

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082321\  
 Data File : VN068274.D  
 Acq On : 23 Aug 2021 17:22  
 Operator : JC/MD  
 Sample : PB138622ZHE#06  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB138622ZHE#06

Quant Time: Aug 24 03:55:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 13:09:49 2021  
 Response via : Initial Calibration

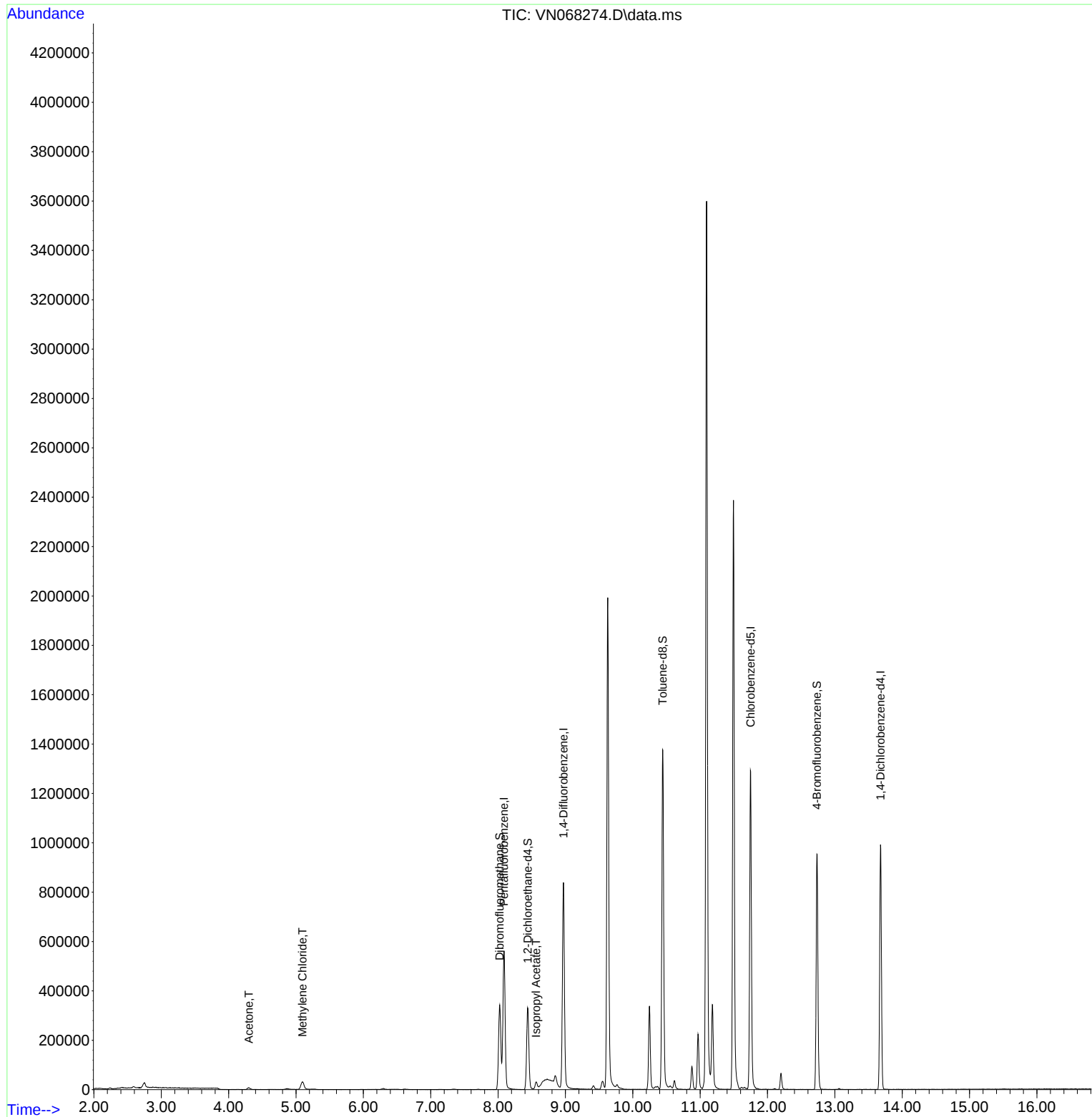
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.088     | 168   | 460802   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.971     | 114   | 795615   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.749    | 117   | 842031   | 50.000   | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4  | 13.677    | 152   | 305856   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 279327   | 56.773   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =     | 113.540% |
| 35) Dibromofluoromethane    | 8.024     | 113   | 252586   | 50.567   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =     | 101.140% |
| 50) Toluene-d8              | 10.443    | 98    | 1020607  | 53.623   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =     | 107.240% |
| 62) 4-Bromofluorobenzene    | 12.733    | 95    | 329035   | 51.931   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =     | 103.860% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 4.299     | 43    | 13854    | 9.644    | ug/l  | # 80     |
| 20) Methylene Chloride      | 5.095     | 84    | 26508    | 4.745    | ug/l  | 87       |
| 43) Isopropyl Acetate       | 8.566     | 43    | 37200    | 4.191    | ug/l  | # 90     |
| -----                       |           |       |          |          |       |          |

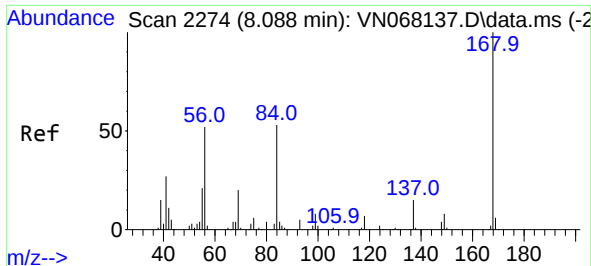
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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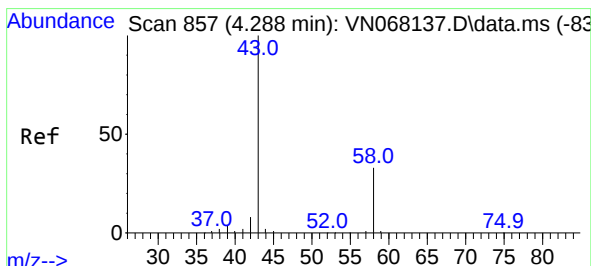
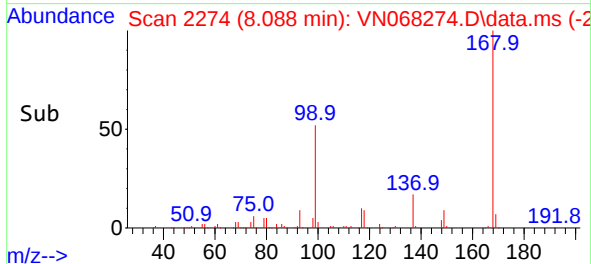
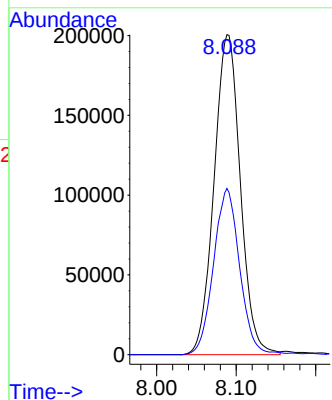
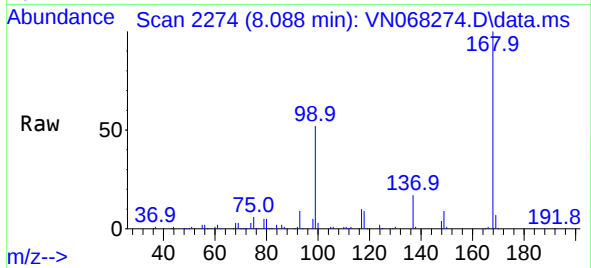




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068274.D  
Acq: 23 Aug 2021 17:22

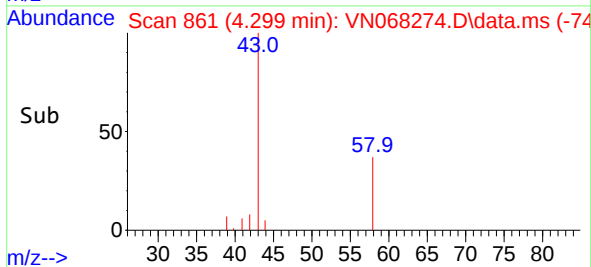
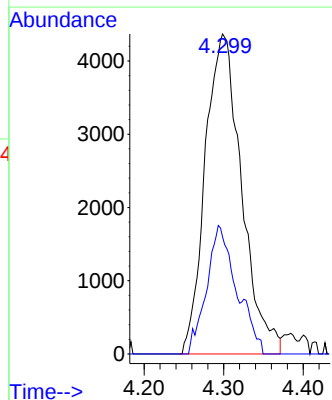
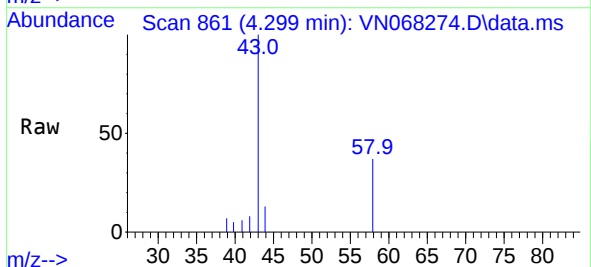
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138622ZHE#06

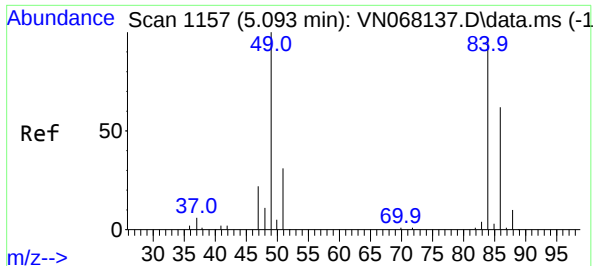
Tgt Ion:168 Resp: 460802  
Ion Ratio Lower Upper  
168 100  
99 52.0 62.9 94.3#



#16  
Acetone  
Concen: 9.644 ug/l  
RT: 4.299 min Scan# 861  
Delta R.T. 0.011 min  
Lab File: VN068274.D  
Acq: 23 Aug 2021 17:22

Tgt Ion: 43 Resp: 13854  
Ion Ratio Lower Upper  
43 100  
58 36.6 21.2 31.8#



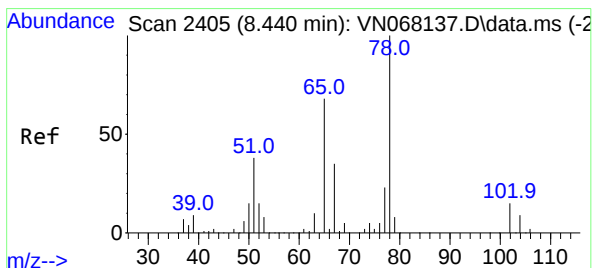
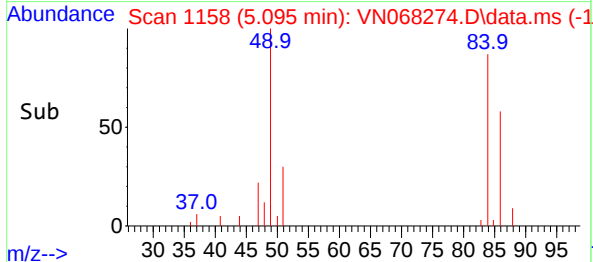
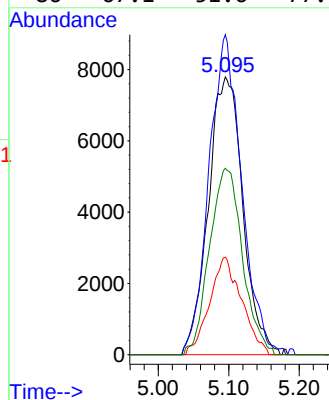
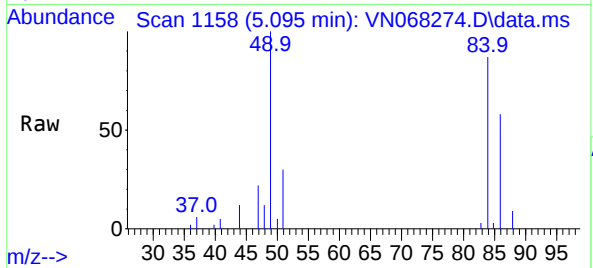


#20  
Methylene Chloride  
Concen: 4.745 ug/l  
RT: 5.095 min Scan# 1158  
Delta R.T. 0.002 min  
Lab File: VN068274.D  
Acq: 23 Aug 2021 17:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138622ZHE#06

Tgt Ion: 84 Resp: 26508

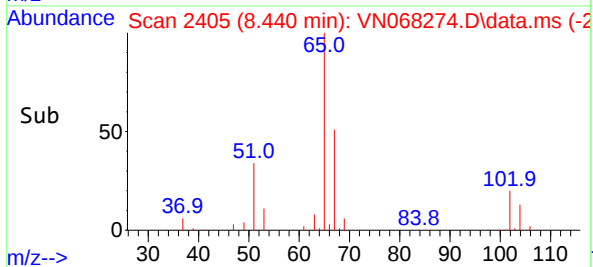
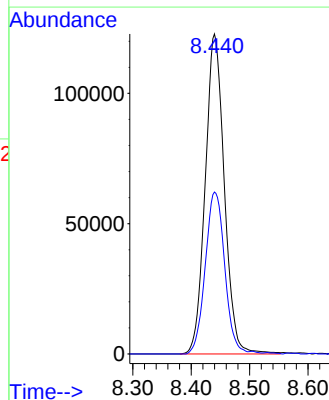
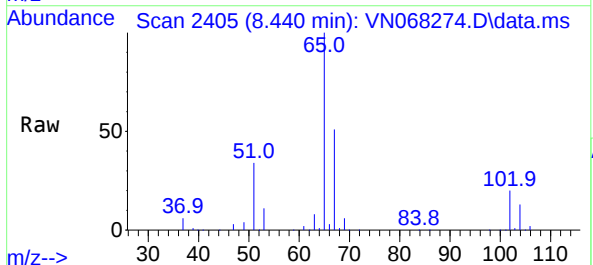
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 115.2 | 110.9 | 166.3 |
| 51  | 35.1  | 32.6  | 49.0  |
| 86  | 67.1  | 51.6  | 77.4  |

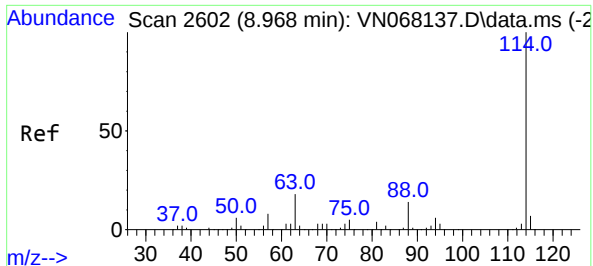


#33  
1,2-Dichloroethane-d4  
Concen: 56.773 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068274.D  
Acq: 23 Aug 2021 17:22

Tgt Ion: 65 Resp: 279327

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.4  | 0.0   | 98.6  |

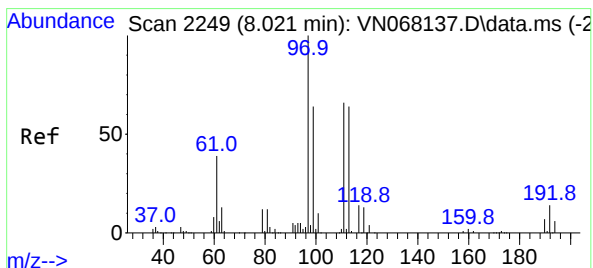
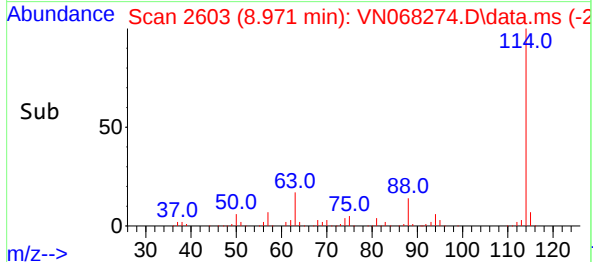
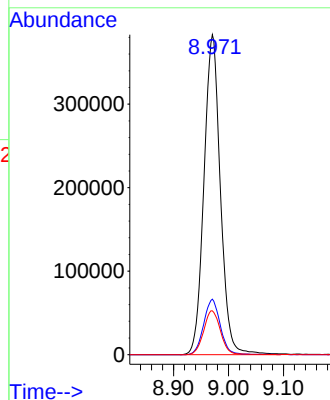
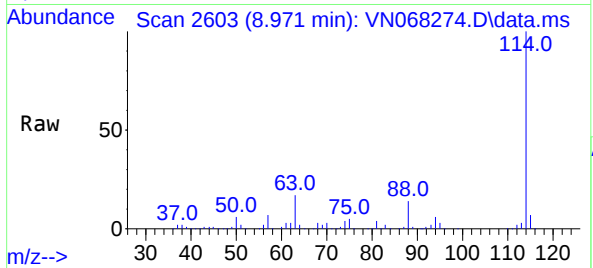




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068274.D  
Acq: 23 Aug 2021 17:22

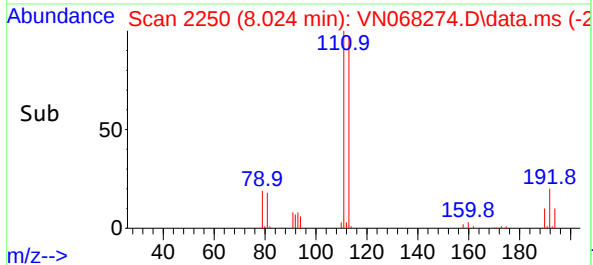
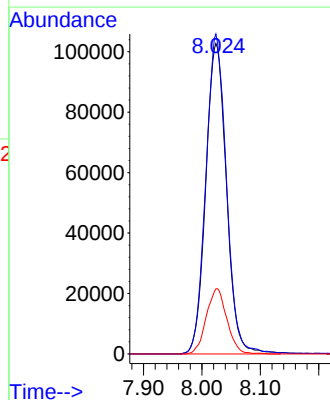
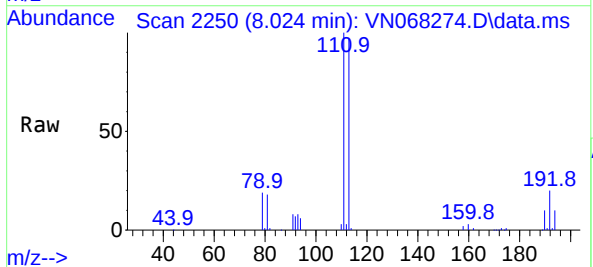
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138622ZHE#06

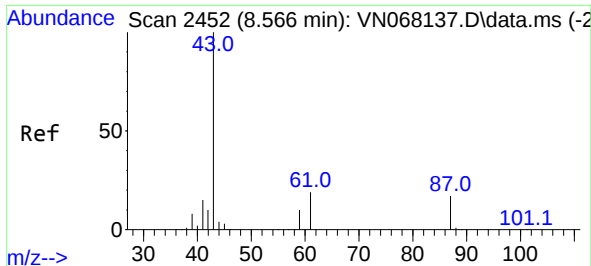
Tgt Ion:114 Resp: 795615  
Ion Ratio Lower Upper  
114 100  
63 17.3 0.0 49.0  
88 13.7 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 50.567 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN068274.D  
Acq: 23 Aug 2021 17:22

Tgt Ion:113 Resp: 252586  
Ion Ratio Lower Upper  
113 100  
111 102.8 83.8 125.8  
192 20.9 13.4 20.0#

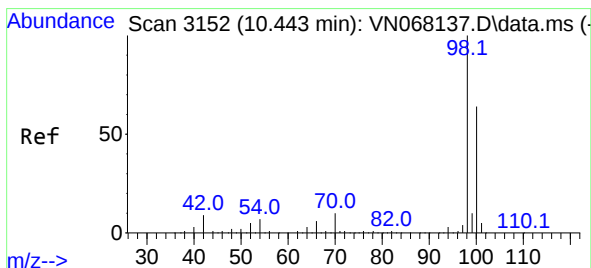
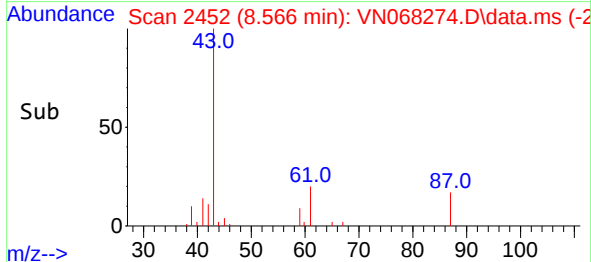
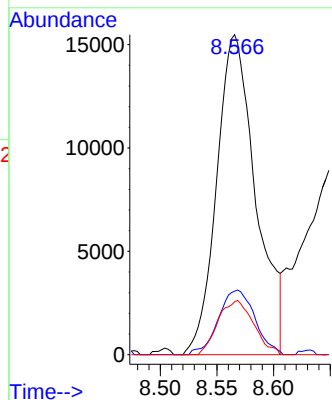
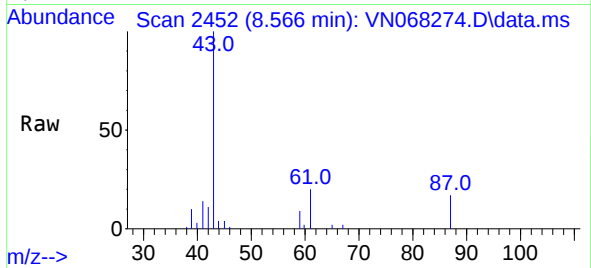




#43  
Isopropyl Acetate  
Concen: 4.191 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. -0.000 min  
Lab File: VN068274.D  
Acq: 23 Aug 2021 17:22

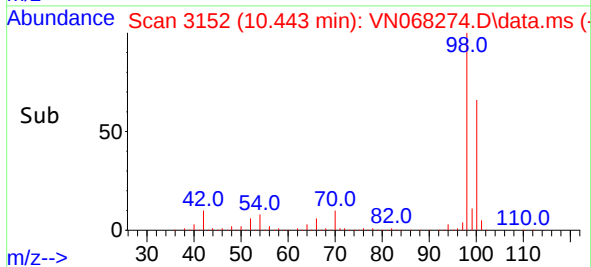
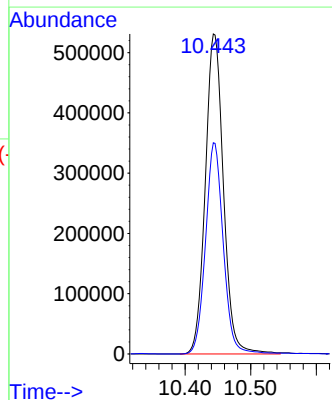
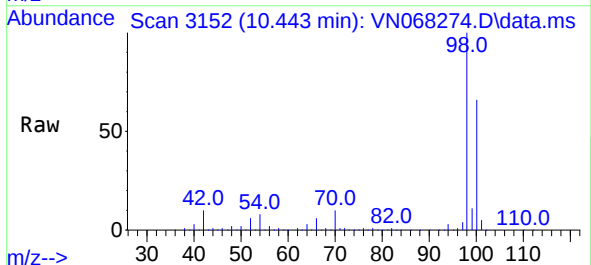
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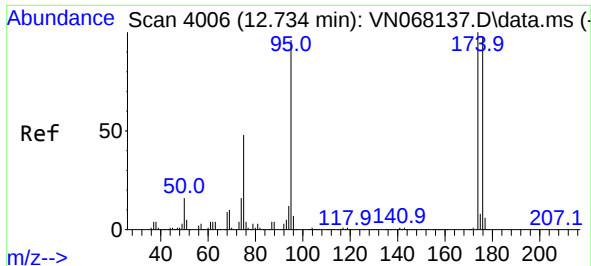
Tgt Ion: 43 Resp: 37200  
Ion Ratio Lower Upper  
43 100  
61 18.9 19.0 28.4#  
87 15.4 9.5 14.3#



#50  
Toluene-d8  
Concen: 53.623 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN068274.D  
Acq: 23 Aug 2021 17:22

Tgt Ion: 98 Resp: 1020607  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.7 77.5

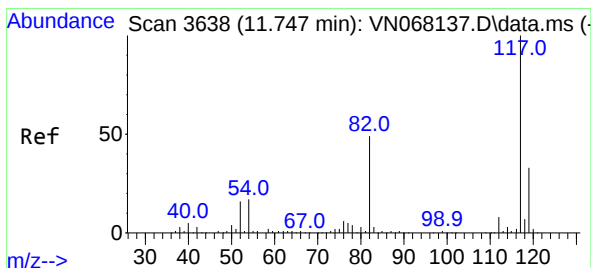
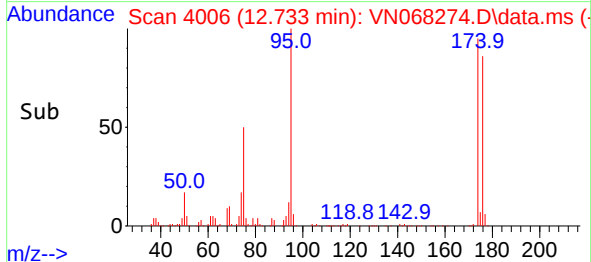
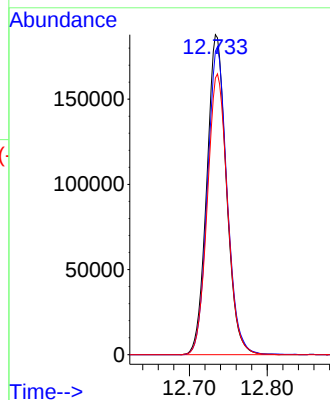
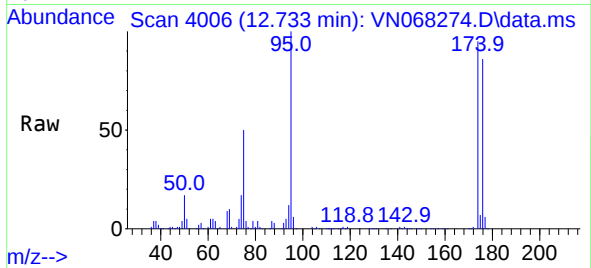




#62  
4-Bromofluorobenzene  
Concen: 51.931 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN068274.D  
Acq: 23 Aug 2021 17:22

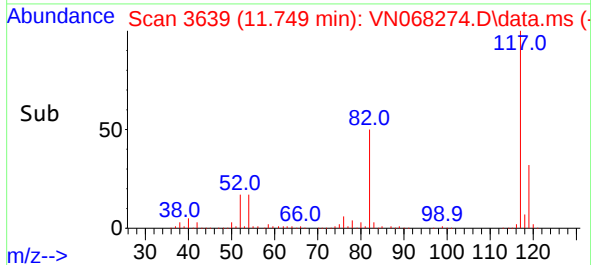
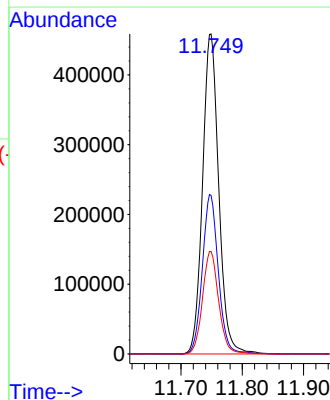
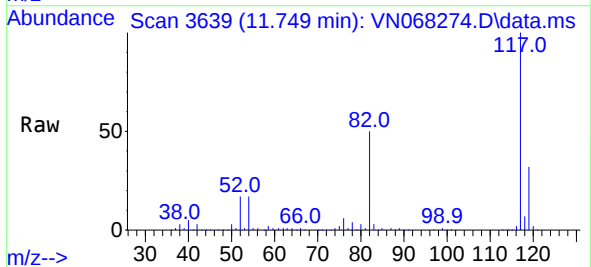
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ClientSampleId :  
PB138622ZHE#06

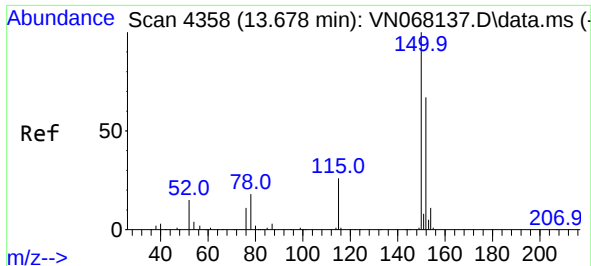
Tgt Ion: 95 Resp: 329035  
Ion Ratio Lower Upper  
95 100  
174 96.5 0.0 122.0  
176 90.1 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.002 min  
Lab File: VN068274.D  
Acq: 23 Aug 2021 17:22

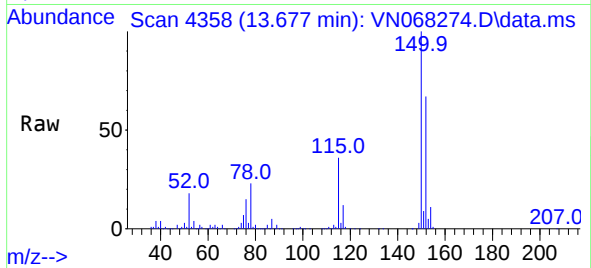
Tgt Ion: 117 Resp: 842031  
Ion Ratio Lower Upper  
117 100  
82 49.6 53.1 79.7#  
119 32.0 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.677 min Scan# 4358  
 Delta R.T. -0.001 min  
 Lab File: VN068274.D  
 Acq: 23 Aug 2021 17:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB138622ZHE#06



Tgt Ion:152 Resp: 305856  
 Ion Ratio Lower Upper  
 152 100  
 115 54.5 36.1 108.5  
 150 155.8 0.0 351.8

