

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111921\  
 Data File : VN069589.D  
 Acq On : 19 Nov 2021 16:57  
 Operator : JC/MD  
 Sample : M4764-06  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TRIP

Quant Time: Nov 22 05:08:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

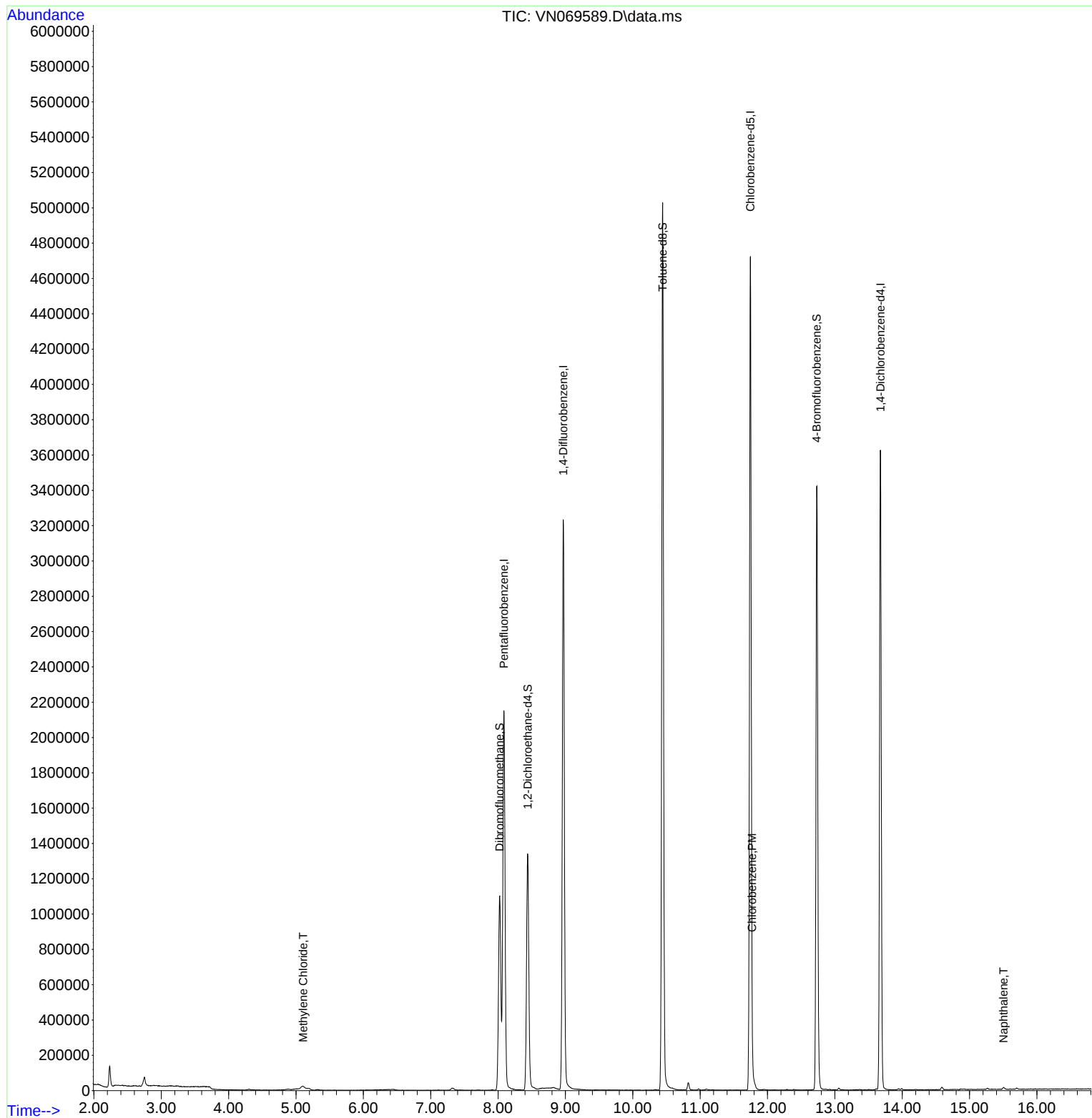
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.088     | 168   | 1596443  | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968     | 114   | 2747864  | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.747    | 117   | 2686730  | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678    | 152   | 967656   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 1165950  | 50.370   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | = 100.740% |          |
| 35) Dibromofluoromethane    | 8.024     | 113   | 804218   | 48.798   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | = 97.600%  |          |
| 50) Toluene-d8              | 10.443    | 98    | 3457062  | 53.335   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | = 106.680% |          |
| 62) 4-Bromofluorobenzene    | 12.731    | 95    | 1199489  | 50.374   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | = 100.740% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 20) Methylene Chloride      | 5.106     | 84    | 10778    | 0.609    | ug/l       | 93       |
| 65) Chlorobenzene           | 11.771    | 112   | 15846    | 0.317    | ug/l       | 96       |
| 95) Naphthalene             | 15.504    | 128   | 9310     | 4.649    | ug/l #     | 93       |
| -----                       |           |       |          |          |            |          |

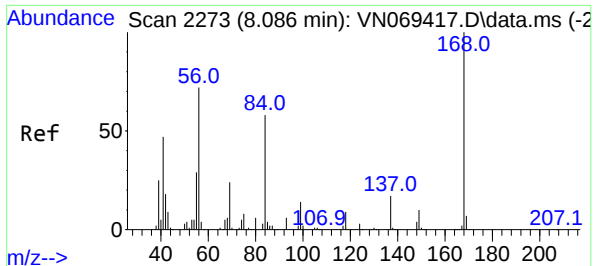
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 09 18:18:22 2021  
Response via : Initial Calibration

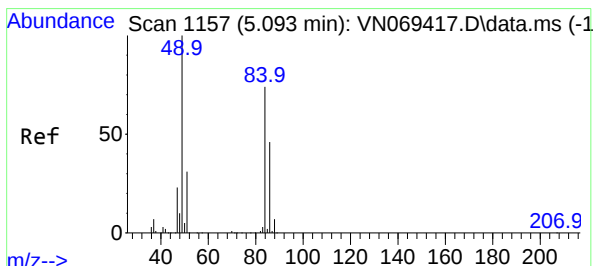
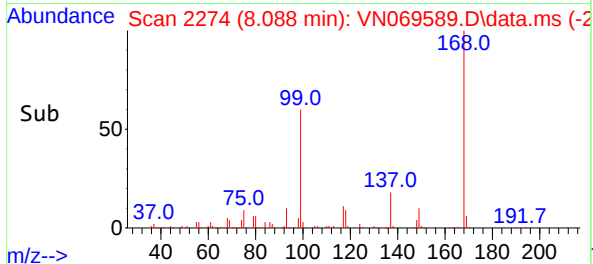
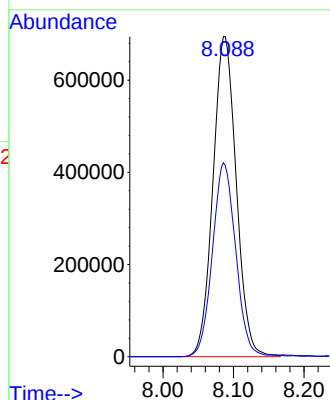
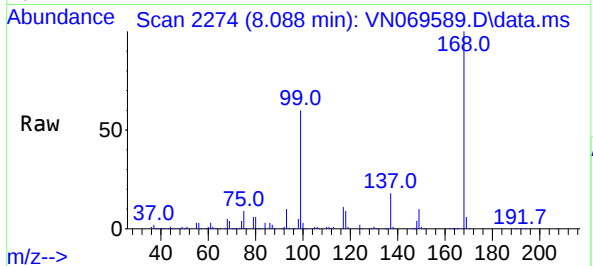




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: VN069589.D  
Acq: 19 Nov 2021 16:57

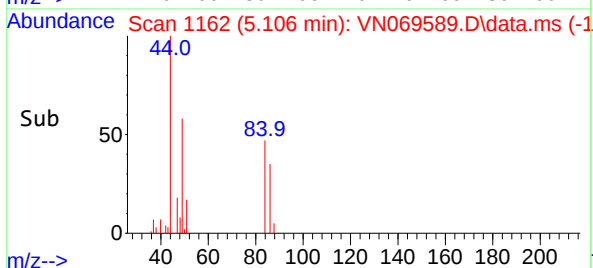
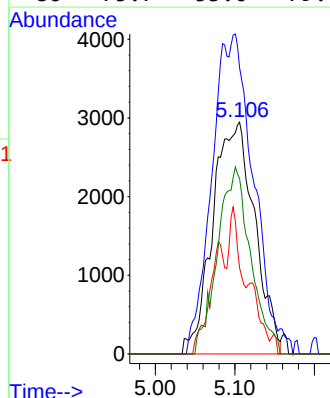
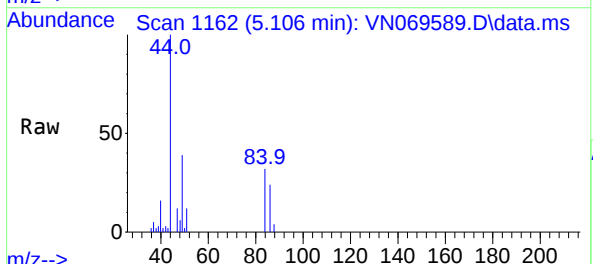
Instrument :  
MSVOA\_N  
ClientSampleId :  
TRIP

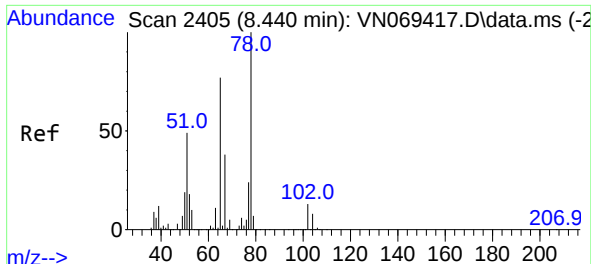
Tgt Ion:168 Resp: 1596443  
Ion Ratio Lower Upper  
168 100  
99 59.7 41.3 61.9



#20  
Methylene Chloride  
Concen: 0.609 ug/l  
RT: 5.106 min Scan# 1162  
Delta R.T. 0.013 min  
Lab File: VN069589.D  
Acq: 19 Nov 2021 16:57

Tgt Ion: 84 Resp: 10778  
Ion Ratio Lower Upper  
84 100  
49 123.5 93.5 140.3  
51 37.2 29.4 44.2  
86 75.7 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 50.370 ug/l

RT: 8.440 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN069589.D

Acq: 19 Nov 2021 16:57

Instrument :

MSVOA\_N

ClientSampleId :

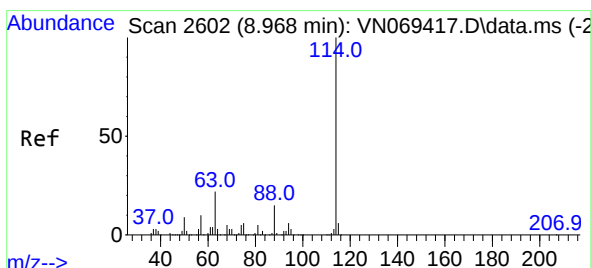
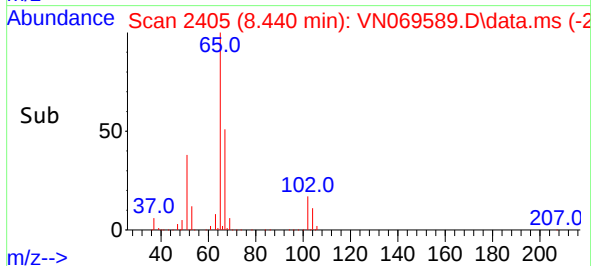
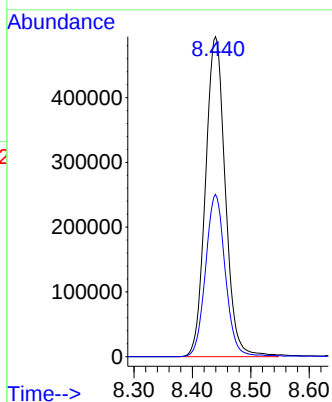
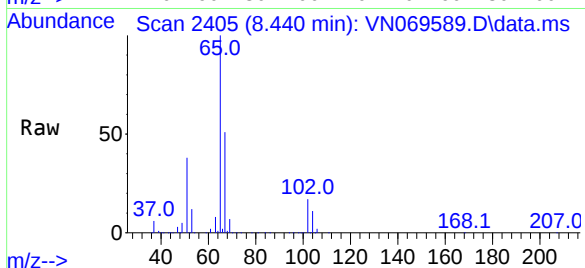
TRIP

Tgt Ion: 65 Resp: 1165950

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069589.D

Acq: 19 Nov 2021 16:57

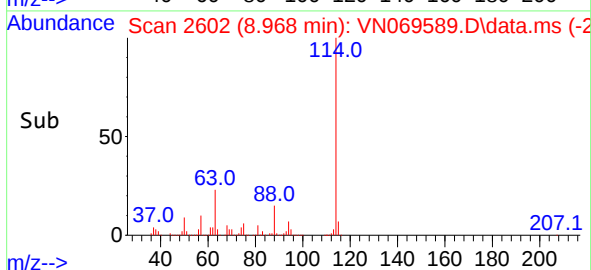
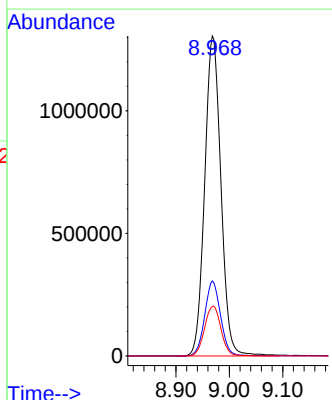
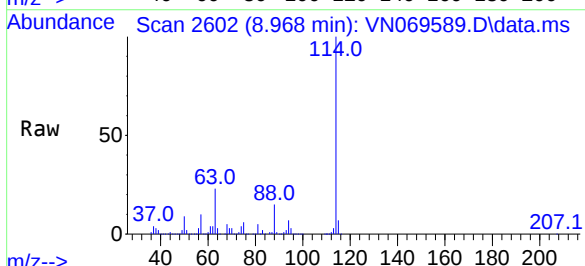
Tgt Ion:114 Resp: 2747864

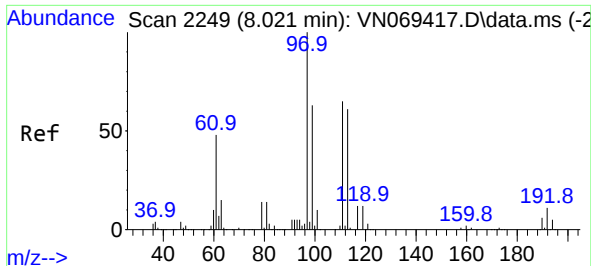
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 15.5 0.0 27.4

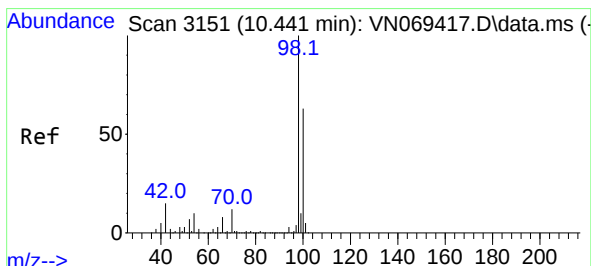
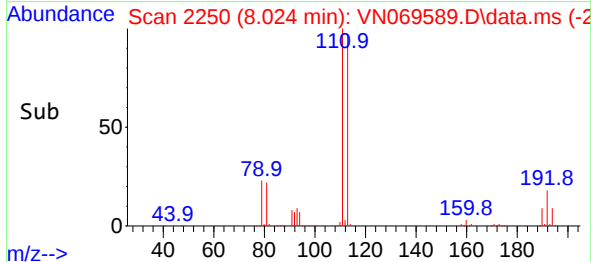
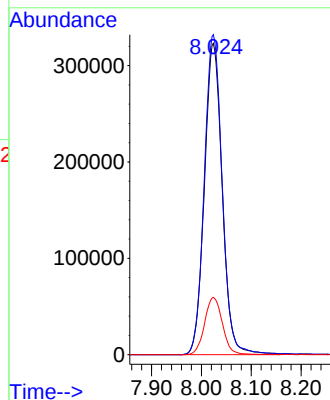
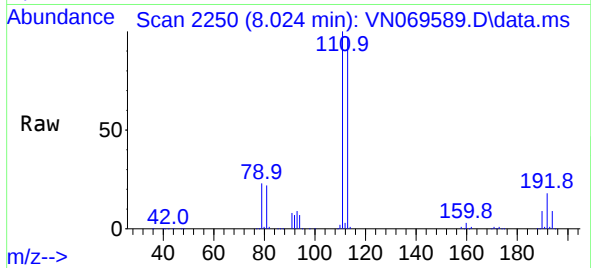




#35  
Dibromofluoromethane  
Concen: 48.798 ug/l  
RT: 8.024 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VN069589.D  
Acq: 19 Nov 2021 16:57

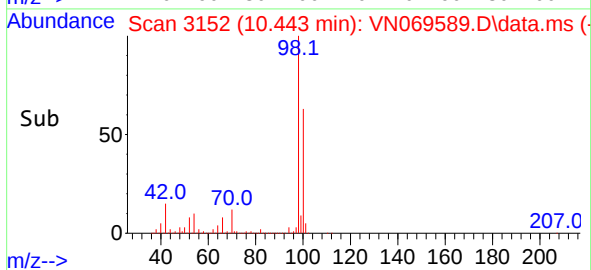
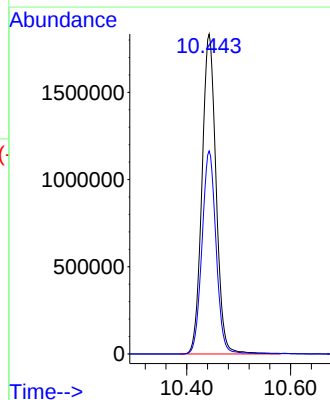
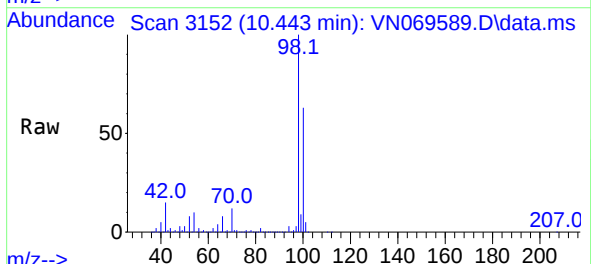
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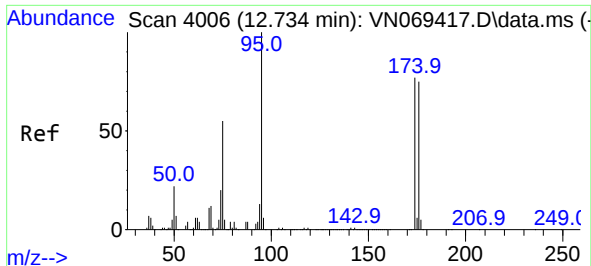
Tgt Ion:113 Resp: 804218  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.2 123.2  
192 18.4 16.9 25.3



#50  
Toluene-d8  
Concen: 53.335 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.002 min  
Lab File: VN069589.D  
Acq: 19 Nov 2021 16:57

Tgt Ion: 98 Resp: 3457062  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.4 75.6

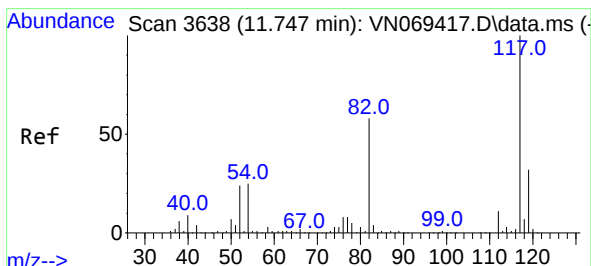
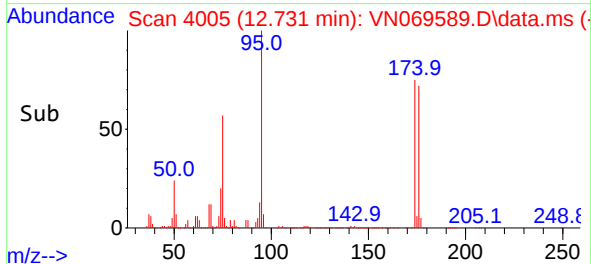
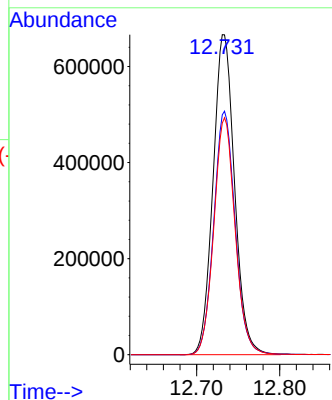
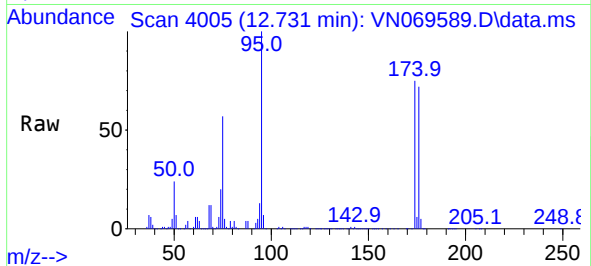




#62  
4-Bromofluorobenzene  
Concen: 50.374 ug/l  
RT: 12.731 min Scan# 4006  
Delta R.T. -0.003 min  
Lab File: VN069589.D  
Acq: 19 Nov 2021 16:57

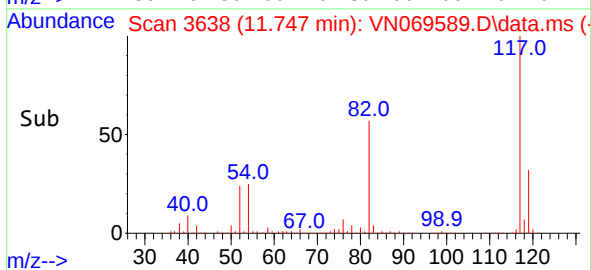
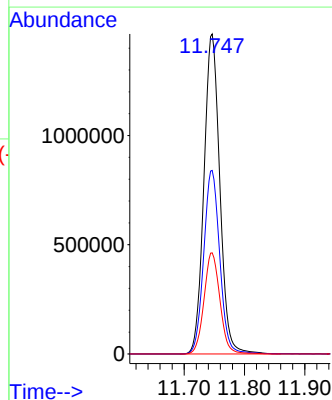
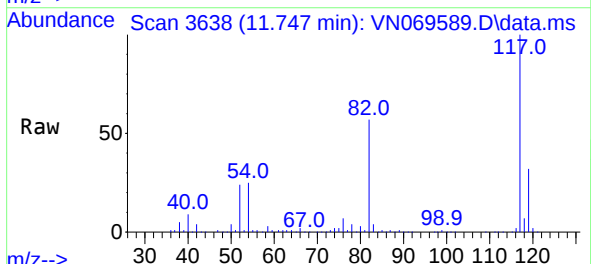
Instrument :  
MSVOA\_N  
ClientSampleId :  
TRIP

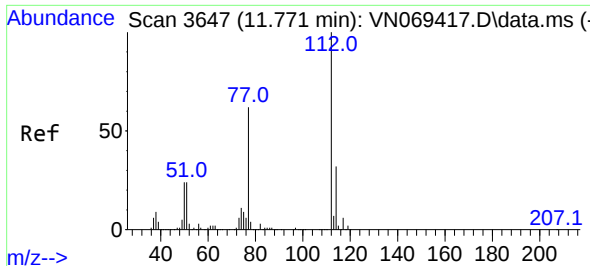
Tgt Ion: 95 Resp: 1199489  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 187.2  
176 73.3 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN069589.D  
Acq: 19 Nov 2021 16:57

Tgt Ion: 117 Resp: 2686730  
Ion Ratio Lower Upper  
117 100  
82 57.4 42.4 63.6  
119 31.6 25.4 38.2

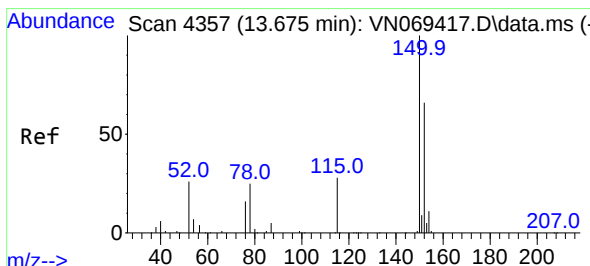
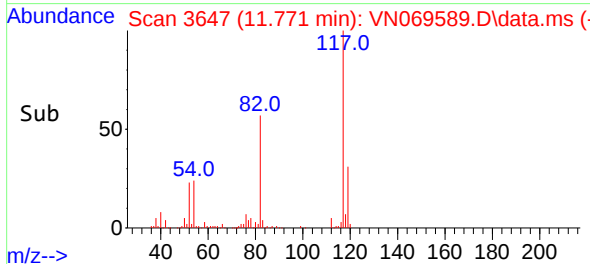
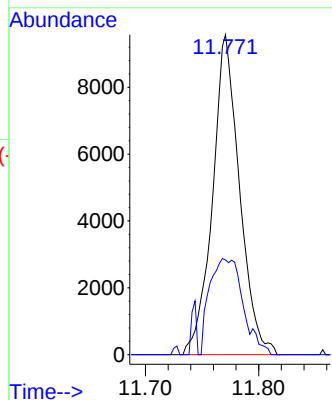
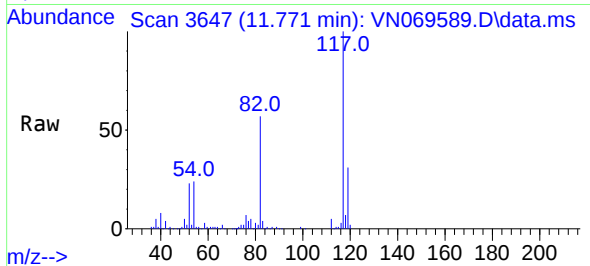




#65  
Chlorobenzene  
Concen: 0.317 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.000 min  
Lab File: VN069589.D  
Acq: 19 Nov 2021 16:57

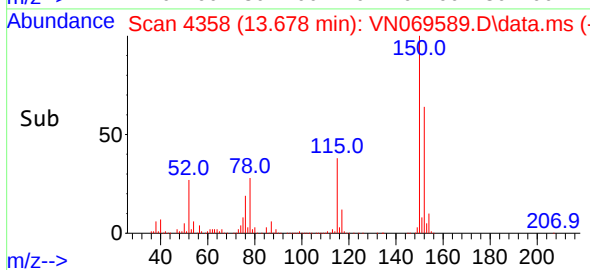
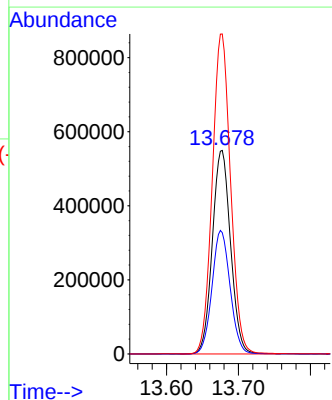
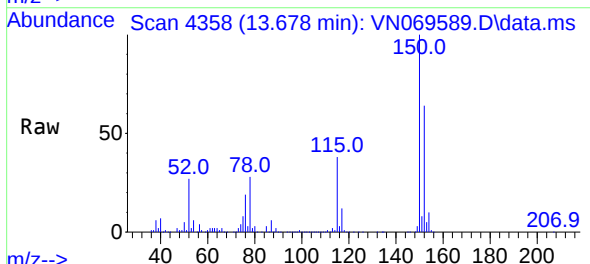
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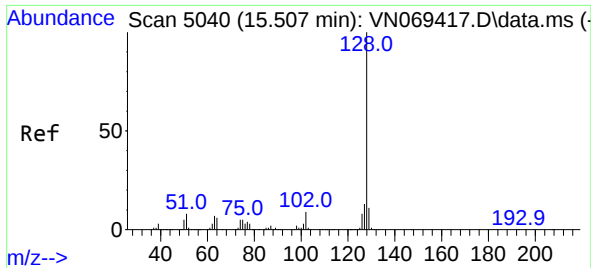
Tgt Ion:112 Resp: 15846  
Ion Ratio Lower Upper  
112 100  
114 29.6 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN069589.D  
Acq: 19 Nov 2021 16:57

Tgt Ion:152 Resp: 967656  
Ion Ratio Lower Upper  
152 100  
115 60.3 27.5 82.5  
150 157.5 0.0 344.4





#95

Naphthalene

Concen: 4.649 ug/l

RT: 15.504 min Scan# 50

Delta R.T. -0.003 min

Lab File: VN069589.D

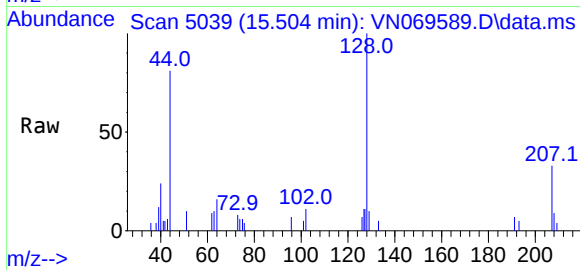
Acq: 19 Nov 2021 16:57

Instrument :

MSVOA\_N

ClientSampleId :

TRIP



Tgt Ion:128 Resp: 9310

Ion Ratio Lower Upper

128 100

127 16.1 10.5 15.7#

129 8.8 8.7 13.1

