromethane  
Concen: 48.11 ug/l  
RT: 7.504 min Scan# 2168  
Delta R.T. 0.000 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

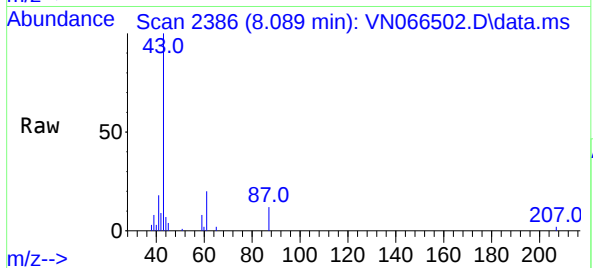
Tgt Ion:113 Resp: 156019  
Ion Ratio Lower Upper  
113 100  
111 103.3 81.8 122.8  
192 21.1 17.1 25.7



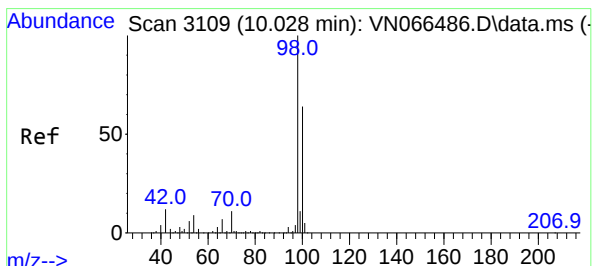
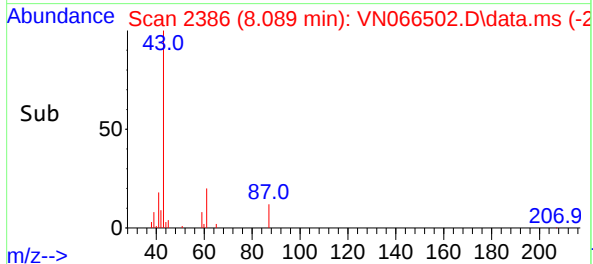
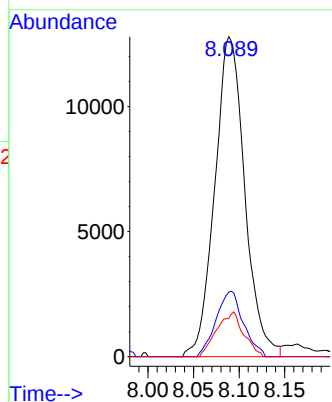


#43  
Isopropyl Acetate  
Concen: 3.30 ug/l  
RT: 8.089 min Scan# 2386  
Delta R.T. -0.000 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

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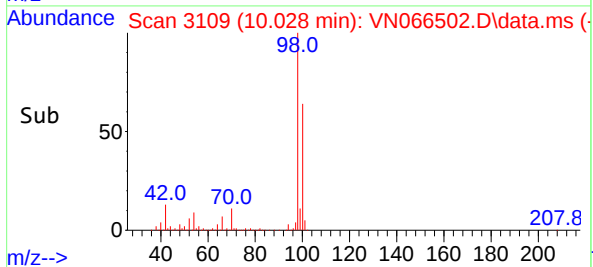
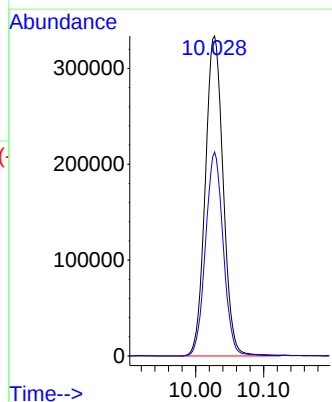
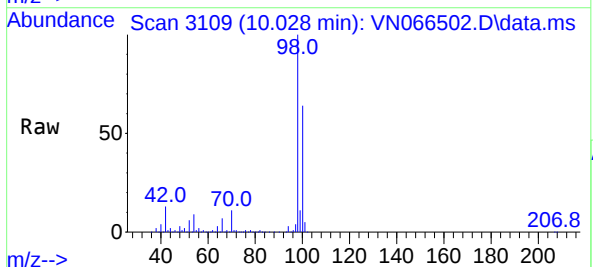


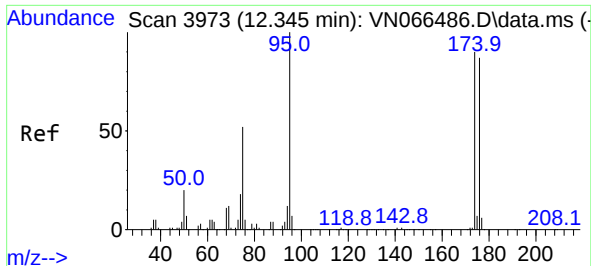
Tgt Ion: 43 Resp: 29256  
Ion Ratio Lower Upper  
43 100  
61 18.6 15.5 23.3  
87 12.5 10.5 15.7



#50  
Toluene-d8  
Concen: 49.58 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

Tgt Ion: 98 Resp: 610824  
Ion Ratio Lower Upper  
98 100  
100 63.2 50.5 75.7

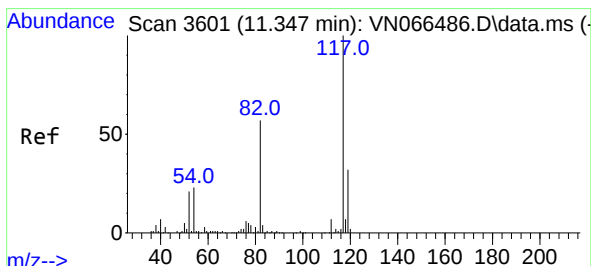
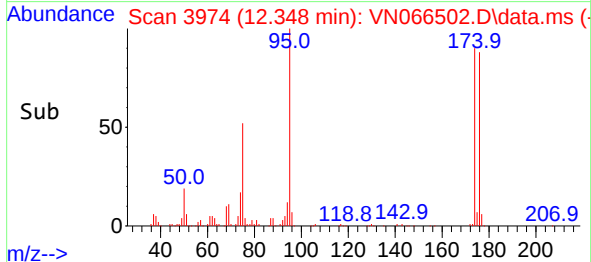
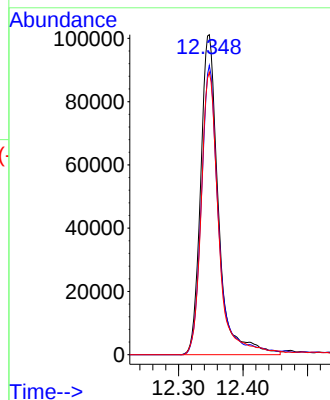
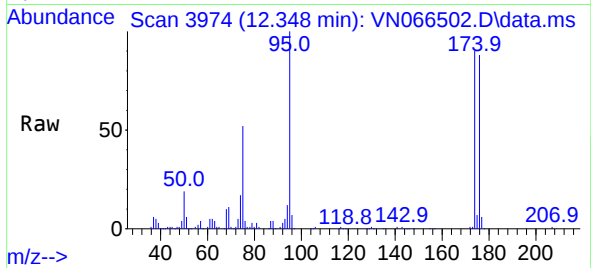




#62  
4-Bromofluorobenzene  
Concen: 48.47 ug/l  
RT: 12.348 min Scan# 3974  
Delta R.T. 0.003 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

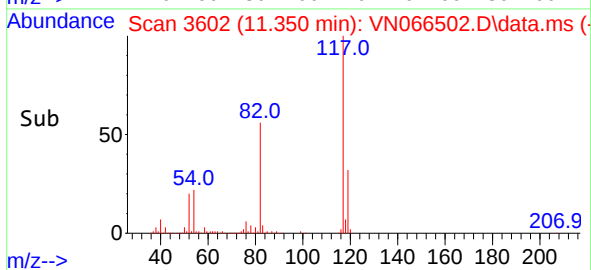
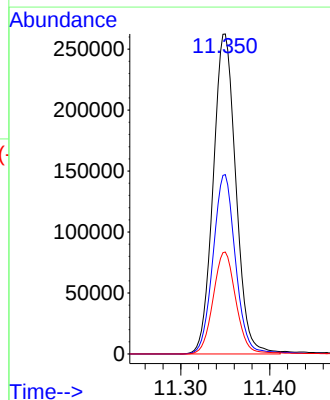
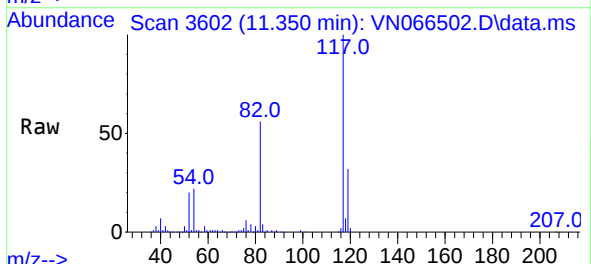
Instrument :  
MSVOA\_N  
ClientSampled :  
TP-3

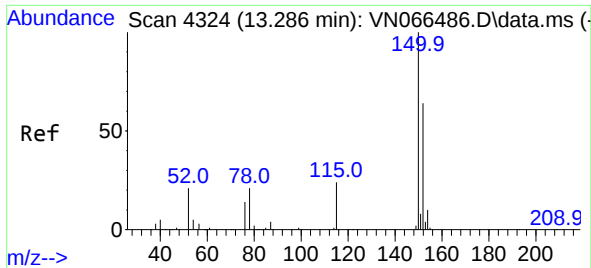
Tgt Ion: 95 Resp: 193676  
Ion Ratio Lower Upper  
95 100  
174 84.9 0.0 172.2  
176 87.0 0.0 167.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.350 min Scan# 3602  
Delta R.T. 0.003 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

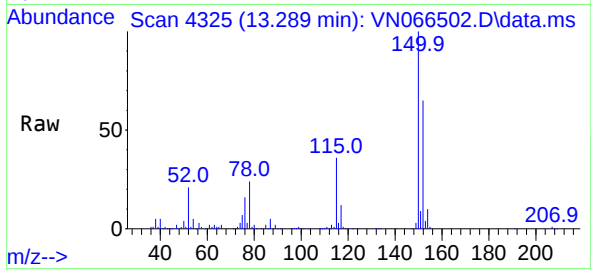
Tgt Ion:117 Resp: 464683  
Ion Ratio Lower Upper  
117 100  
82 56.1 44.2 66.4  
119 31.9 25.8 38.6





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.289 min Scan# 4325  
Delta R.T. 0.003 min  
Lab File: VN066502.D  
Acq: 6 Apr 2021 19:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:152 Resp: 205878  
Ion Ratio Lower Upper  
152 100  
115 53.1 27.8 83.4  
150 152.5 0.0 348.4

