

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040721\  
 Data File : VN066513.D  
 Acq On : 7 Apr 2021 18:12  
 Operator : JC/MD  
 Sample : PB135583ZH#02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB135583ZH#02

Quant Time: Apr 08 01:56:31 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

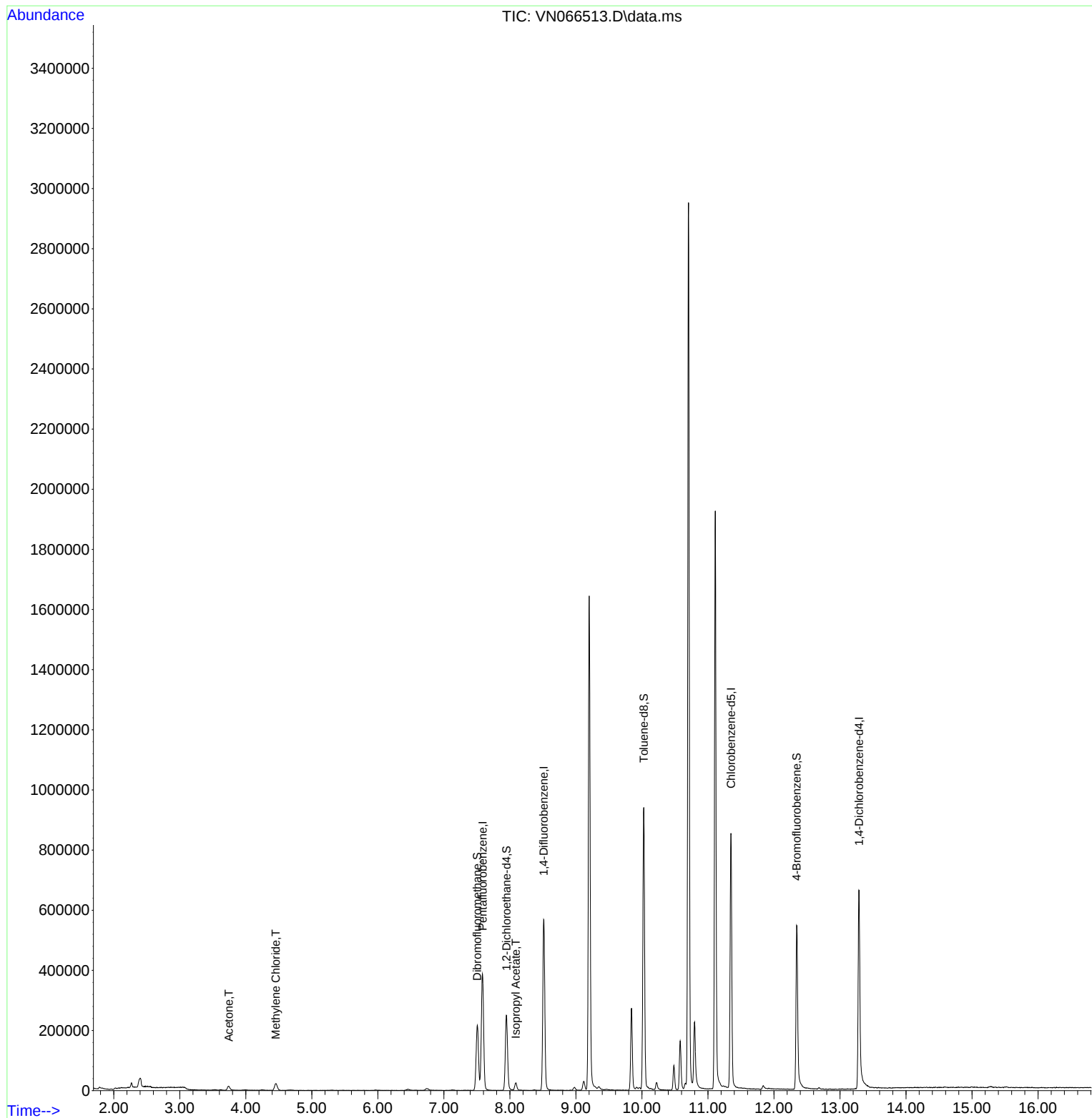
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.587  | 168   | 333452   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.515  | 114   | 503349   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.350 | 117   | 496690   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.289 | 152   | 207740   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.949  | 65    | 210365   | 47.90    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.80%   |
| 35) Dibromofluoromethane    | 7.507  | 113   | 167653   | 48.87    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.74%   |
| 50) Toluene-d8              | 10.028 | 98    | 644832   | 49.47    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 98.94%   |
| 62) 4-Bromofluorobenzene    | 12.345 | 95    | 200546   | 47.44    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 94.88%   |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 3.741  | 43    | 22787    | 12.38    | ug/l  | 97       |
| 20) Methylene Chloride      | 4.454  | 84    | 16249    | 4.11     | ug/l  | 94       |
| 43) Isopropyl Acetate       | 8.091  | 43    | 30554    | 3.26     | ug/l  | 98       |
| -----                       |        |       |          |          |       |          |

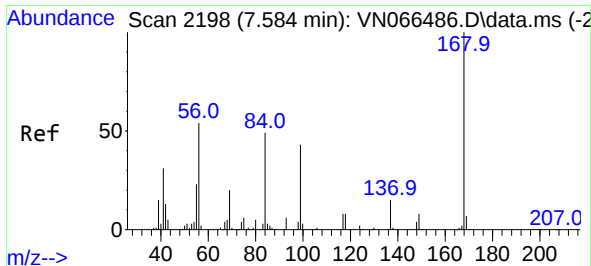
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040721\  
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Sample : PB135583ZH#02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Time: Apr 08 01:56:31 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

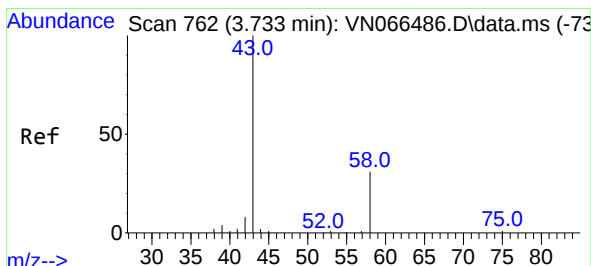
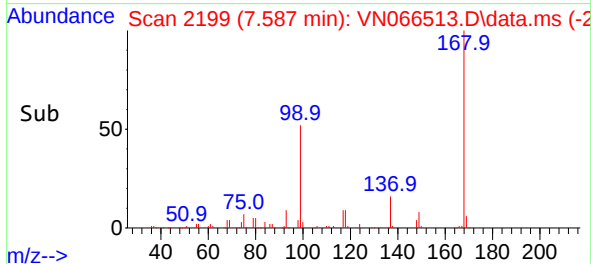
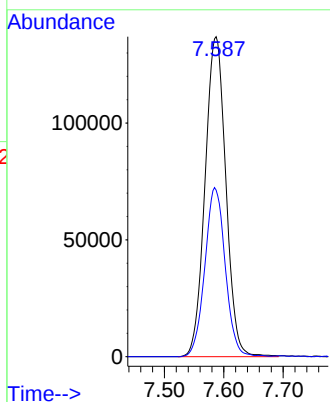
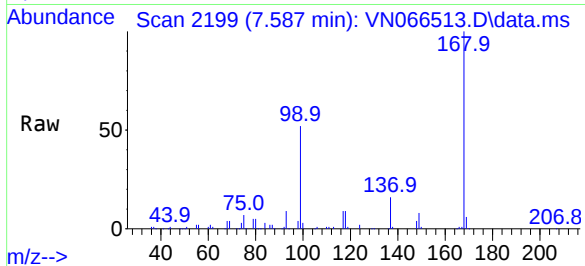




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.587 min Scan# 2199  
Delta R.T. 0.003 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12

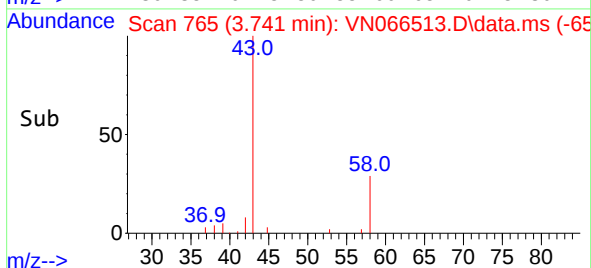
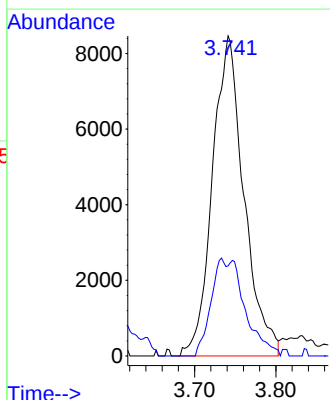
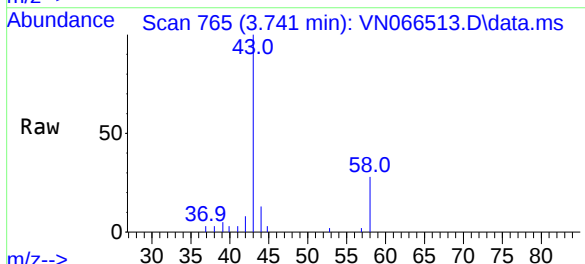
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB135583ZH#02

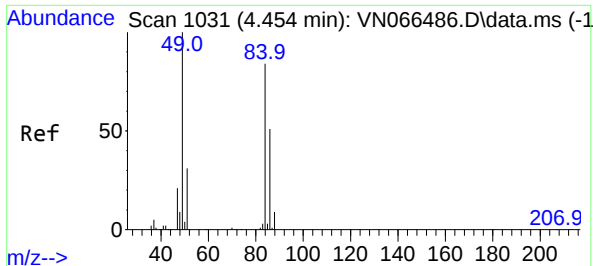
Tgt Ion:168 Resp: 333452  
Ion Ratio Lower Upper  
168 100  
99 52.1 41.1 61.7



#16  
Acetone  
Concen: 12.38 ug/l  
RT: 3.741 min Scan# 765  
Delta R.T. 0.008 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12

Tgt Ion: 43 Resp: 22787  
Ion Ratio Lower Upper  
43 100  
58 28.2 23.8 35.8



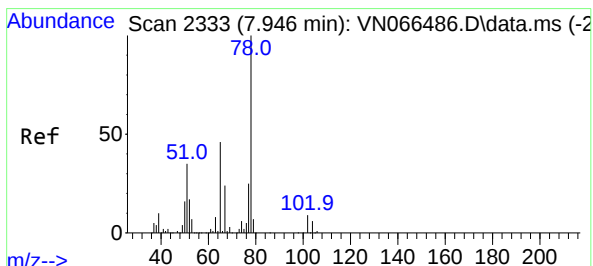
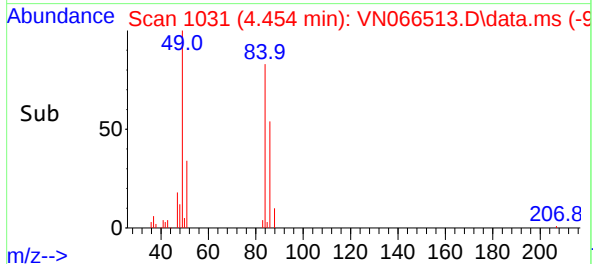
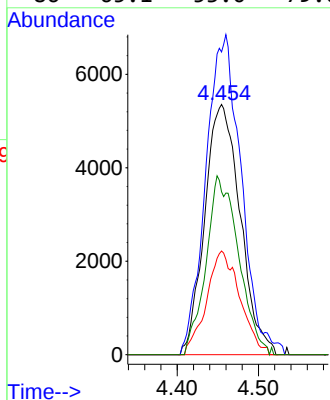
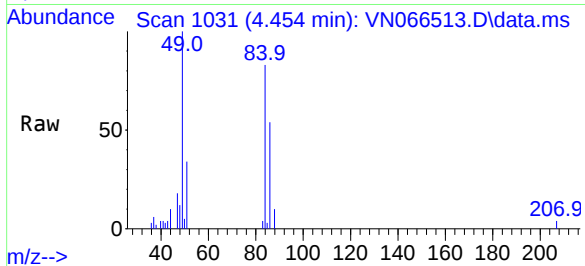


#20  
Methylene Chloride  
Concen: 4.11 ug/l  
RT: 4.454 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB135583ZH#02

Tgt Ion: 84 Resp: 16249

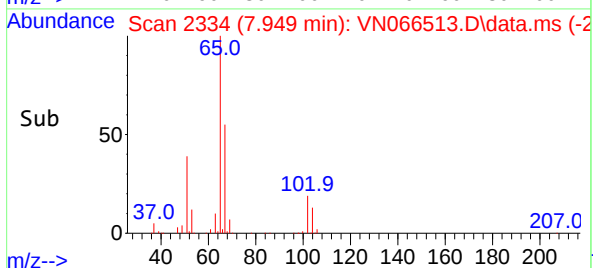
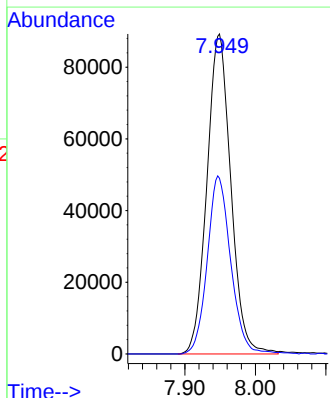
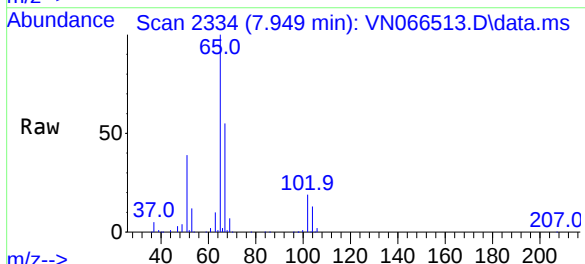
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 121.0 | 105.0 | 157.6 |
| 51  | 41.4  | 31.6  | 47.4  |
| 86  | 65.1  | 53.0  | 79.6  |

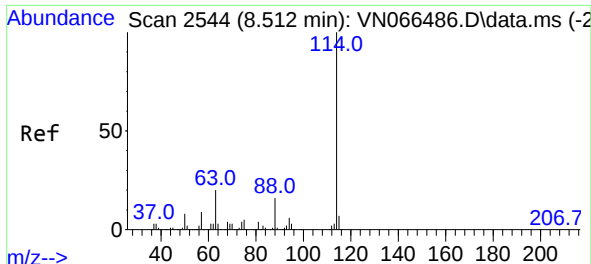


#33  
1,2-Dichloroethane-d4  
Concen: 47.90 ug/l  
RT: 7.949 min Scan# 2334  
Delta R.T. 0.003 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12

Tgt Ion: 65 Resp: 210365

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 54.7  | 0.0   | 105.2 |

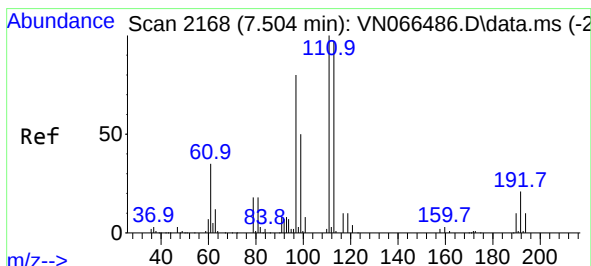
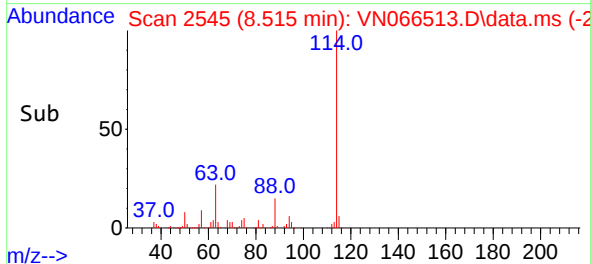
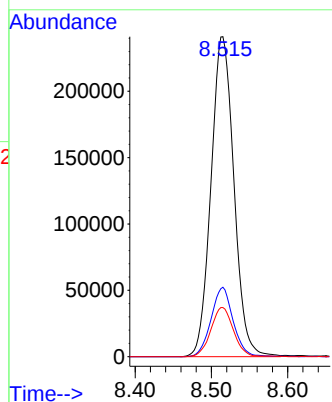
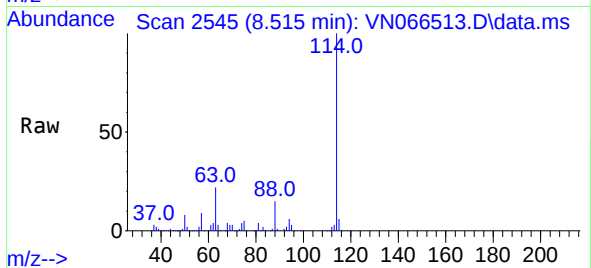




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.515 min Scan# 2545  
Delta R.T. 0.003 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12

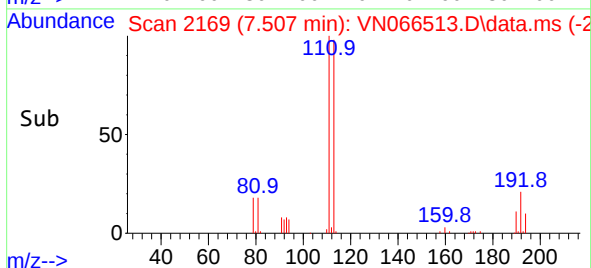
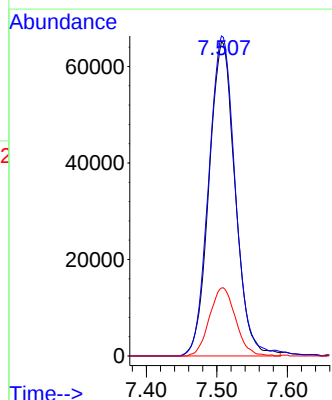
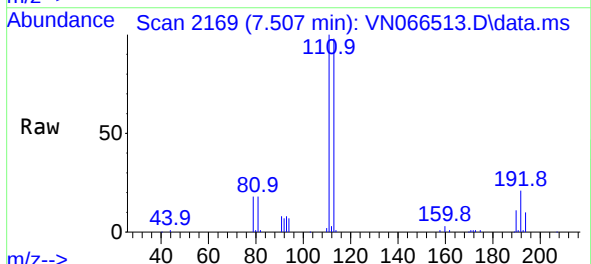
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB135583ZH#02

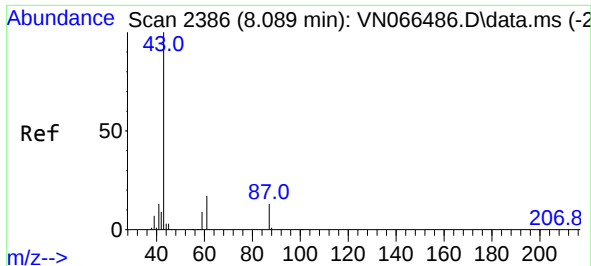
Tgt Ion:114 Resp: 503349  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 42.0  
88 15.4 0.0 31.0



#35  
Dibromofluoromethane  
Concen: 48.87 ug/l  
RT: 7.507 min Scan# 2169  
Delta R.T. 0.003 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12

Tgt Ion:113 Resp: 167653  
Ion Ratio Lower Upper  
113 100  
111 102.7 81.8 122.8  
192 21.7 17.1 25.7



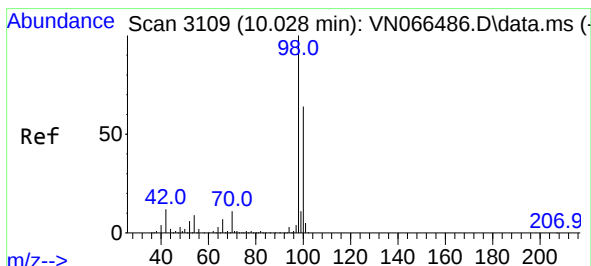
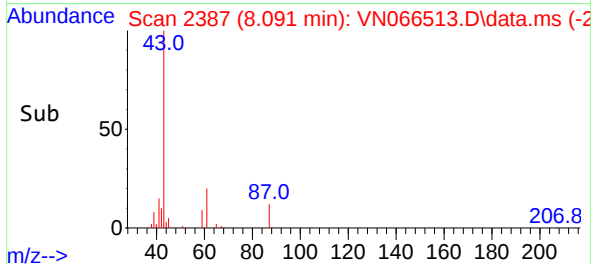
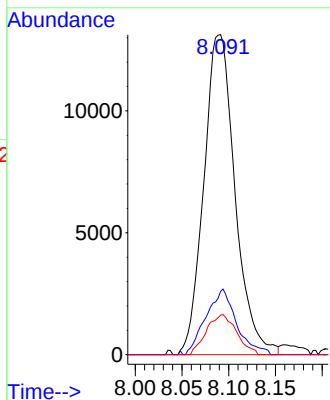
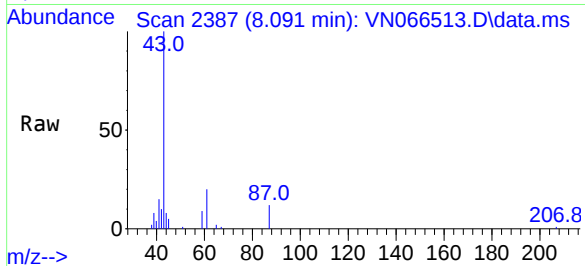


#43  
Isopropyl Acetate  
Concen: 3.26 ug/l  
RT: 8.091 min Scan# 2387  
Delta R.T. 0.002 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB135583ZH#02

Tgt Ion: 43 Resp: 30554

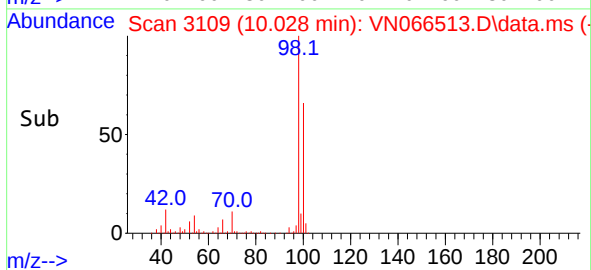
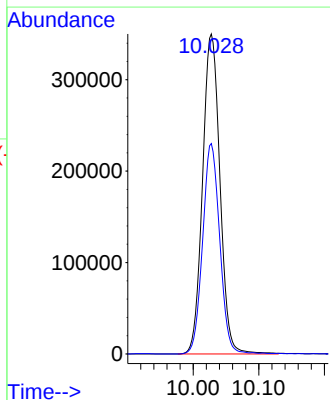
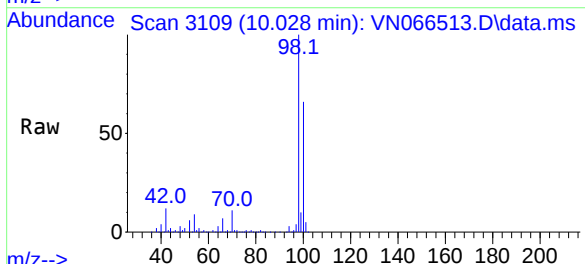
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 20.0  | 15.5  | 23.3  |
| 87  | 12.1  | 10.5  | 15.7  |

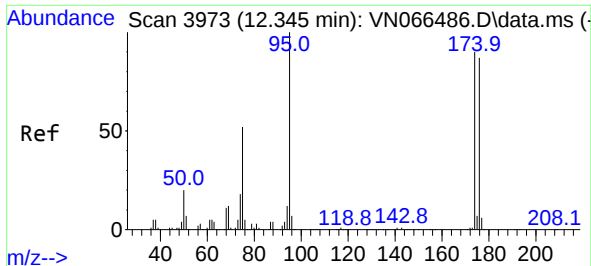


#50  
Toluene-d8  
Concen: 49.47 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12

Tgt Ion: 98 Resp: 644832

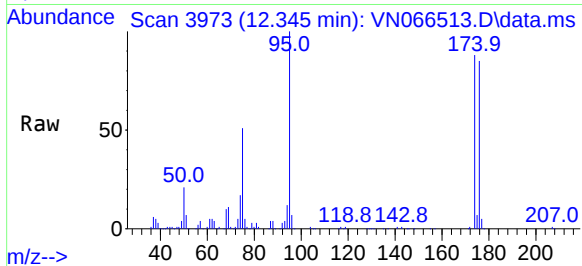
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.3  | 50.5  | 75.7  |



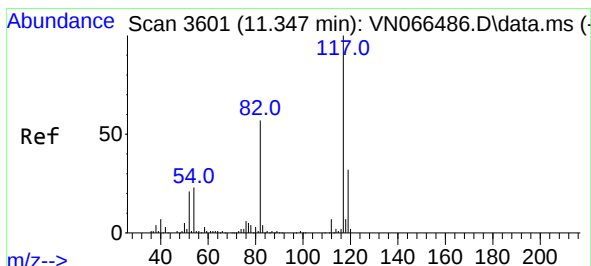
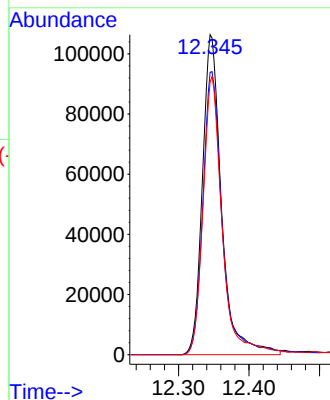
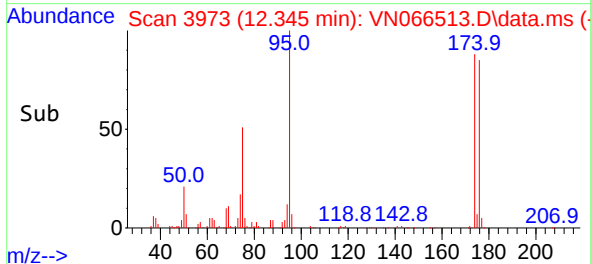


#62  
4-Bromofluorobenzene  
Concen: 47.44 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. -0.000 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12

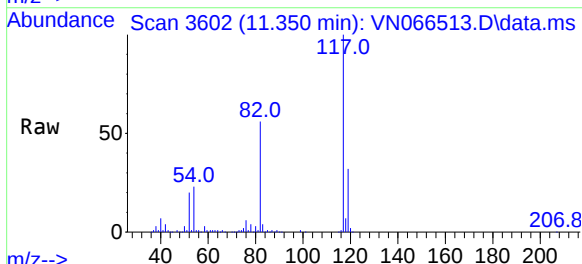
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB135583ZH#02



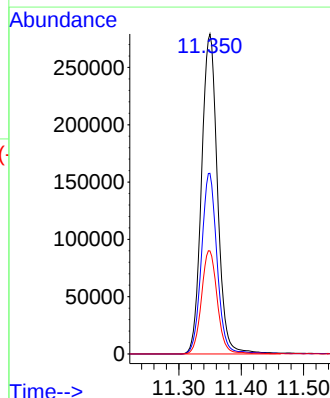
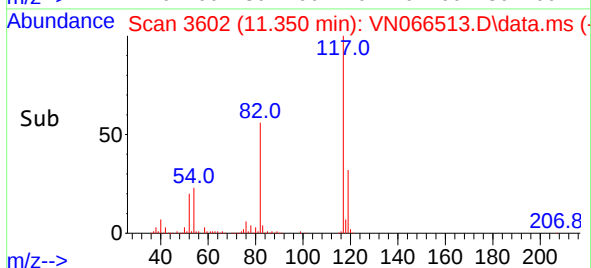
Tgt Ion: 95 Resp: 200546  
Ion Ratio Lower Upper  
95 100  
174 88.1 0.0 172.2  
176 86.8 0.0 167.8

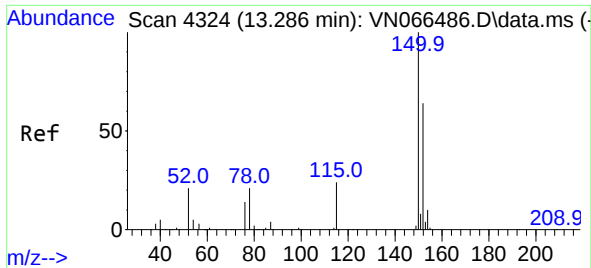


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.350 min Scan# 3602  
Delta R.T. 0.003 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12



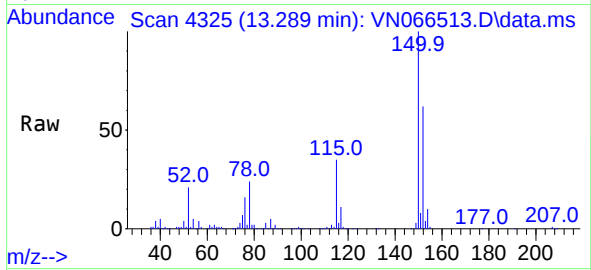
Tgt Ion: 117 Resp: 496690  
Ion Ratio Lower Upper  
117 100  
82 56.4 44.2 66.4  
119 32.2 25.8 38.6





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.289 min Scan# 4325  
Delta R.T. 0.003 min  
Lab File: VN066513.D  
Acq: 7 Apr 2021 18:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB135583ZH#02



Tgt Ion:152 Resp: 207740  
Ion Ratio Lower Upper  
152 100  
115 56.5 27.8 83.4  
150 159.3 0.0 348.4

