

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062921\  
 Data File : VN067545.D  
 Acq On : 29 Jun 2021 11:37  
 Operator : JC/MD  
 Sample : VN0629MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0629MBL01

Quant Time: Jun 29 15:21:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062821W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 28 14:31:03 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 188143   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 343428   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.747 | 117  | 328153   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 119174   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 138908   | 53.947   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 107.900% |
| 35) Dibromofluoromethane    | 8.024  | 113   | 101910   | 47.862   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 95.720%  |
| 50) Toluene-d8              | 10.443 | 98    | 467212   | 54.016   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 108.040% |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 150391   | 49.777   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 99.560%  |

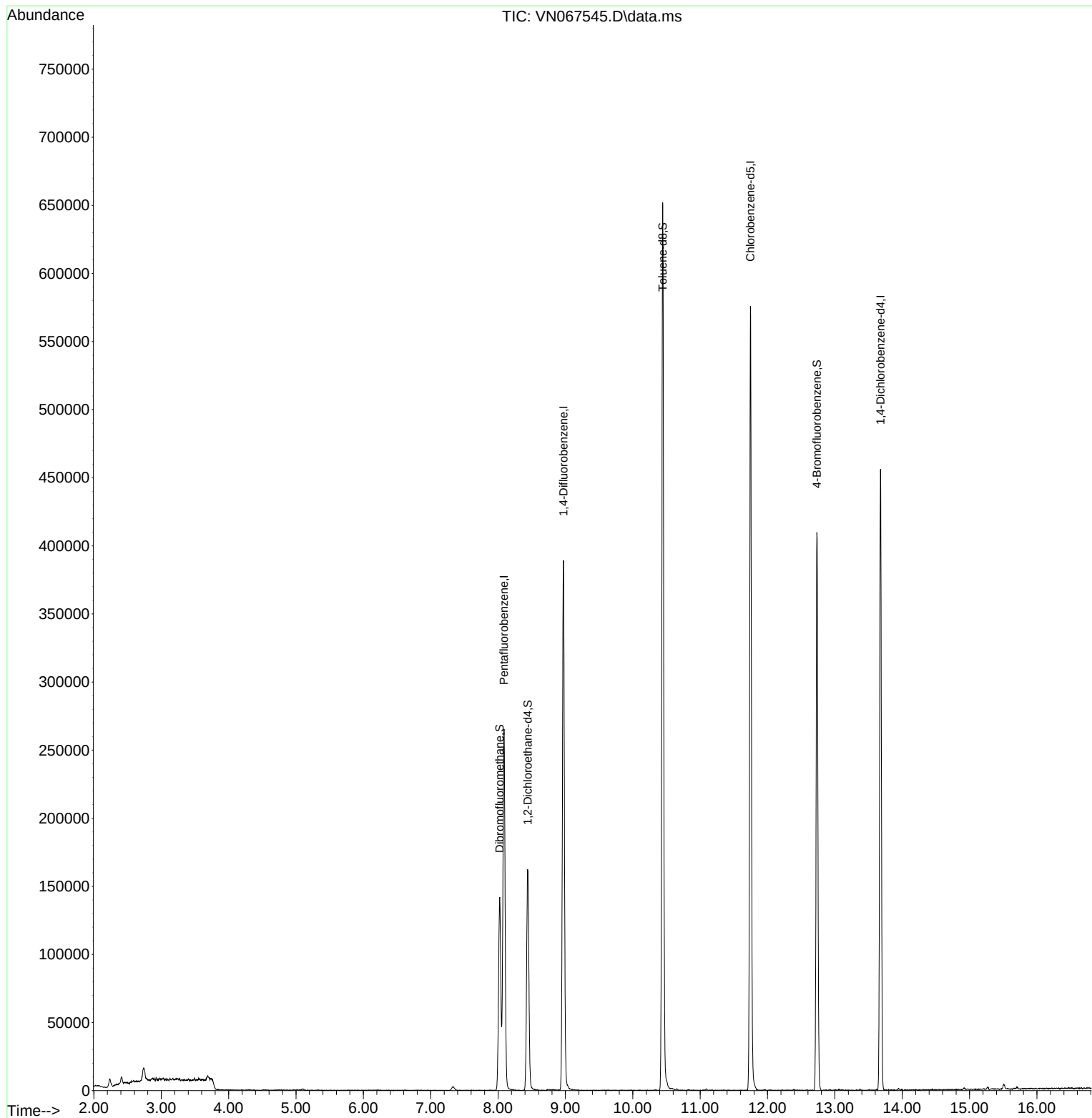
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

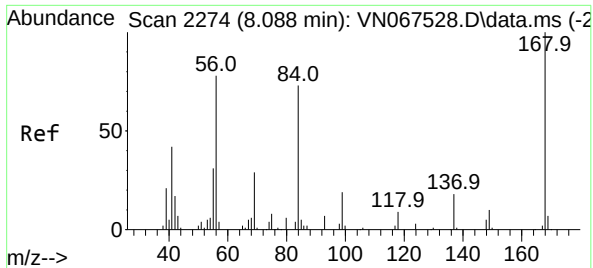
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Time: Jun 29 15:21:31 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062821W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 28 14:31:03 2021  
Response via : Initial Calibration

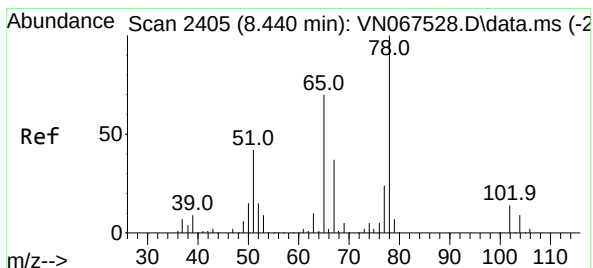
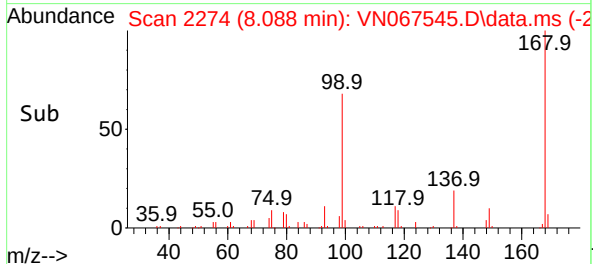
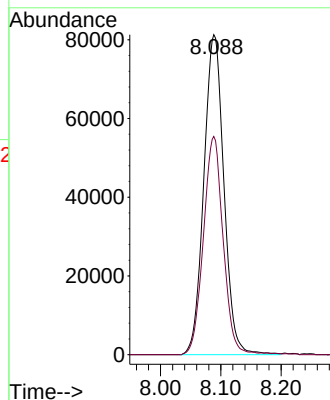
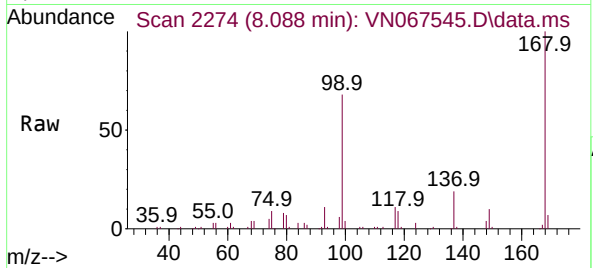




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN067545.D  
Acq: 29 Jun 2021 11:37

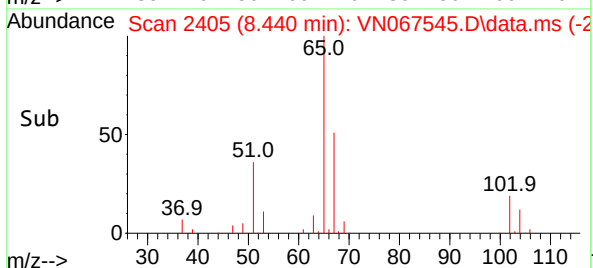
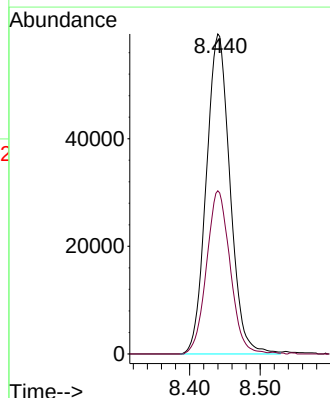
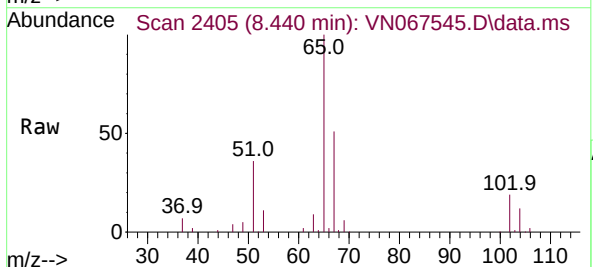
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0629MBL01

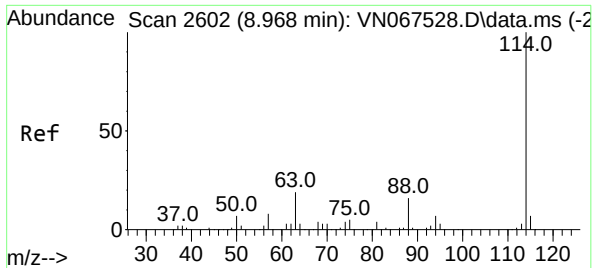
Tgt Ion:168 Resp: 188143  
Ion Ratio Lower Upper  
168 100  
99 68.2 62.9 94.3



#33  
1,2-Dichloroethane-d4  
Concen: 53.947 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067545.D  
Acq: 29 Jun 2021 11:37

Tgt Ion: 65 Resp: 138908  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 98.6

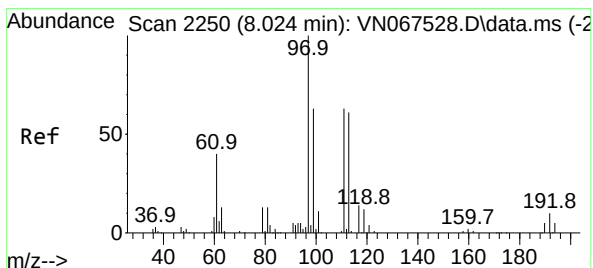
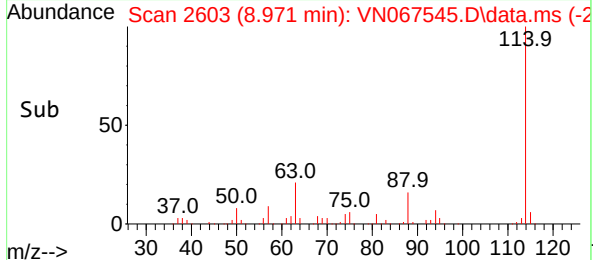
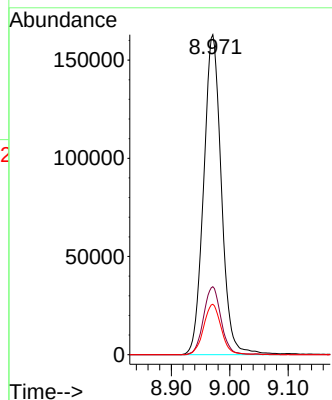
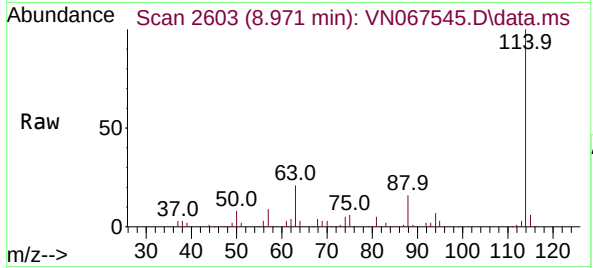




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN067545.D  
Acq: 29 Jun 2021 11:37

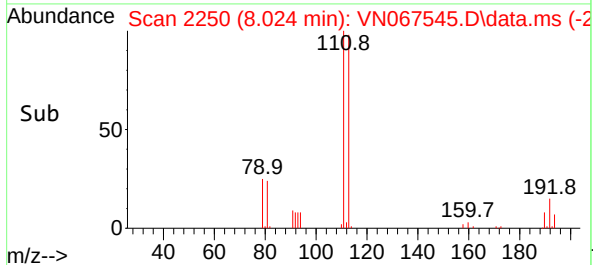
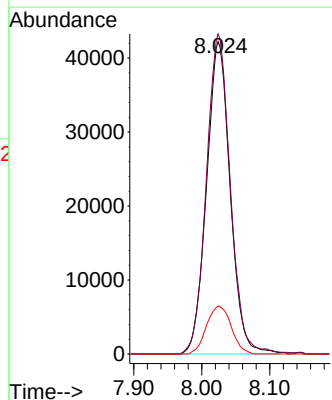
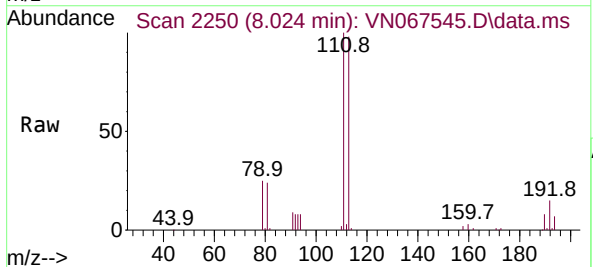
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0629MBL01

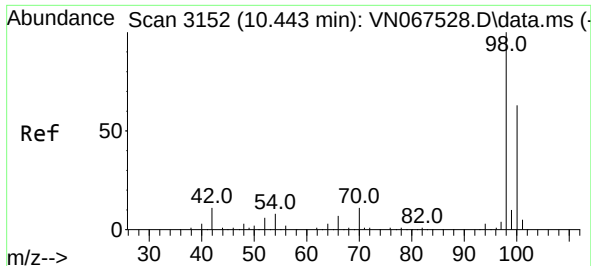
Tgt Ion:114 Resp: 343428  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 49.0  
88 15.8 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.862 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN067545.D  
Acq: 29 Jun 2021 11:37

Tgt Ion:113 Resp: 101910  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.8 125.8  
192 16.0 13.4 20.0

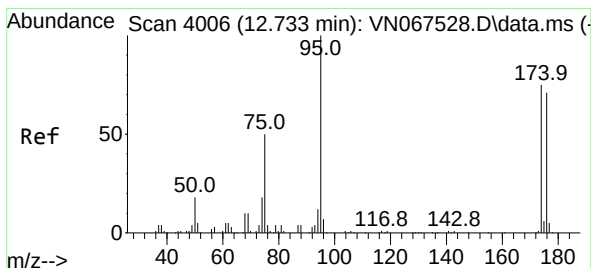
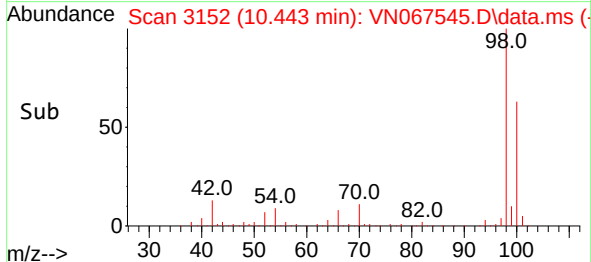
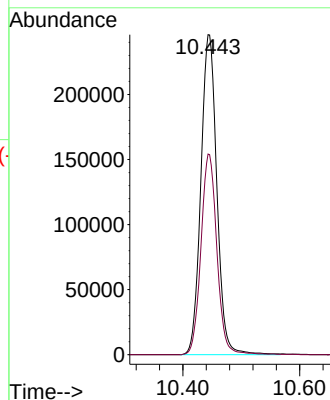
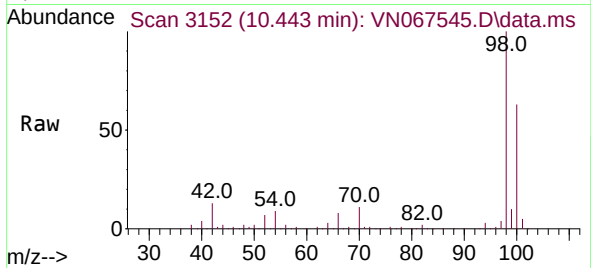




#50  
Toluene-d8  
Concen: 54.016 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067545.D  
Acq: 29 Jun 2021 11:37

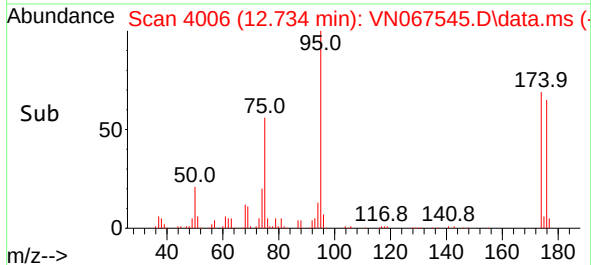
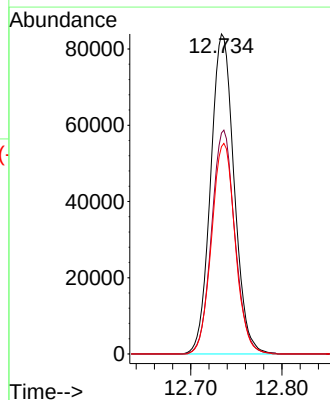
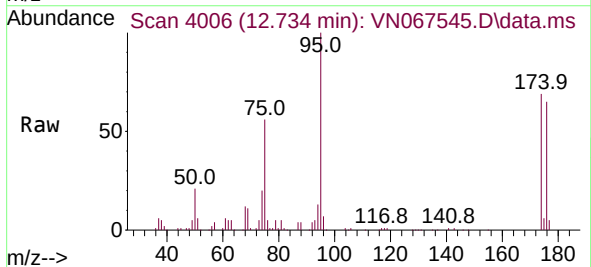
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0629MBL01

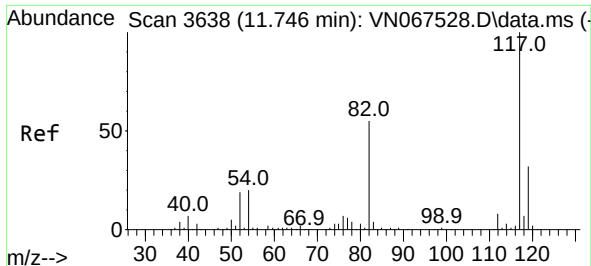
Tgt Ion: 98 Resp: 467212  
Ion Ratio Lower Upper  
98 100  
100 62.4 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 49.777 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.001 min  
Lab File: VN067545.D  
Acq: 29 Jun 2021 11:37

Tgt Ion: 95 Resp: 150391  
Ion Ratio Lower Upper  
95 100  
174 69.3 0.0 122.0  
176 66.1 0.0 117.6

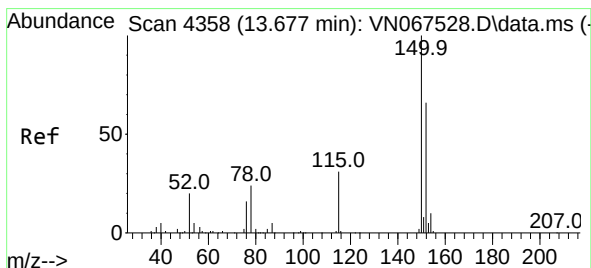
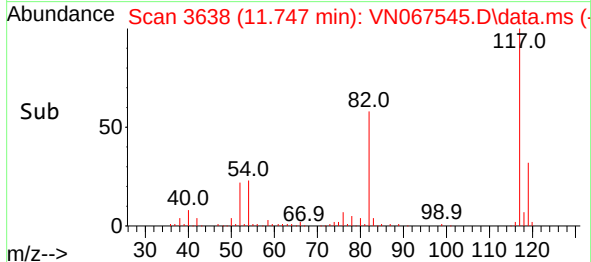
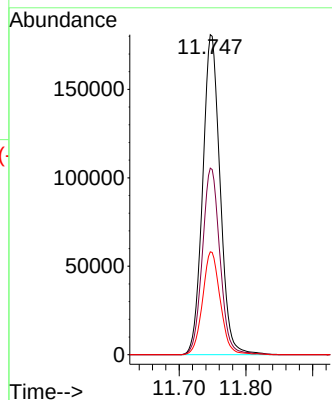
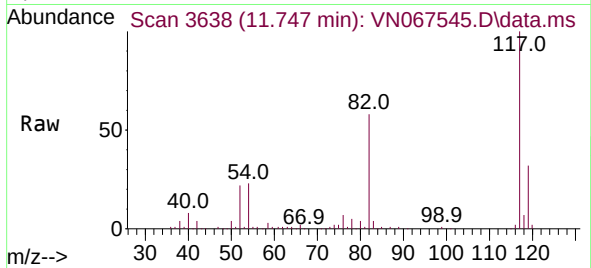




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.001 min  
Lab File: VN067545.D  
Acq: 29 Jun 2021 11:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0629MBL01

Tgt Ion:117 Resp: 328153  
Ion Ratio Lower Upper  
117 100  
82 58.3 53.1 79.7  
119 32.2 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.001 min  
Lab File: VN067545.D  
Acq: 29 Jun 2021 11:37

Tgt Ion:152 Resp: 119174  
Ion Ratio Lower Upper  
152 100  
115 63.0 36.1 108.5  
150 159.3 0.0 351.8

