

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082621\  
 Data File : VN068320.D  
 Acq On : 26 Aug 2021 15:23  
 Operator : JC/MD  
 Sample : PB138700TB  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB138700TB

Quant Time: Aug 27 05:53:19 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

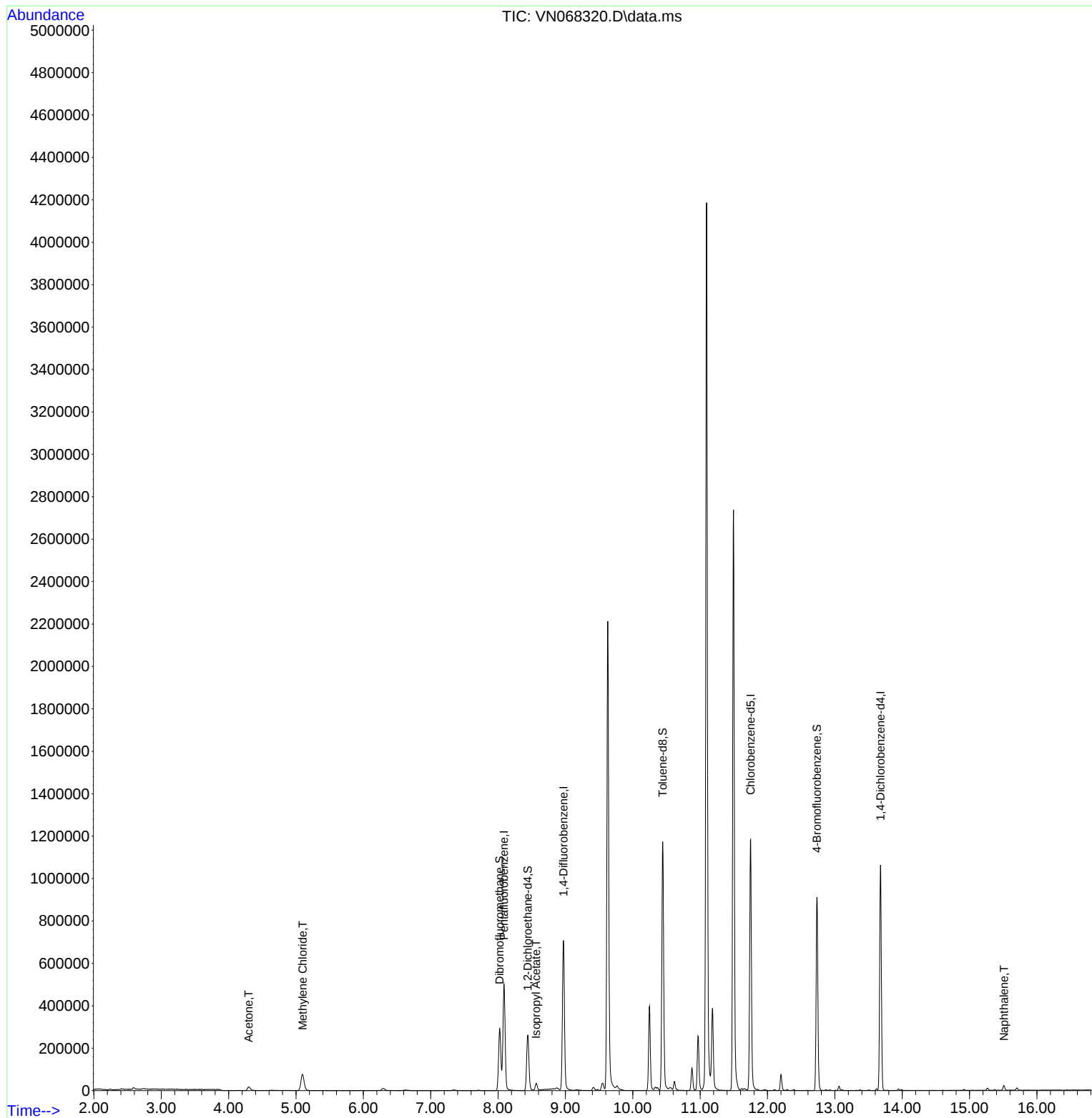
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.088     | 168   | 409343   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.971     | 114   | 687326   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.749    | 117   | 779862   | 50.000   | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4  | 13.678    | 152   | 320035   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 233664   | 53.462   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =     | 106.920% |
| 35) Dibromofluoromethane    | 8.024     | 113   | 213640   | 49.509   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =     | 99.020%  |
| 50) Toluene-d8              | 10.443    | 98    | 877065   | 53.341   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =     | 106.680% |
| 62) 4-Bromofluorobenzene    | 12.734    | 95    | 309711   | 56.582   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =     | 113.160% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 4.296     | 43    | 34061    | 26.691   | ug/l  | # 89     |
| 20) Methylene Chloride      | 5.101     | 84    | 69491    | 18.337   | ug/l  | # 76     |
| 43) Isopropyl Acetate       | 8.566     | 43    | 38522    | 5.024    | ug/l  | # 91     |
| 95) Naphthalene             | 15.509    | 128   | 22092    | 4.985    | ug/l  | 98       |
| -----                       |           |       |          |          |       |          |

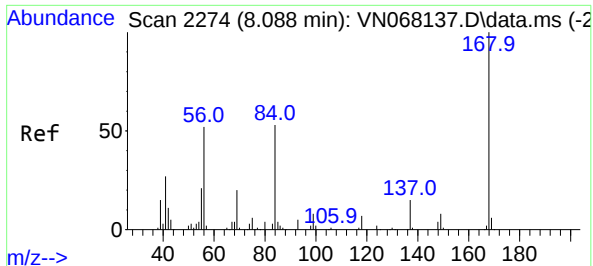
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082621\  
Data File : VN068320.D  
Acq On : 26 Aug 2021 15:23  
Operator : JC/MD  
Sample : PB138700TB  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138700TB

Quant Time: Aug 27 05:53:19 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

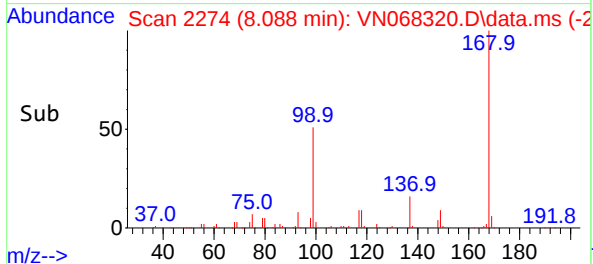
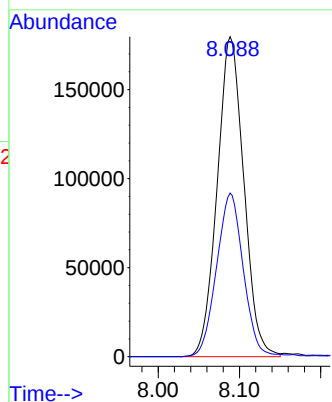
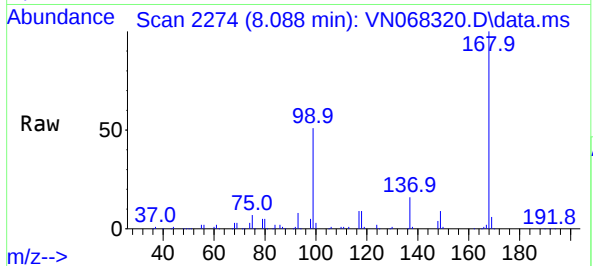




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

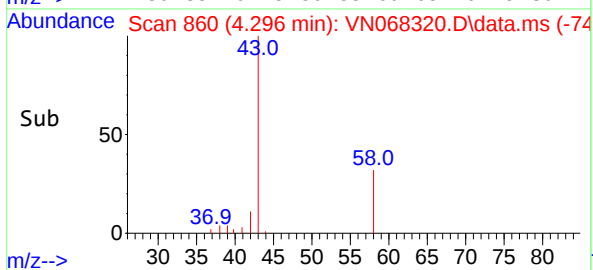
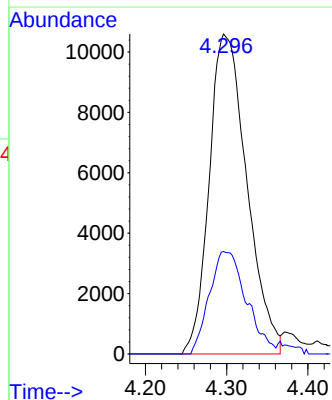
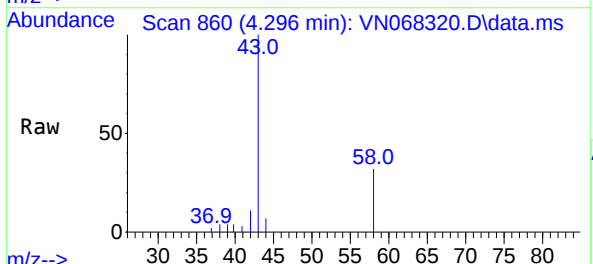
Instrument :  
MSVOA\_N  
ClientSampled :  
PB138700TB

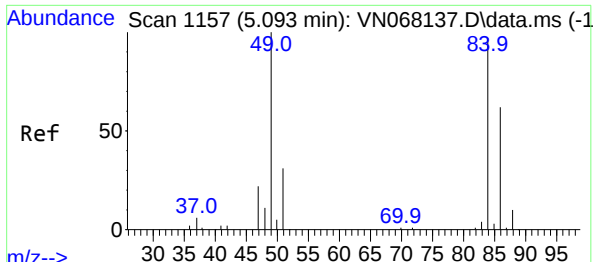
Tgt Ion:168 Resp: 409343  
Ion Ratio Lower Upper  
168 100  
99 51.1 62.9 94.3#



#16  
Acetone  
Concen: 26.691 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.008 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

Tgt Ion: 43 Resp: 34061  
Ion Ratio Lower Upper  
43 100  
58 32.1 21.2 31.8#



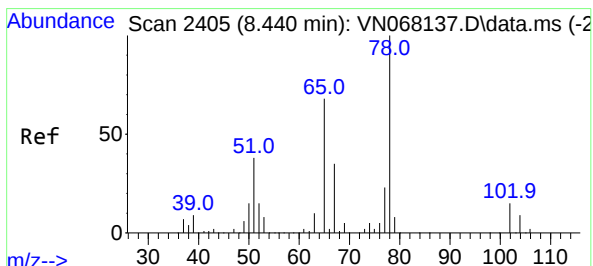
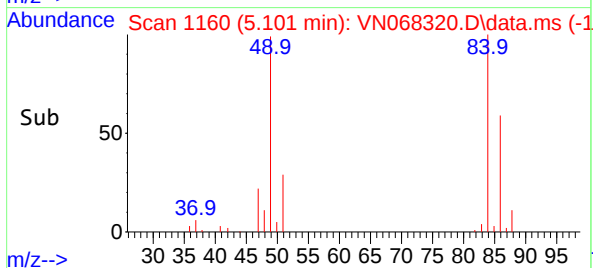
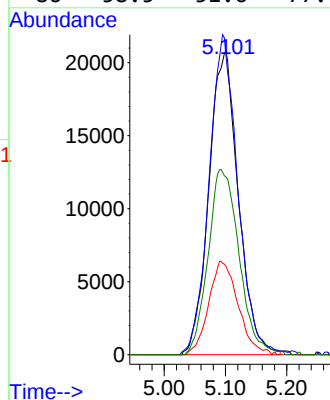
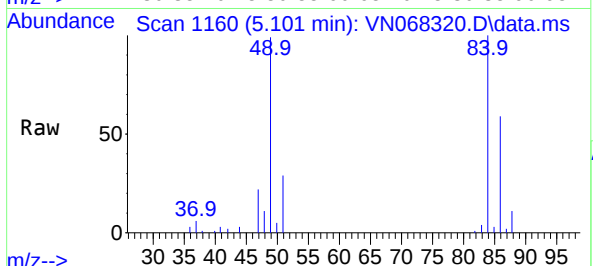


#20  
Methylene Chloride  
Concen: 18.337 ug/l  
RT: 5.101 min Scan# 1160  
Delta R.T. 0.008 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

Instrument :  
MSVOA\_N  
ClientSampled :  
PB138700TB

Tgt Ion: 84 Resp: 69491

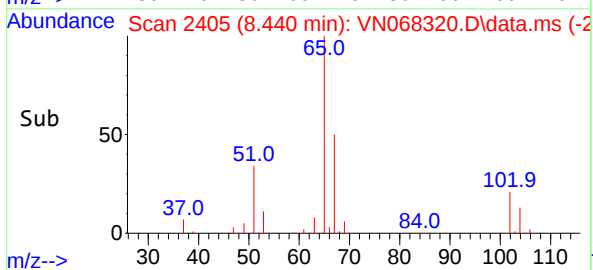
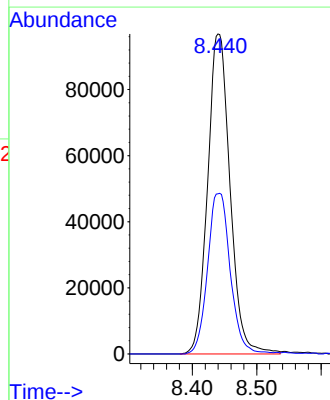
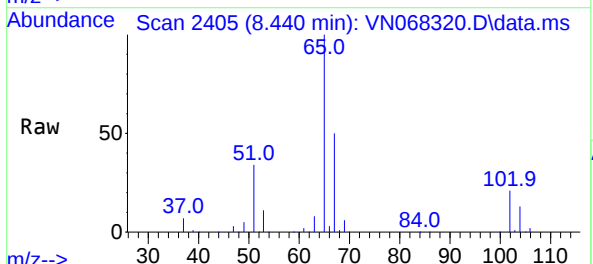
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 98.8  | 110.9 | 166.3# |
| 51  | 29.2  | 32.6  | 49.0#  |
| 86  | 58.5  | 51.6  | 77.4   |

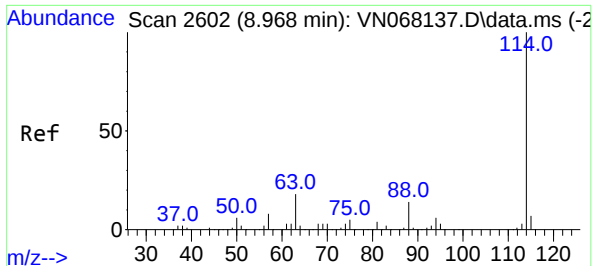


#33  
1,2-Dichloroethane-d4  
Concen: 53.462 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

Tgt Ion: 65 Resp: 233664

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 50.8  | 0.0   | 98.6  |

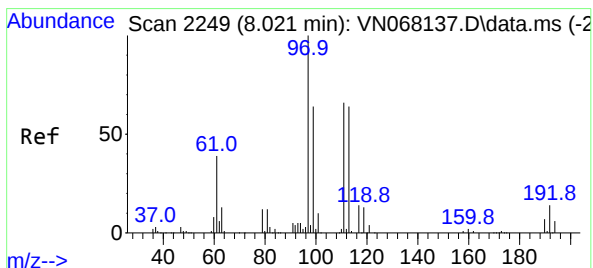
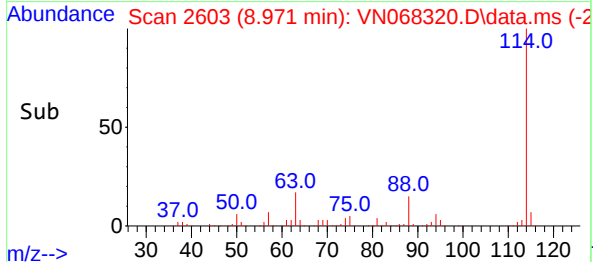
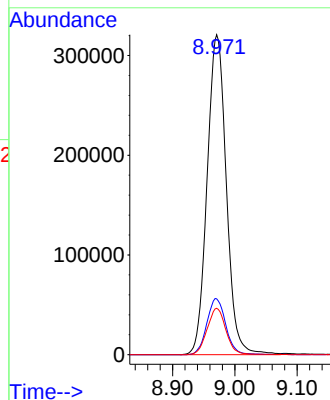
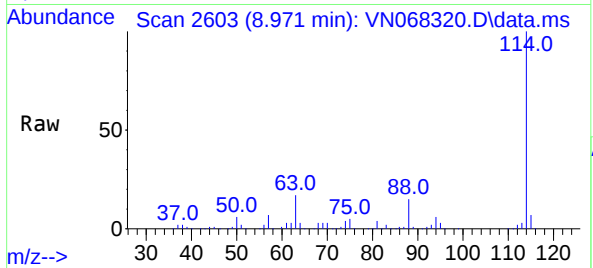




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

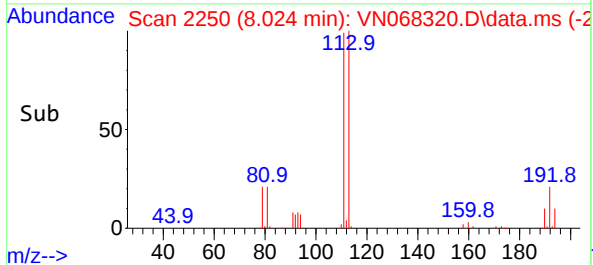
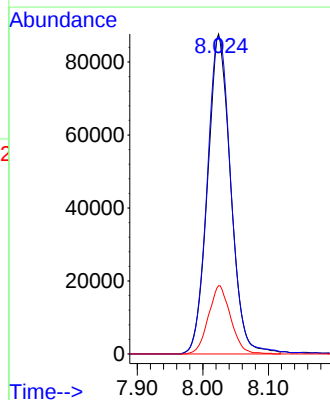
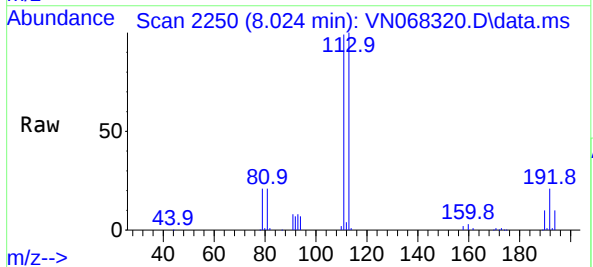
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138700TB

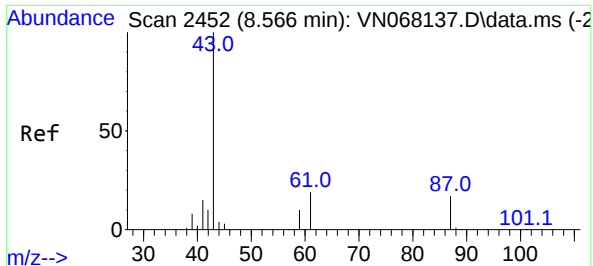
Tgt Ion:114 Resp: 687326  
Ion Ratio Lower Upper  
114 100  
63 17.4 0.0 49.0  
88 14.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.509 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

Tgt Ion:113 Resp: 213640  
Ion Ratio Lower Upper  
113 100  
111 102.5 83.8 125.8  
192 20.6 13.4 20.0#

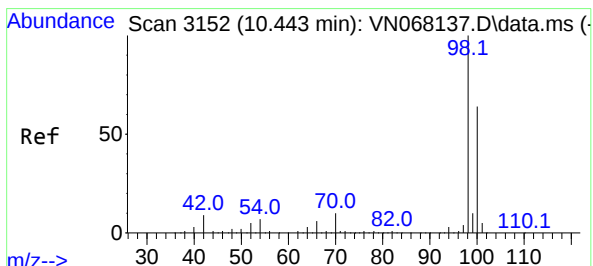
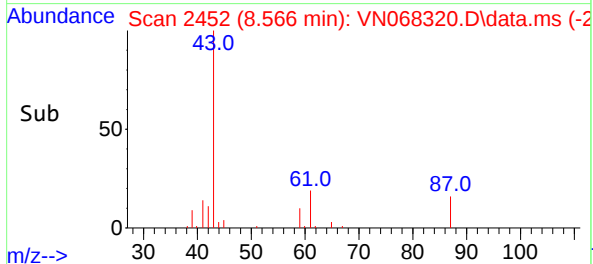
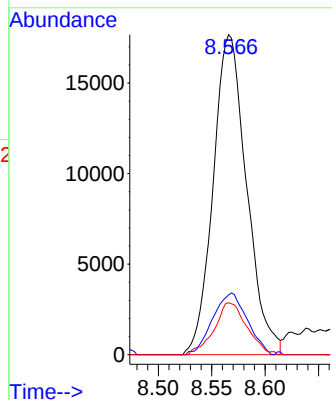
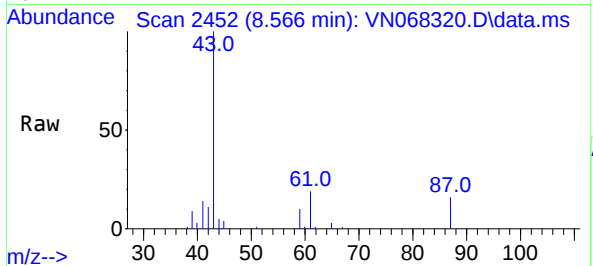




#43  
Isopropyl Acetate  
Concen: 5.024 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. -0.000 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

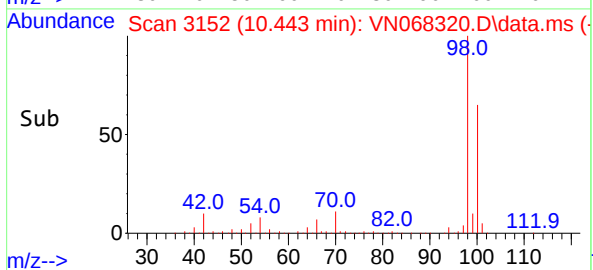
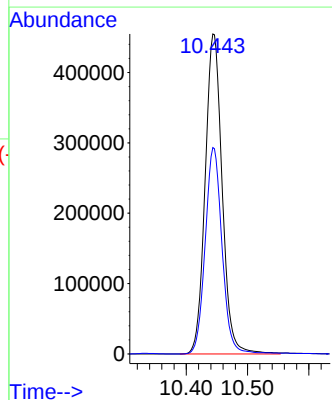
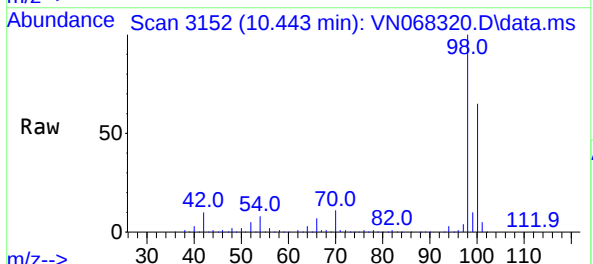
Instrument :  
MSVOA\_N  
ClientSampled :  
PB138700TB

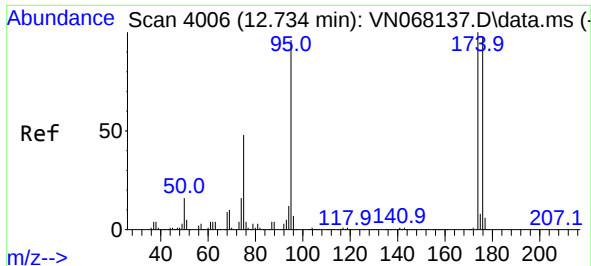
Tgt Ion: 43 Resp: 38522  
Ion Ratio Lower Upper  
43 100  
61 19.9 19.0 28.4  
87 15.9 9.5 14.3#



#50  
Toluene-d8  
Concen: 53.341 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

Tgt Ion: 98 Resp: 877065  
Ion Ratio Lower Upper  
98 100  
100 63.5 51.7 77.5

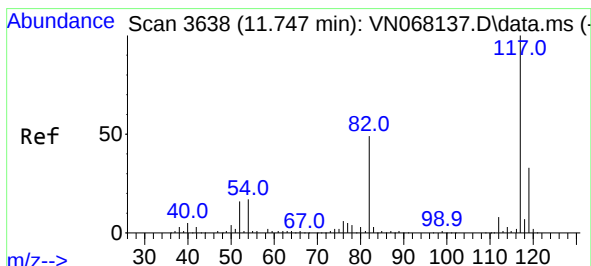
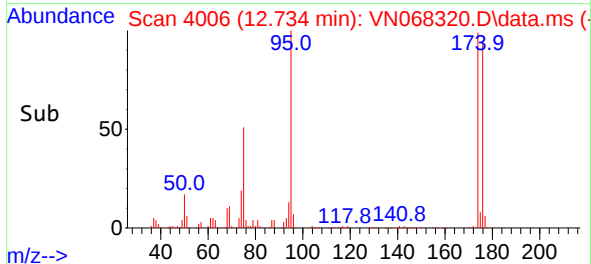
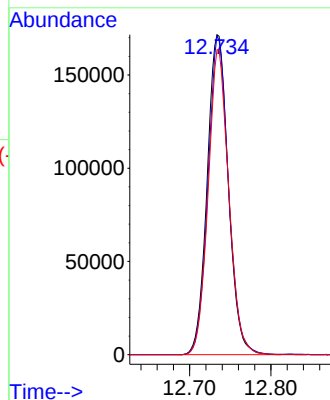
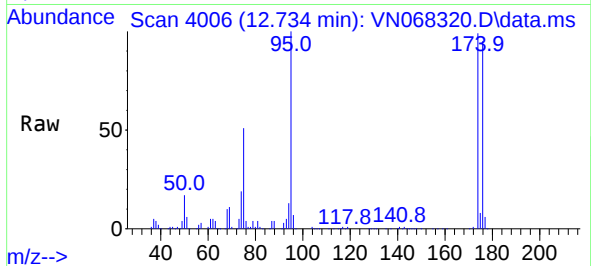




#62  
4-Bromofluorobenzene  
Concen: 56.582 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

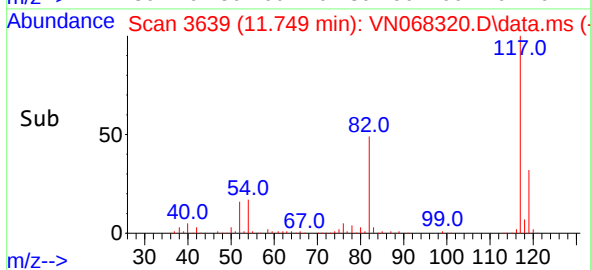
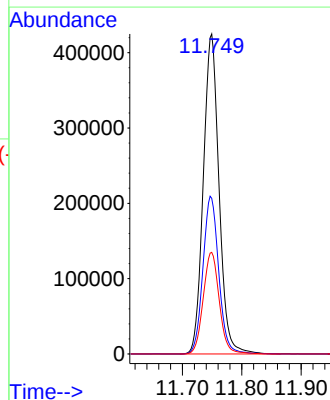
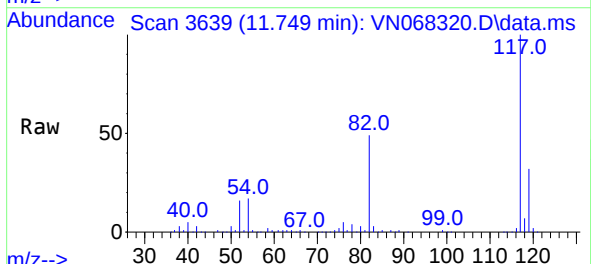
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138700TB

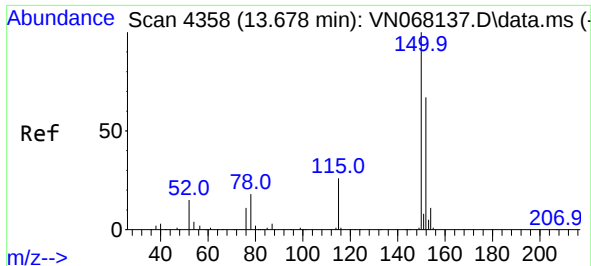
Tgt Ion: 95 Resp: 309711  
Ion Ratio Lower Upper  
95 100  
174 96.8 0.0 122.0  
176 93.0 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.002 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

Tgt Ion: 117 Resp: 779862  
Ion Ratio Lower Upper  
117 100  
82 48.7 53.1 79.7#  
119 31.8 25.5 38.3

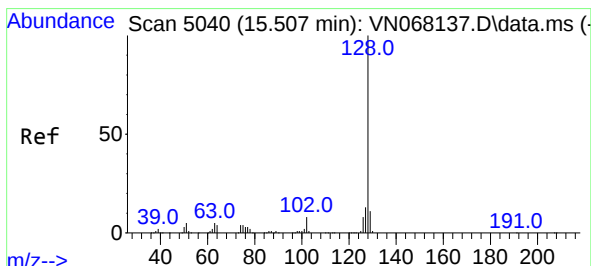
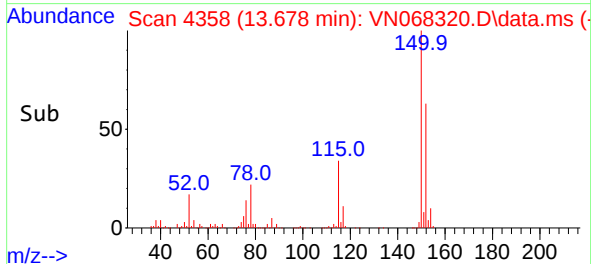
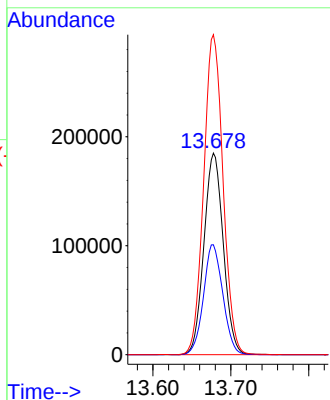
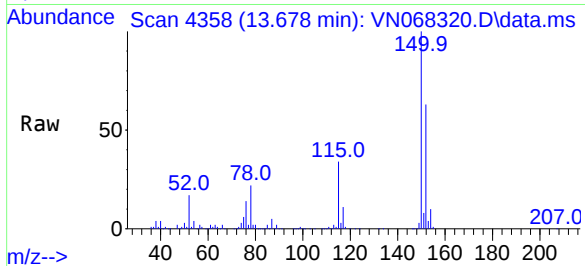




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. -0.000 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138700TB

Tgt Ion:152 Resp: 320035  
Ion Ratio Lower Upper  
152 100  
115 54.5 36.1 108.5  
150 159.0 0.0 351.8



#95  
Naphthalene  
Concen: 4.985 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN068320.D  
Acq: 26 Aug 2021 15:23

Tgt Ion:128 Resp: 22092  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.6 15.8  
129 12.0 8.6 12.8

