

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081821\  
 Data File : VN068203.D  
 Acq On : 18 Aug 2021 19:19  
 Operator : JC/MD  
 Sample : M3451-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-0-5-COMP

Manual Integrations  
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 8/19/2021 6:17:33 PM

Quant Time: Aug 19 03:08:22 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  | 398703              | 50.000 | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.971          | 114  | 677465              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.746         | 117  | 710919              | 50.000 | ug/l   | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4  | 13.677         | 152  | 263866              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 227280              | 53.389 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 106.780% |        |        |          |
| 35) Dibromofluoromethane    | 8.024          | 113  | 206567              | 48.566 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 97.140%  |        |        |          |
| 50) Toluene-d8              | 10.446         | 98   | 838575              | 51.743 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 103.480% |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.736         | 95   | 265570              | 49.224 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 98.440%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 4.307          | 43   | 12333m              | 9.923  | ug/l   |          |
| 20) Methylene Chloride      | 5.098          | 84   | 28244               | 6.357  | ug/l # | 78       |
| 43) Isopropyl Acetate       | 8.568          | 43   | 36531               | 4.834  | ug/l   | 92       |
| -----                       |                |      |                     |        |        |          |

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

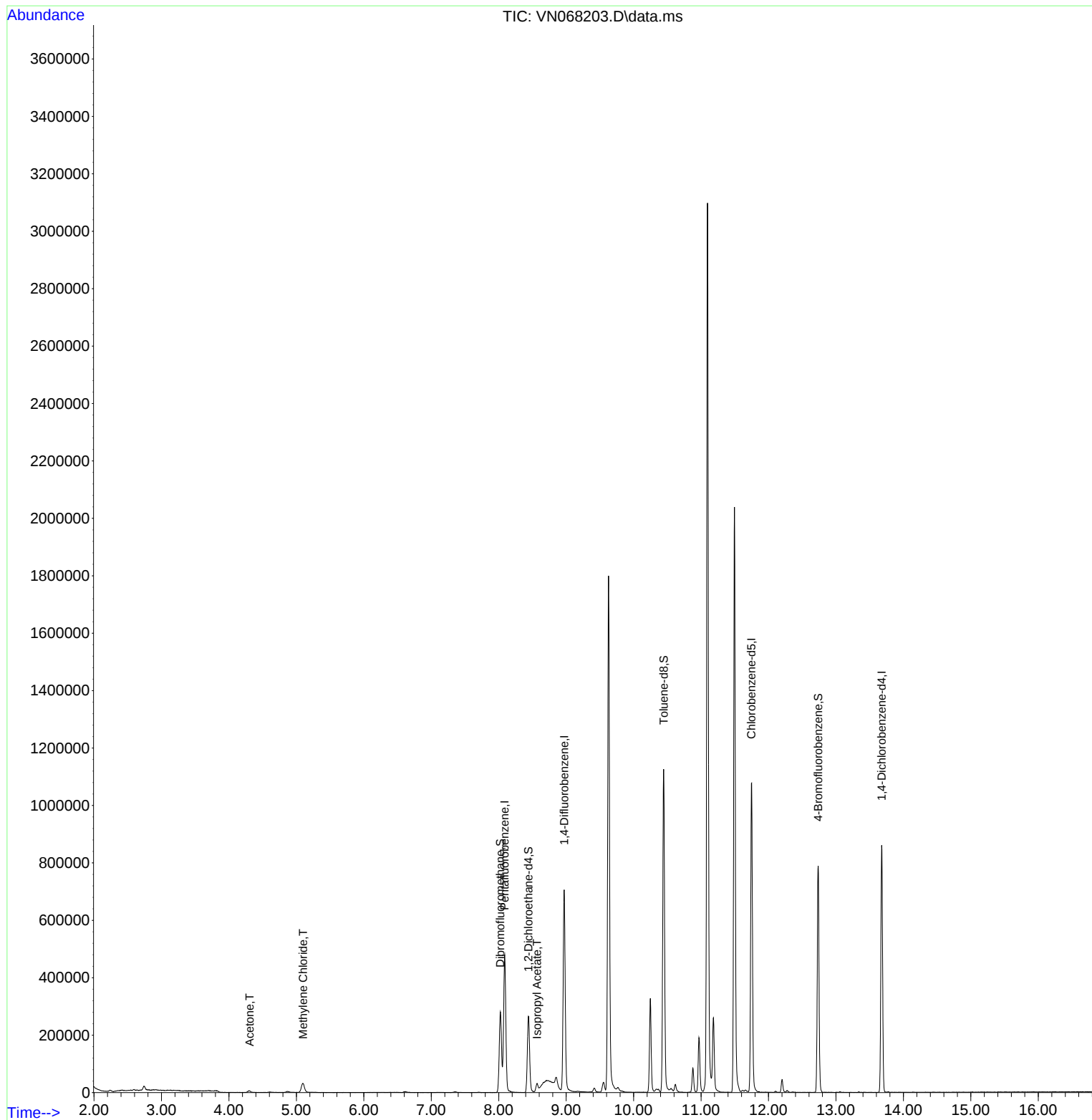
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081821\  
Data File : VN068203.D  
Acq On : 18 Aug 2021 19:19  
Operator : JC/MD  
Sample : M3451-02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

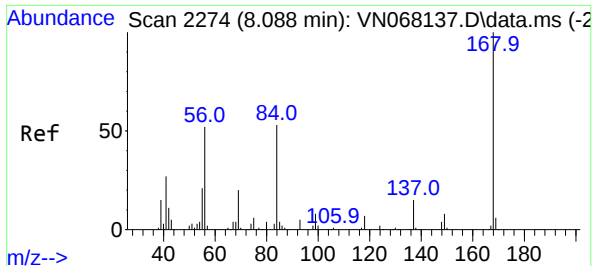
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-0-5-COMP

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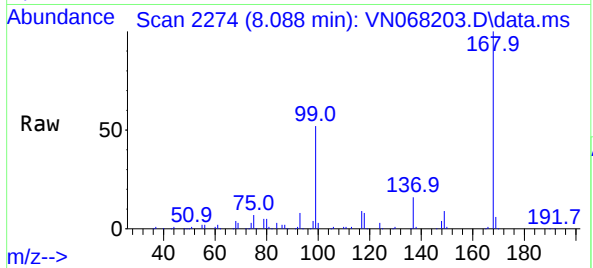
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Quant Time: Aug 19 03:08:22 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration

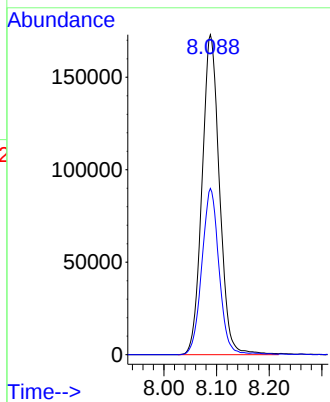
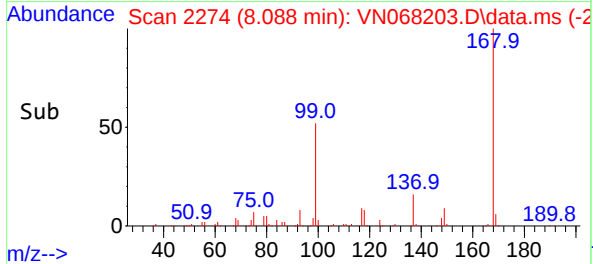




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068203.D  
Acq: 18 Aug 2021 19:19



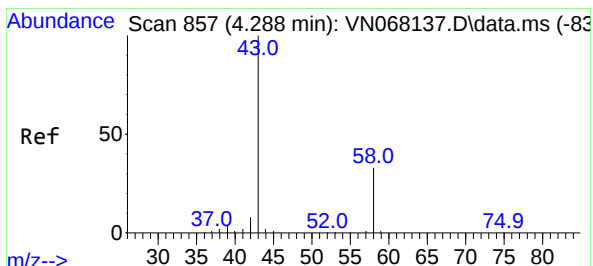
Tgt Ion: 168 Resp: 398703  
Ion Ratio Lower Upper  
168 100  
99 51.9 62.9 94.3#



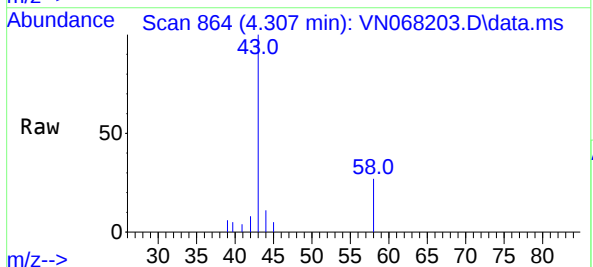
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-0-5-COMP

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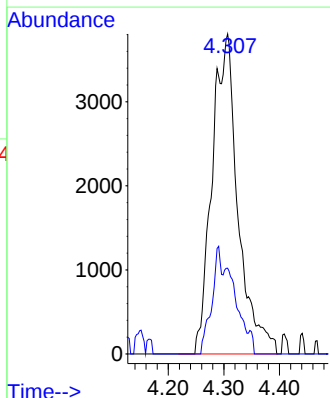
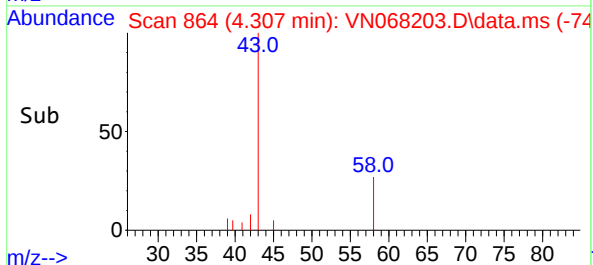
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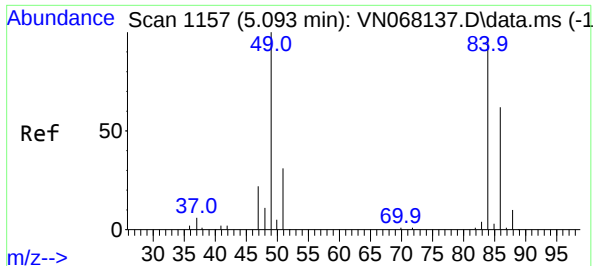


#16  
Acetone  
Concen: 9.923 ug/l m  
RT: 4.307 min Scan# 864  
Delta R.T. 0.019 min  
Lab File: VN068203.D  
Acq: 18 Aug 2021 19:19



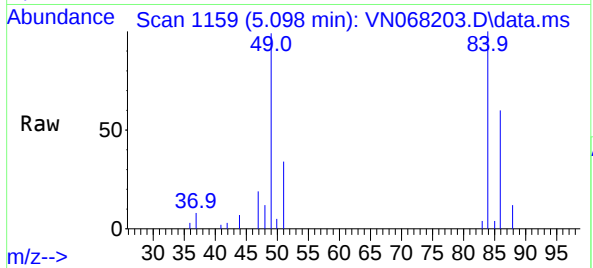
Tgt Ion: 43 Resp: 12333  
Ion Ratio Lower Upper  
43 100  
58 26.8 21.2 31.8





#20  
Methylene Chloride  
Concen: 6.357 ug/l  
RT: 5.098 min Scan# 1159  
Delta R.T. 0.005 min  
Lab File: VN068203.D  
Acq: 18 Aug 2021 19:19

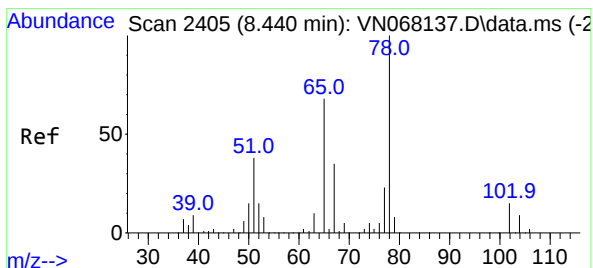
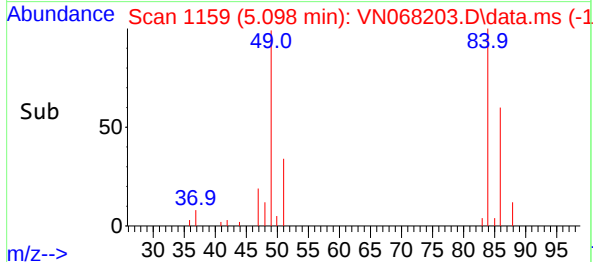
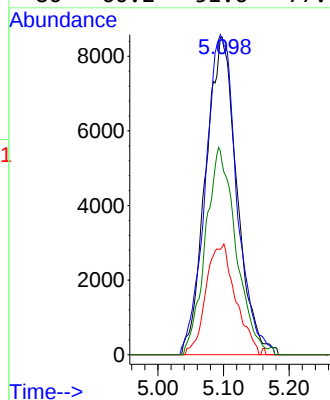
Instrument :  
MSVOA\_N  
ClientSampled :  
TP-0-5-COMP



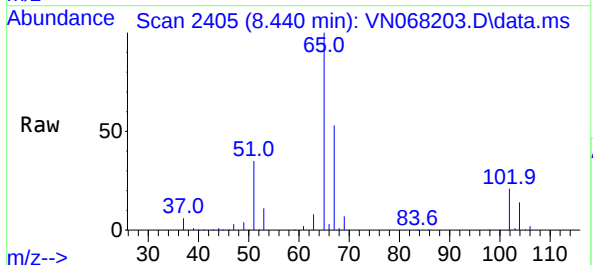
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 28244  |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 99.4  | 110.9 | 166.3# |
| 51       | 33.8  | 32.6  | 49.0   |
| 86       | 60.2  | 51.6  | 77.4   |

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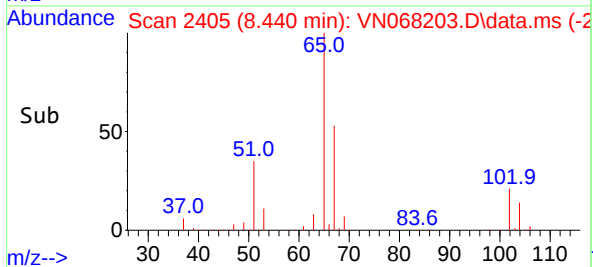
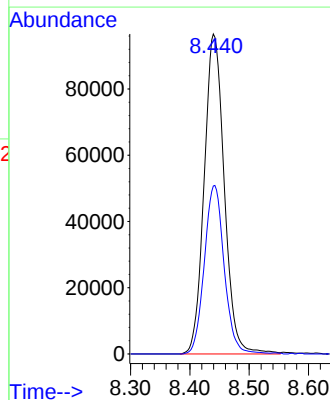
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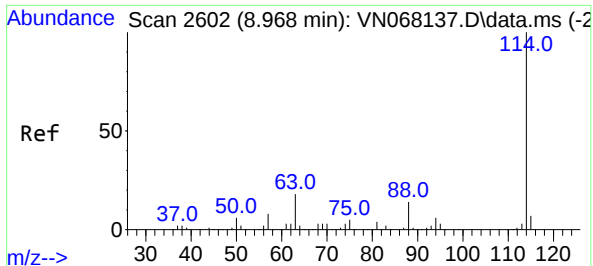


#33  
1,2-Dichloroethane-d4  
Concen: 53.389 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068203.D  
Acq: 18 Aug 2021 19:19



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 227280 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.9  | 0.0   | 98.6   |





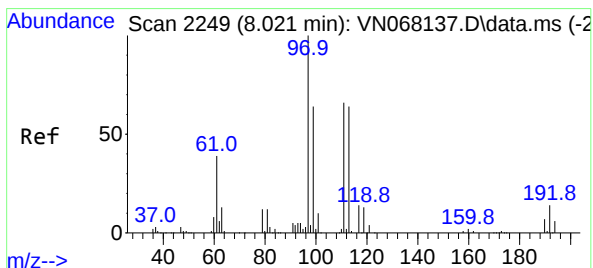
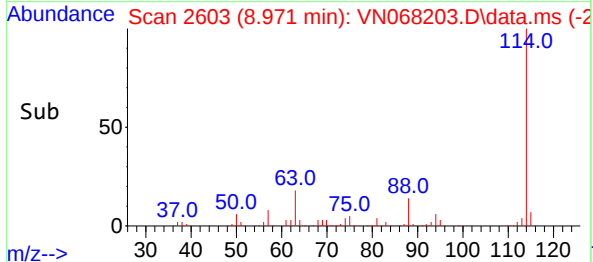
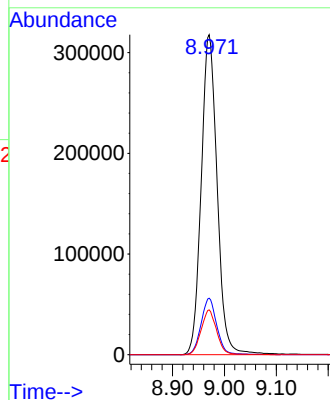
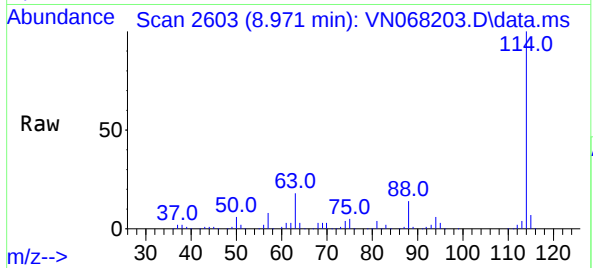
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068203.D  
Acq: 18 Aug 2021 19:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 677465 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 17.7  | 0.0   | 49.0   |
| 88        | 14.0  | 0.0   | 36.6   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-0-5-COMP

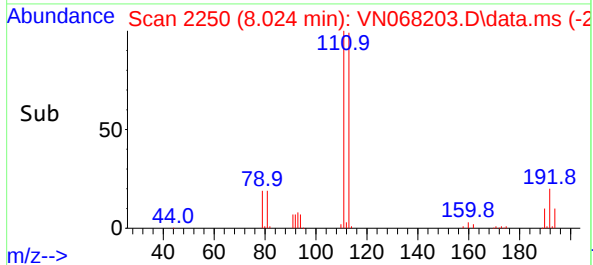
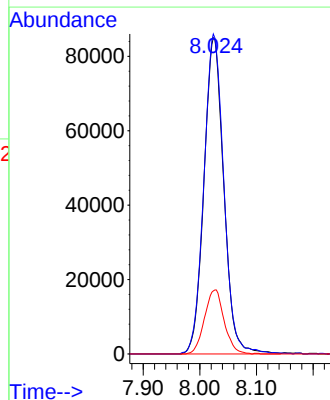
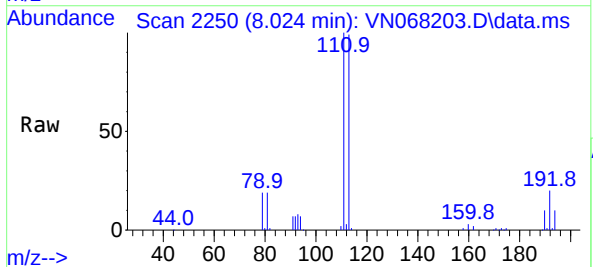
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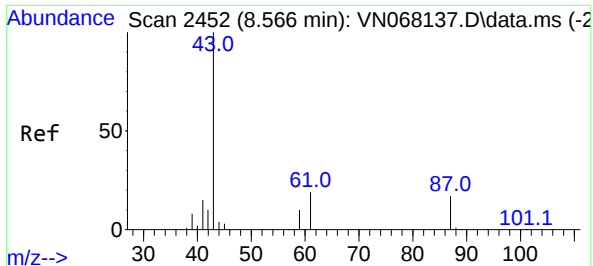
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#35  
Dibromofluoromethane  
Concen: 48.566 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN068203.D  
Acq: 18 Aug 2021 19:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 206567 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.6 | 83.8  | 125.8  |
| 192       | 20.1  | 13.4  | 20.0#  |





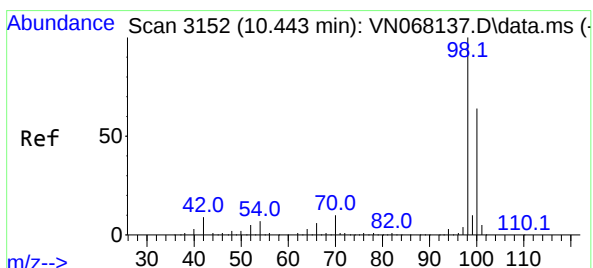
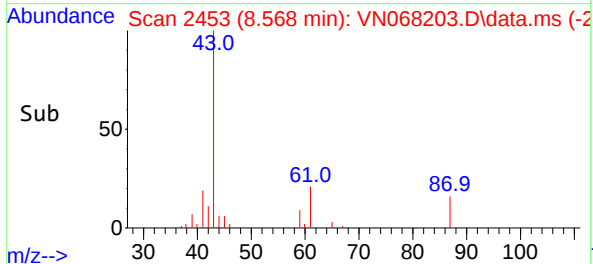
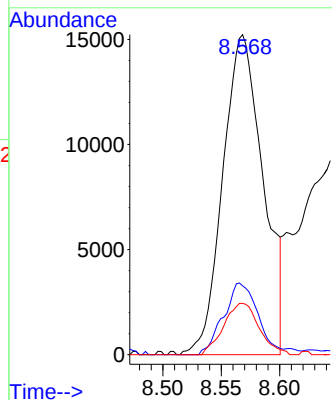
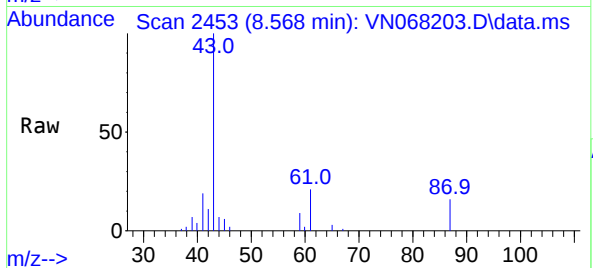
#43  
Isopropyl Acetate  
Concen: 4.834 ug/l  
RT: 8.568 min Scan# 2453  
Delta R.T. 0.002 min  
Lab File: VN068203.D  
Acq: 18 Aug 2021 19:19

Tgt Ion: 43 Resp: 36531  
Ion Ratio Lower Upper  
43 100  
61 19.1 19.0 28.4  
87 14.1 9.5 14.3

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-0-5-COMP

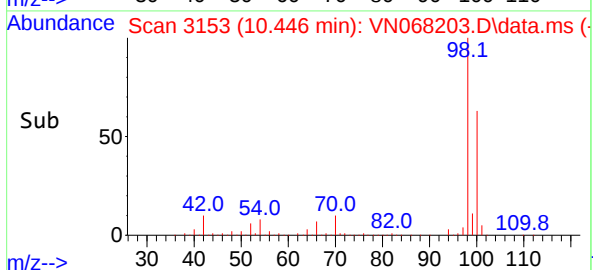
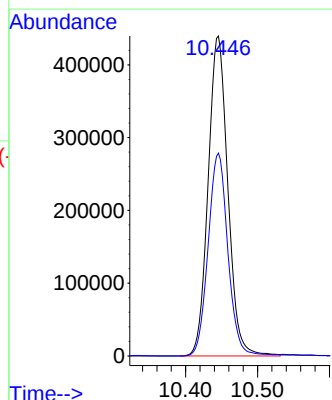
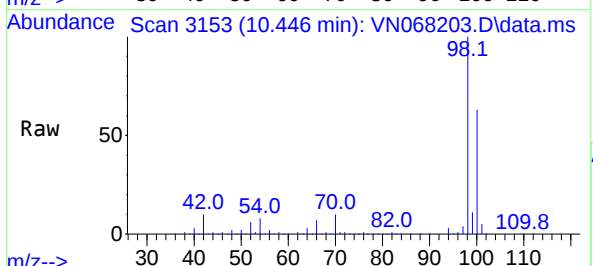
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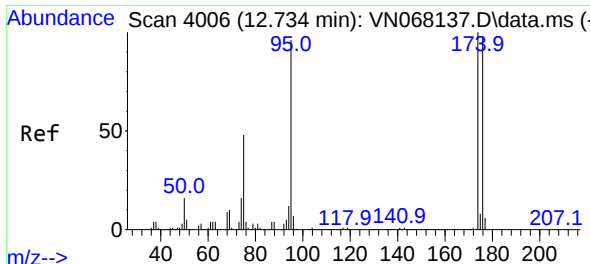
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#50  
Toluene-d8  
Concen: 51.743 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VN068203.D  
Acq: 18 Aug 2021 19:19

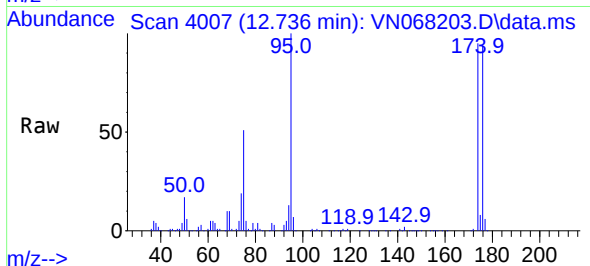
Tgt Ion: 98 Resp: 838575  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.7 77.5





#62  
4-Bromofluorobenzene  
Concen: 49.224 ug/l  
RT: 12.736 min Scan# 4007  
Delta R.T. 0.002 min  
Lab File: VN068203.D  
Acq: 18 Aug 2021 19:19

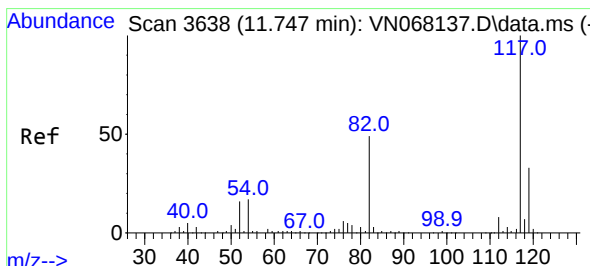
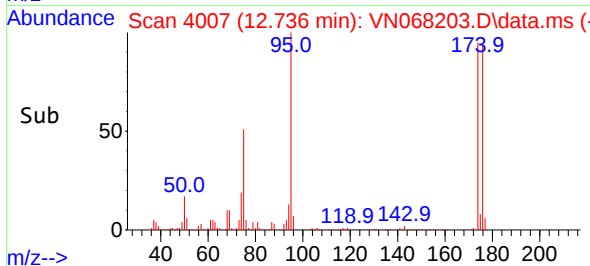
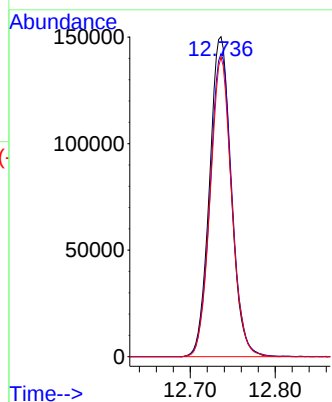
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-0-5-COMP



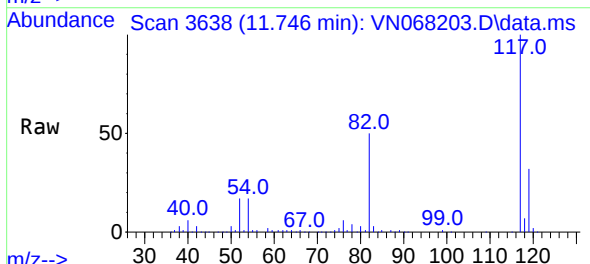
Tgt Ion: 95 Resp: 265570  
Ion Ratio Lower Upper  
95 100  
174 95.8 0.0 122.0  
176 92.3 0.0 117.6

Manual Integrations  
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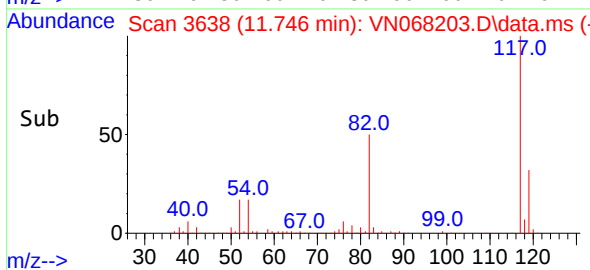
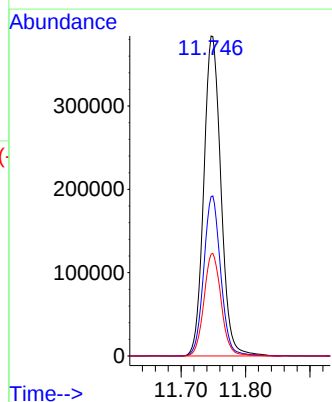
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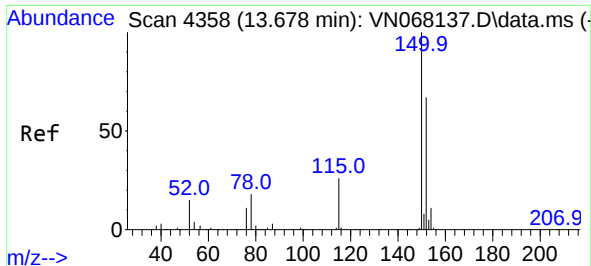


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.001 min  
Lab File: VN068203.D  
Acq: 18 Aug 2021 19:19



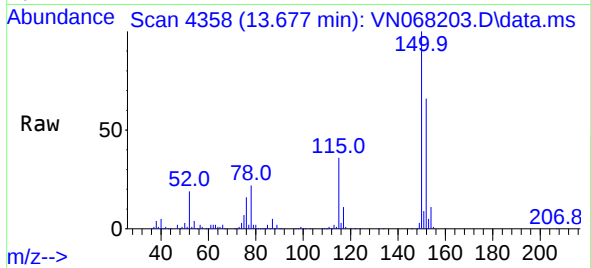
Tgt Ion: 117 Resp: 710919  
Ion Ratio Lower Upper  
117 100  
82 49.8 53.1 79.7#  
119 31.8 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.677 min Scan# 4358  
 Delta R.T. -0.001 min  
 Lab File: VN068203.D  
 Acq: 18 Aug 2021 19:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-0-5-COMP



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.9  | 36.1  | 108.5 |
| 150     | 154.9 | 0.0   | 351.8 |

Manual Integrations  
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