

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080921\  
 Data File : VN068042.D  
 Acq On : 9 Aug 2021 16:44  
 Operator : JC/MD  
 Sample : PB138255TB  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB138255TB

Manual Integrations  
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 8/10/2021 7:28:22 PM

Quant Time: Aug 10 03:52:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 29 15:02:35 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|----------------|------|----------|--------|----------|----------|
| -----                       |                |      |          |        |          |          |
| Internal Standards          |                |      |          |        |          |          |
| 1) Pentafluorobenzene       | 8.088          | 168  | 298946   | 50.000 | ug/l     | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.971          | 114  | 584197   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 11.749         | 117  | 571476   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.677         | 152  | 206818   | 50.000 | ug/l     | 0.00     |
|                             |                |      |          |        |          |          |
| System Monitoring Compounds |                |      |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 233145   | 55.090 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery | =      | 110.180% |          |
| 35) Dibromofluoromethane    | 8.024          | 113  | 180165   | 52.918 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery | =      | 105.840% |          |
| 50) Toluene-d8              | 10.443         | 98   | 732992   | 46.909 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery | =      | 93.820%  |          |
| 62) 4-Bromofluorobenzene    | 12.733         | 95   | 246167   | 43.519 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery | =      | 87.040%  |          |
|                             |                |      |          |        |          |          |
| Target Compounds            |                |      |          |        |          | Qvalue   |
| 18) Methyl Acetate          | 4.873          | 43   | 5569m    | 1.401  | ug/l     |          |
| 20) Methylene Chloride      | 5.095          | 84   | 22578    | 6.082  | ug/l     | 86       |
| -----                       |                |      |          |        |          |          |

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

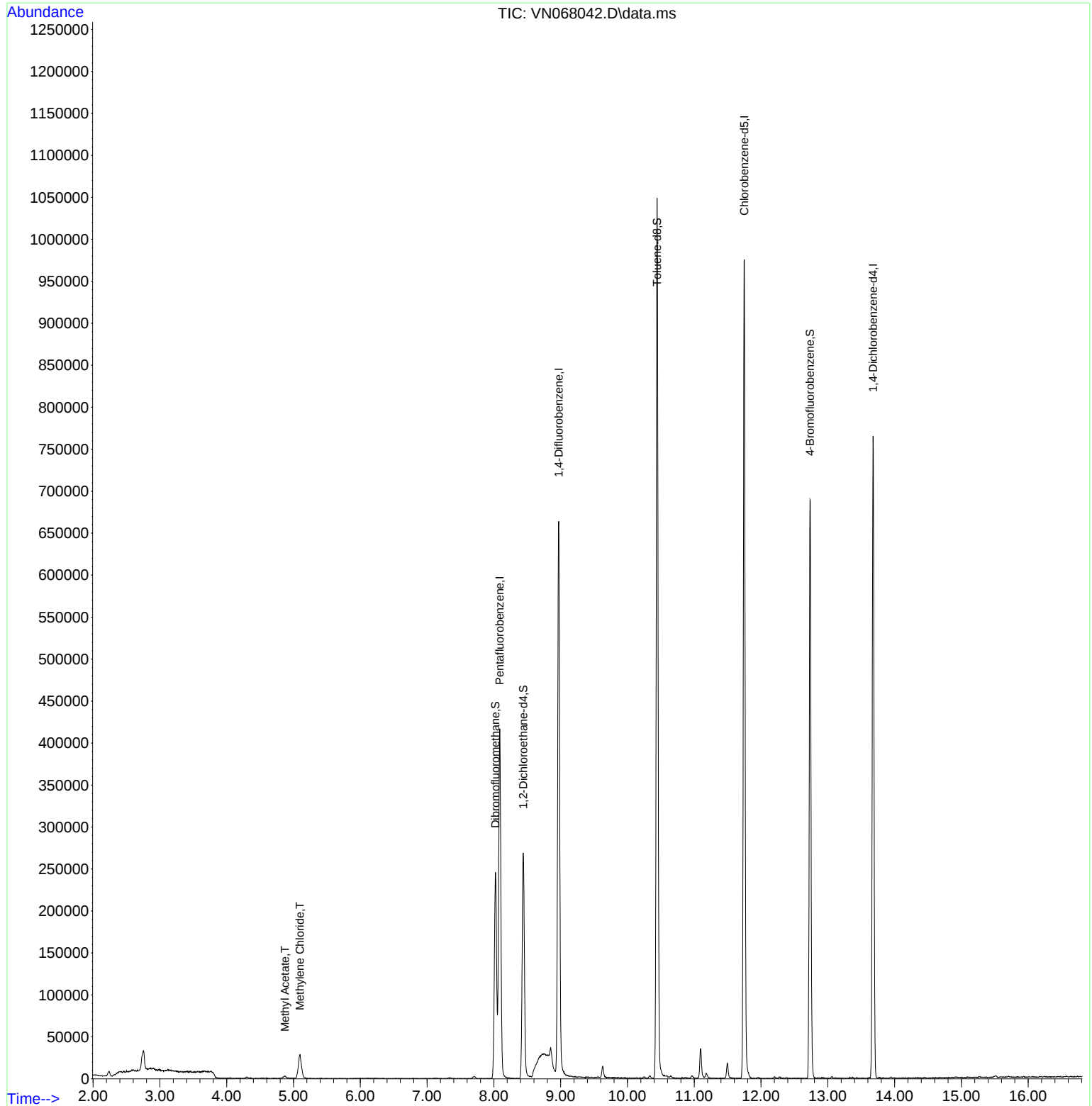
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080921\  
Data File : VN068042.D  
Acq On : 9 Aug 2021 16:44  
Operator : JC/MD  
Sample : PB138255TB  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 11 Sample Multiplier: 1

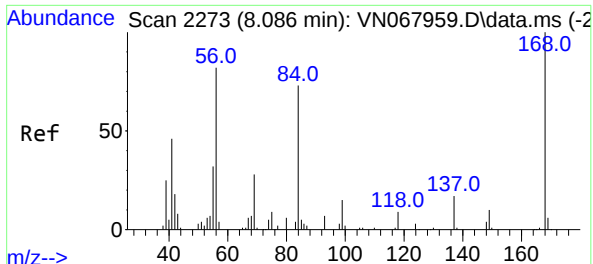
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138255TB

Manual Integrations  
APPROVED

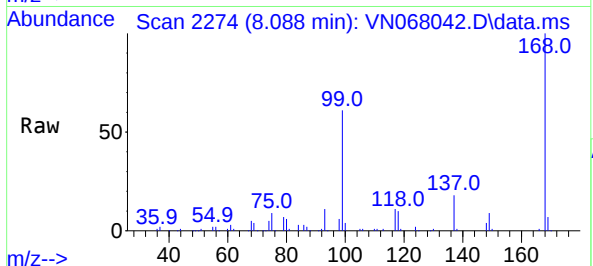
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8/10/2021 7:28:22 PM

Quant Time: Aug 10 03:52:03 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072921W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 29 15:02:35 2021  
Response via : Initial Calibration

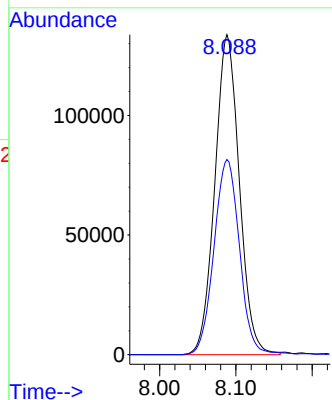
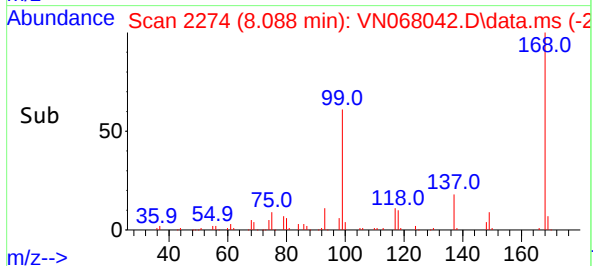




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN068042.D  
Acq: 9 Aug 2021 16:44



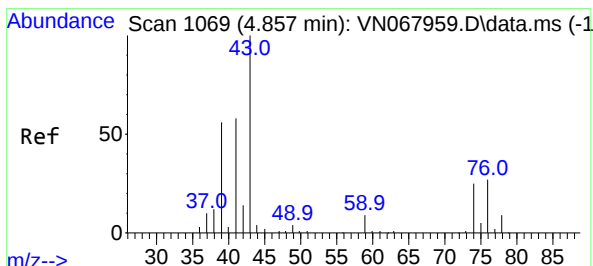
Tgt Ion: 168 Resp: 298946  
Ion Ratio Lower Upper  
168 100  
99 61.0 62.9 94.3#



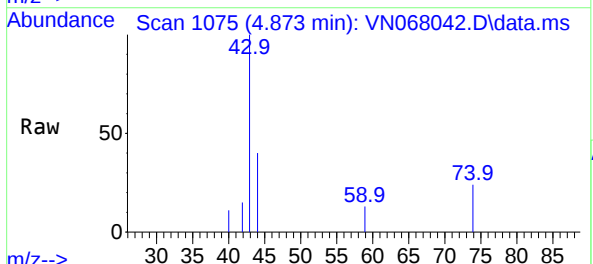
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138255TB

Manual Integrations  
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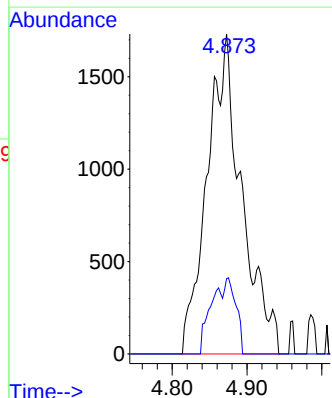
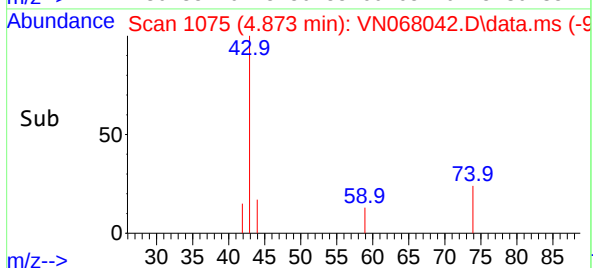
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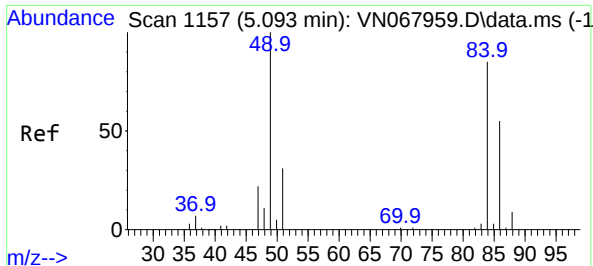


#18  
Methyl Acetate  
Concen: 1.401 ug/l m  
RT: 4.873 min Scan# 1075  
Delta R.T. 0.016 min  
Lab File: VN068042.D  
Acq: 9 Aug 2021 16:44



Tgt Ion: 43 Resp: 5569  
Ion Ratio Lower Upper  
43 100  
74 8.5 17.4 26.0#





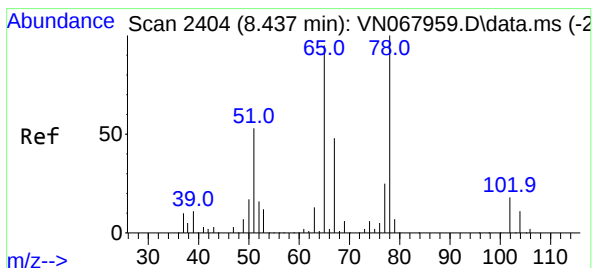
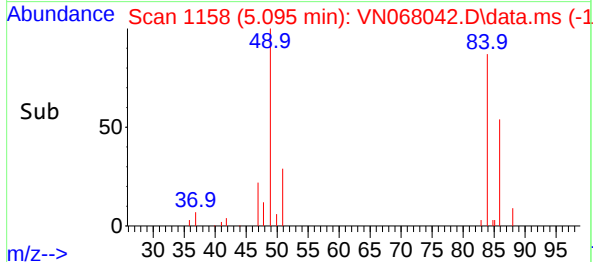
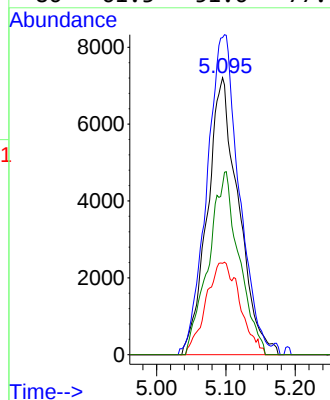
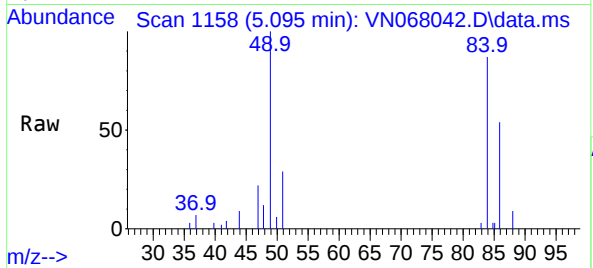
#20  
Methylene Chloride  
Concen: 6.082 ug/l  
RT: 5.095 min Scan# 1158  
Delta R.T. 0.002 min  
Lab File: VN068042.D  
Acq: 9 Aug 2021 16:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 22578 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 114.5 | 110.9 | 166.3 |
| 51       | 33.0  | 32.6  | 49.0  |
| 86       | 61.3  | 51.6  | 77.4  |

Instrument :  
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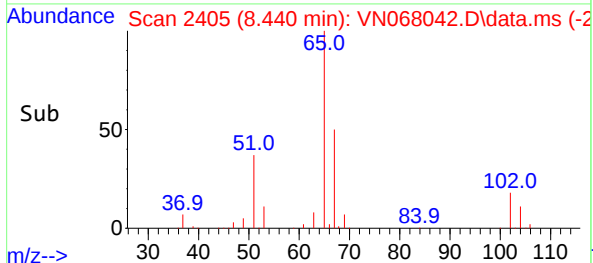
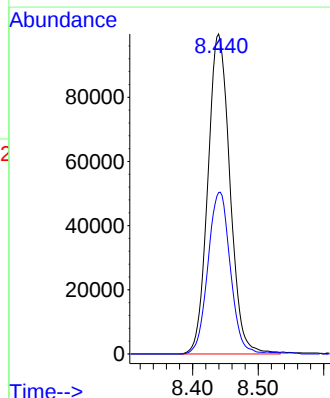
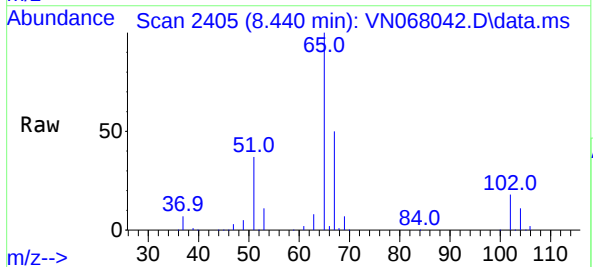
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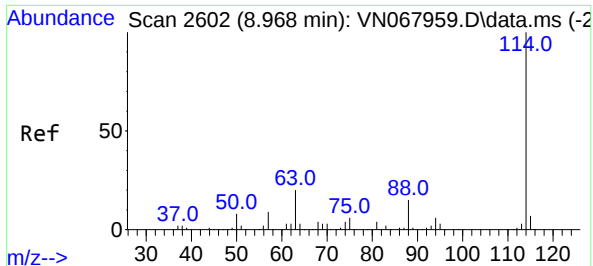
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#33  
1,2-Dichloroethane-d4  
Concen: 55.090 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.003 min  
Lab File: VN068042.D  
Acq: 9 Aug 2021 16:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 233145 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.1  | 0.0   | 98.6   |





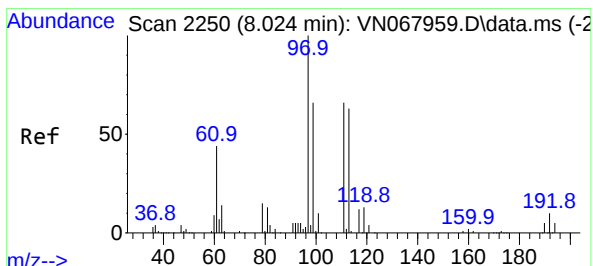
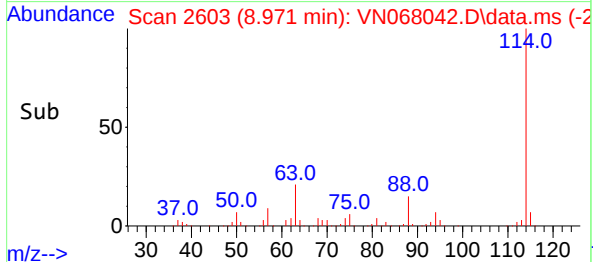
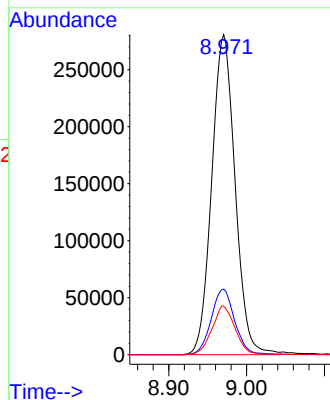
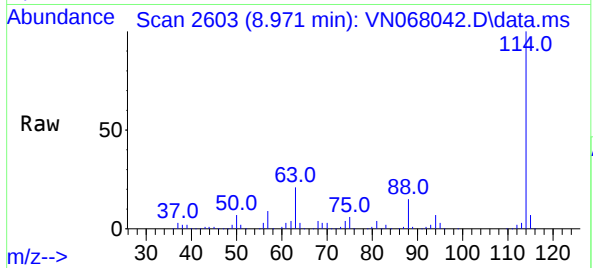
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068042.D  
Acq: 9 Aug 2021 16:44

Tgt Ion:114 Resp: 584197  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 49.0  
88 15.1 0.0 36.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
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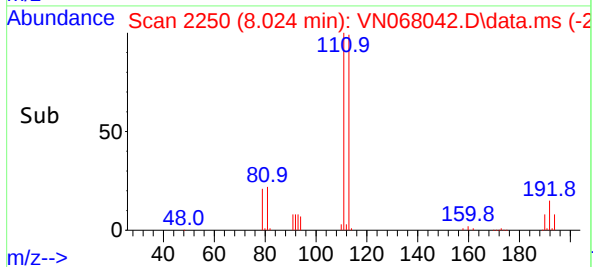
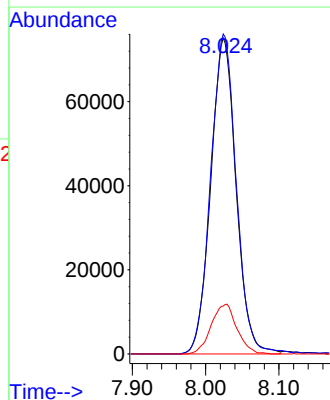
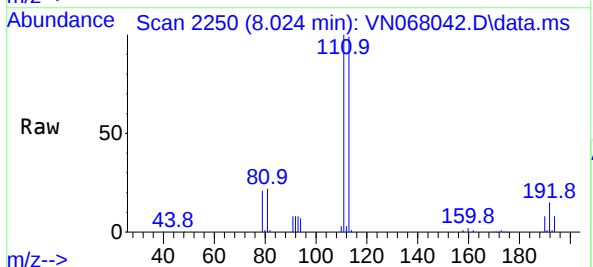
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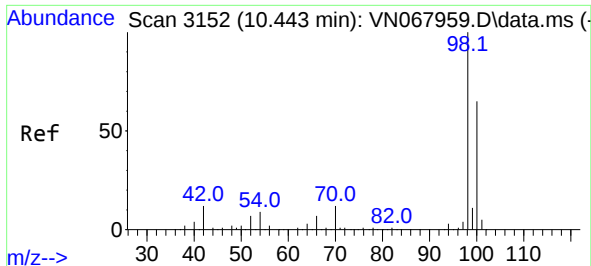
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#35  
Dibromofluoromethane  
Concen: 52.918 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VN068042.D  
Acq: 9 Aug 2021 16:44

Tgt Ion:113 Resp: 180165  
Ion Ratio Lower Upper  
113 100  
111 102.6 83.8 125.8  
192 16.1 13.4 20.0





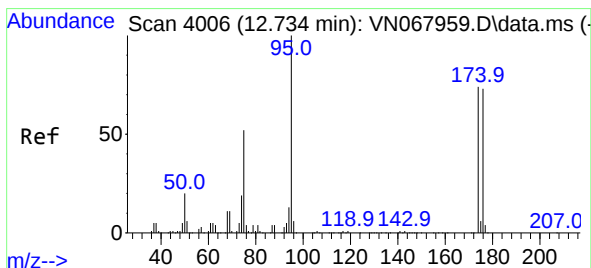
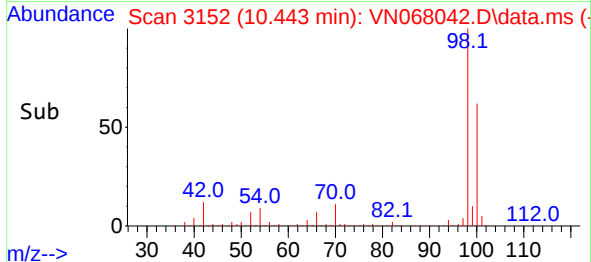
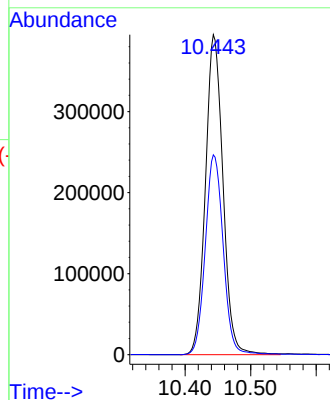
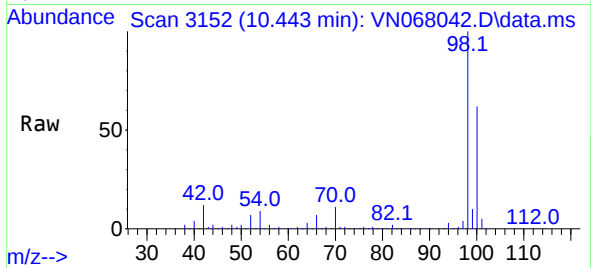
#50  
Toluene-d8  
Concen: 46.909 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068042.D  
Acq: 9 Aug 2021 16:44

Tgt Ion: 98 Resp: 732992  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.7 77.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB138255TB

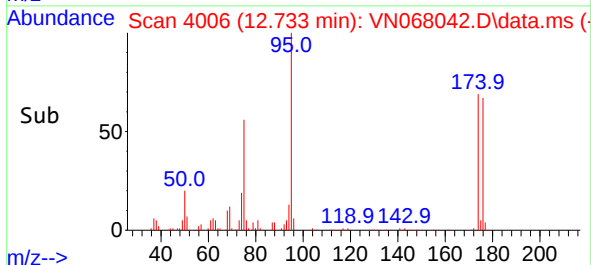
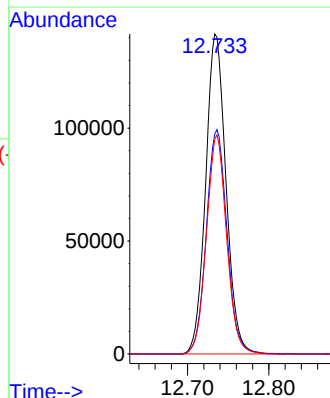
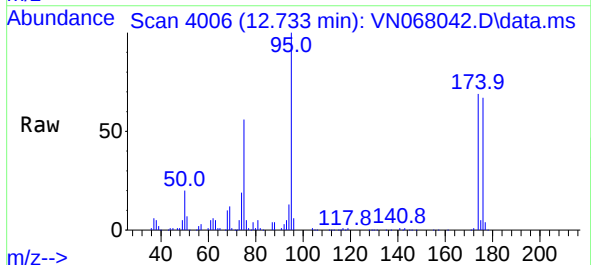
Manual Integrations  
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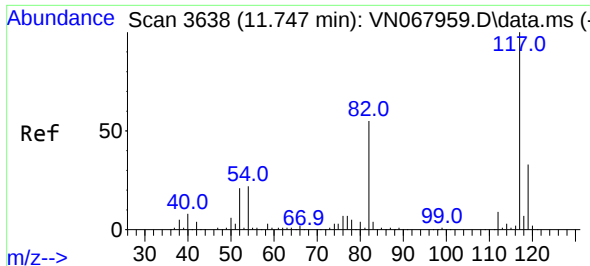
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#62  
4-Bromofluorobenzene  
Concen: 43.519 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN068042.D  
Acq: 9 Aug 2021 16:44

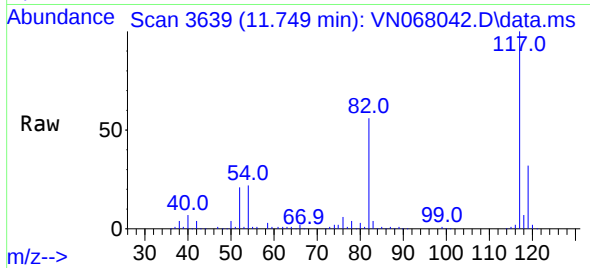
Tgt Ion: 95 Resp: 246167  
Ion Ratio Lower Upper  
95 100  
174 71.5 0.0 122.0  
176 67.9 0.0 117.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.002 min  
Lab File: VN068042.D  
Acq: 9 Aug 2021 16:44

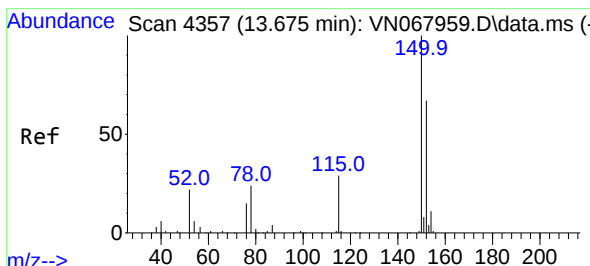
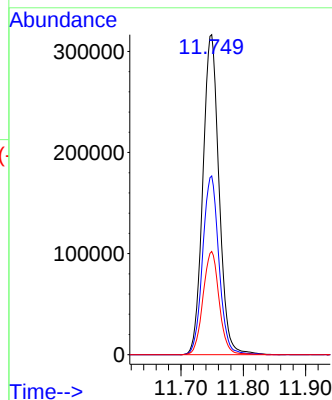
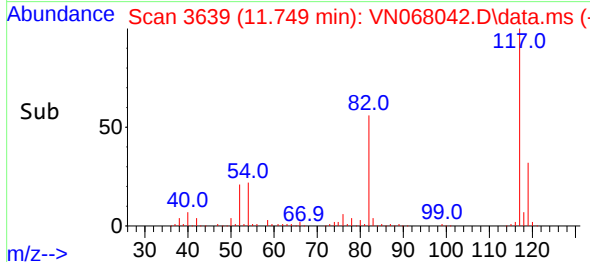
Instrument :  
MSVOA\_N  
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PB138255TB



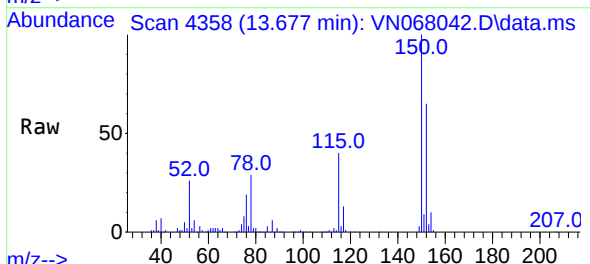
Tgt Ion:117 Resp: 571476  
Ion Ratio Lower Upper  
117 100  
82 55.9 53.1 79.7  
119 32.2 25.5 38.3

Manual Integrations  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. 0.002 min  
Lab File: VN068042.D  
Acq: 9 Aug 2021 16:44



Tgt Ion:152 Resp: 206818  
Ion Ratio Lower Upper  
152 100  
115 61.1 36.1 108.5  
150 155.1 0.0 351.8

