

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082021\  
 Data File : VN068244.D  
 Acq On : 20 Aug 2021 14:47  
 Operator : JC/MD  
 Sample : M3509-03  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB

Manual Integrations  
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Quant Time: Aug 20 23:58:34 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  | 463168              | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.971          | 114  | 776457              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.747         | 117  | 779704              | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4  | 13.678         | 152  | 296139              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 256527              | 51.872 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 103.740% |        |       |          |
| 35) Dibromofluoromethane    | 8.024          | 113  | 237104              | 48.639 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 97.280%  |        |       |          |
| 50) Toluene-d8              | 10.443         | 98   | 928970              | 50.013 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 100.020% |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.733         | 95   | 300627              | 48.618 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 97.240%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       | Qvalue   |
| 16) Acetone                 | 4.299          | 43   | 3782m               | 2.619  | ug/l  |          |
| -----                       |                |      |                     |        |       |          |

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

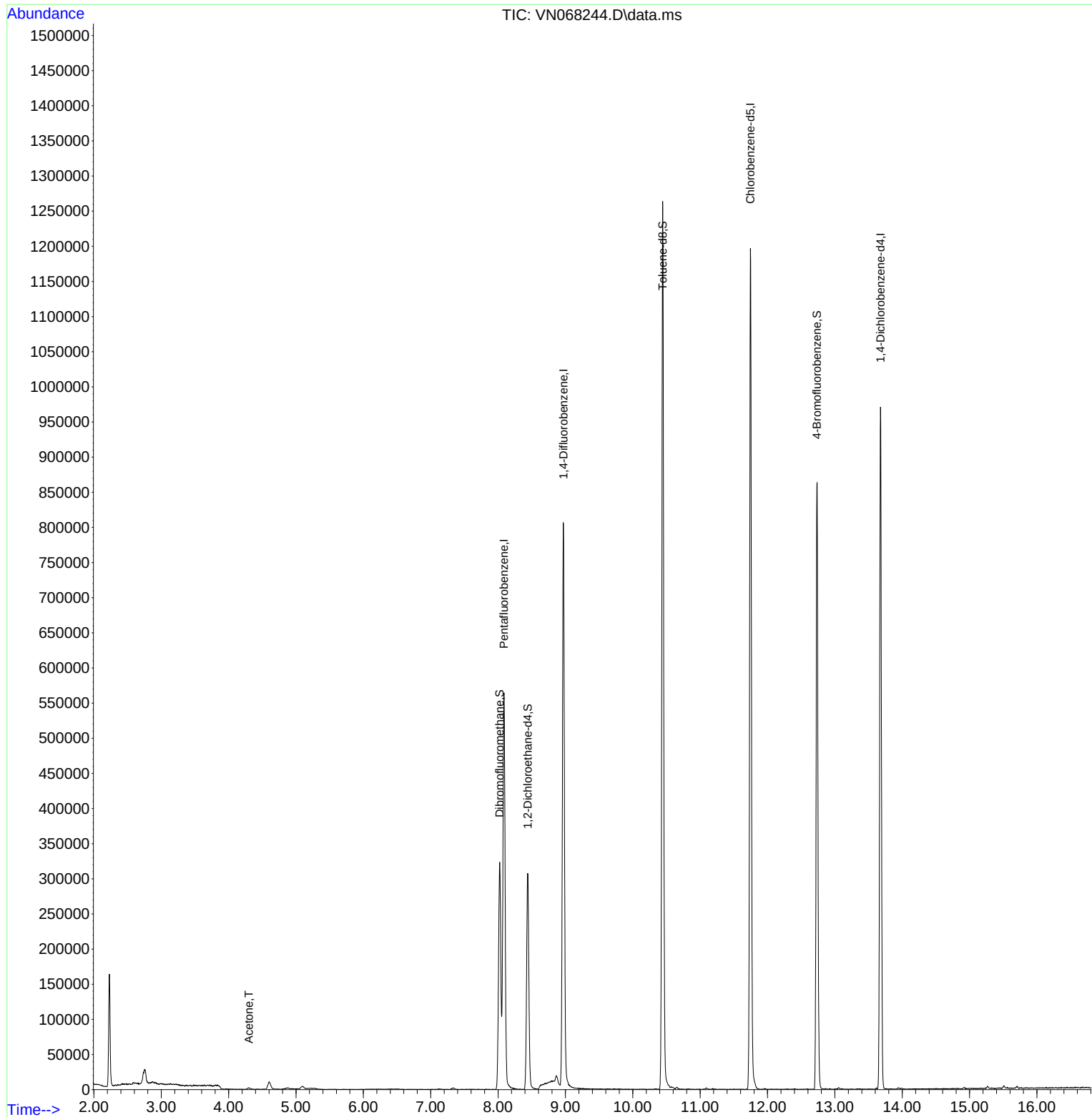
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082021\  
Data File : VN068244.D  
Acq On : 20 Aug 2021 14:47  
Operator : JC/MD  
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ALS Vial : 11 Sample Multiplier: 1

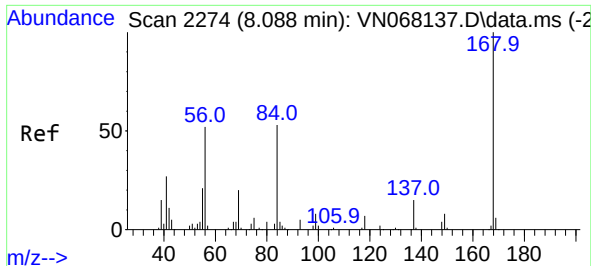
Instrument :  
MSVOA\_N  
ClientSampleId :  
TB

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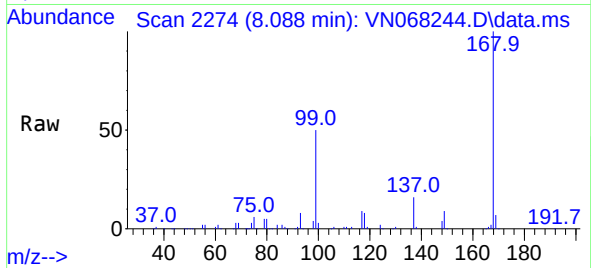
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Quant Time: Aug 20 23:58:34 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration

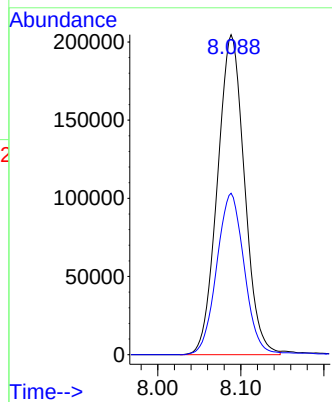
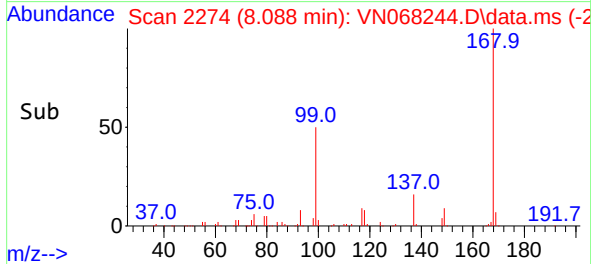




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068244.D  
Acq: 20 Aug 2021 14:47



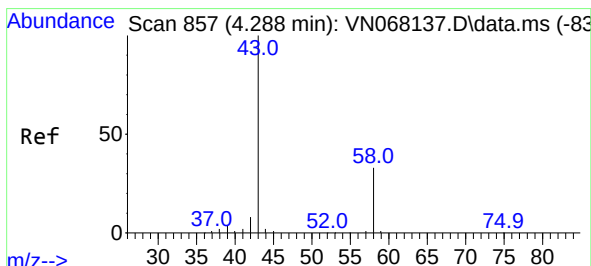
Tgt Ion:168 Resp: 463168  
Ion Ratio Lower Upper  
168 100  
99 50.4 62.9 94.3#



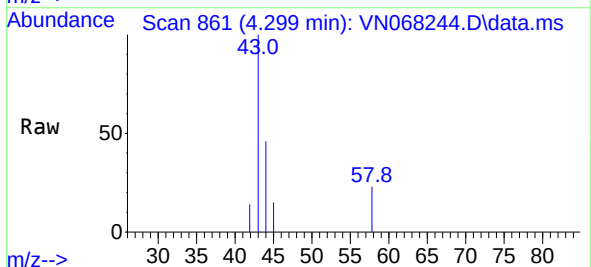
Instrument :  
MSVOA\_N  
ClientSampled :  
TB

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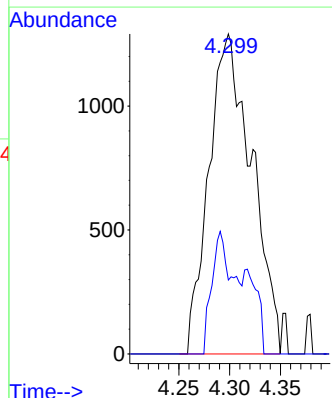
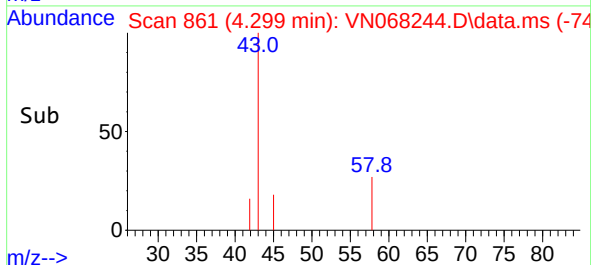
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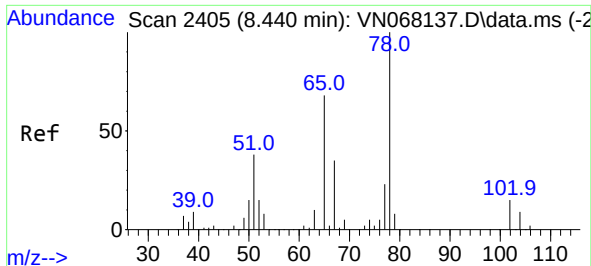


#16  
Acetone  
Concen: 2.619 ug/l m  
RT: 4.299 min Scan# 861  
Delta R.T. 0.011 min  
Lab File: VN068244.D  
Acq: 20 Aug 2021 14:47



Tgt Ion: 43 Resp: 3782  
Ion Ratio Lower Upper  
43 100  
58 23.1 21.2 31.8





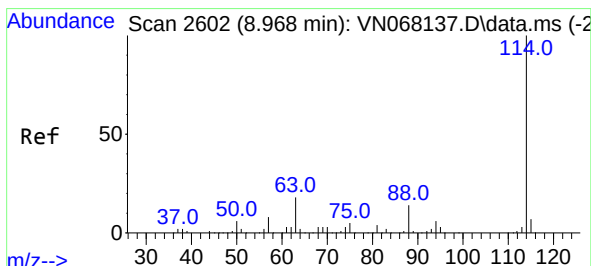
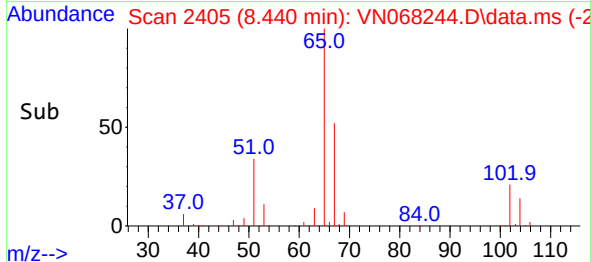
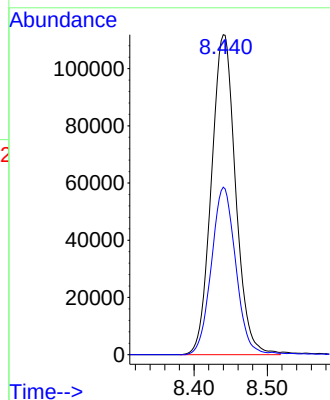
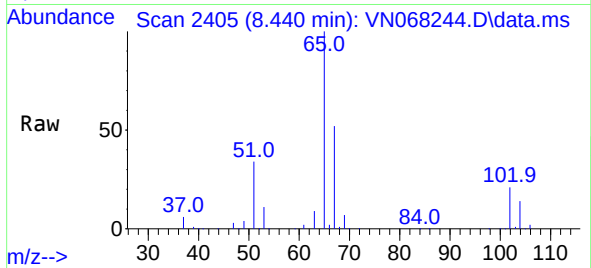
#33  
1,2-Dichloroethane-d4  
Concen: 51.872 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068244.D  
Acq: 20 Aug 2021 14:47

Tgt Ion: 65 Resp: 256527  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 98.6

Instrument :  
MSVOA\_N  
ClientSampled :  
TB

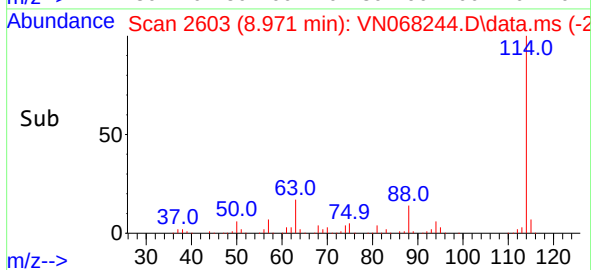
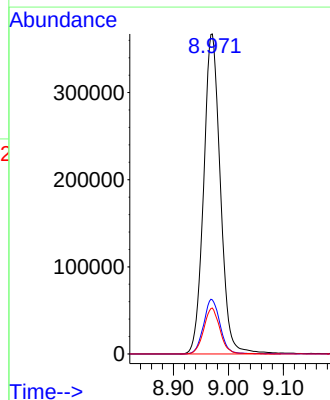
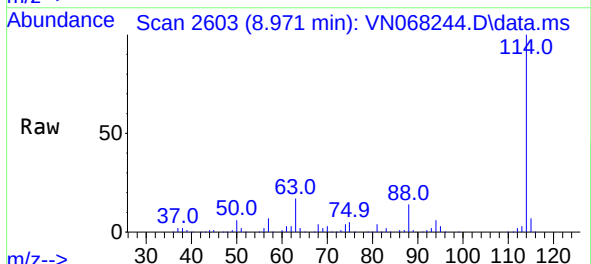
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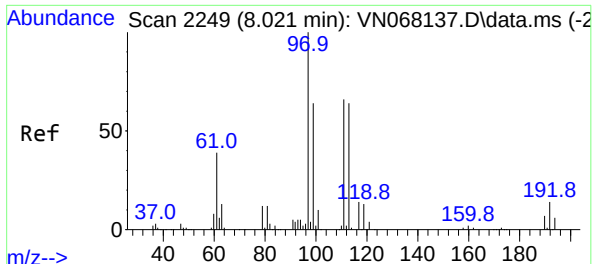
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068244.D  
Acq: 20 Aug 2021 14:47

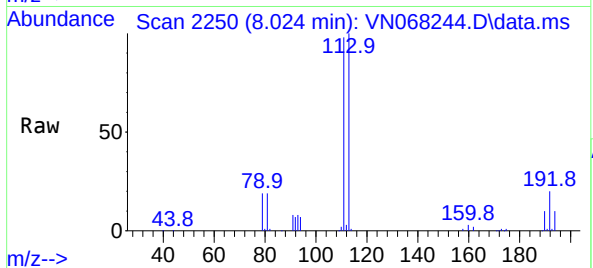
Tgt Ion: 114 Resp: 776457  
Ion Ratio Lower Upper  
114 100  
63 16.9 0.0 49.0  
88 14.4 0.0 36.6





#35  
Dibromofluoromethane  
Concen: 48.639 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN068244.D  
Acq: 20 Aug 2021 14:47

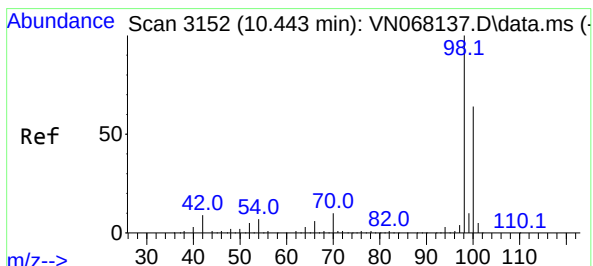
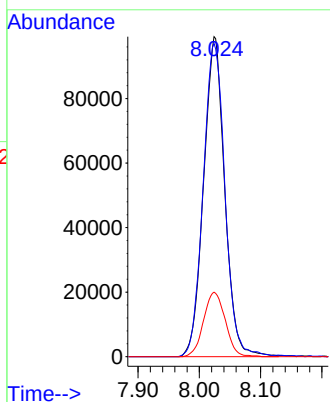
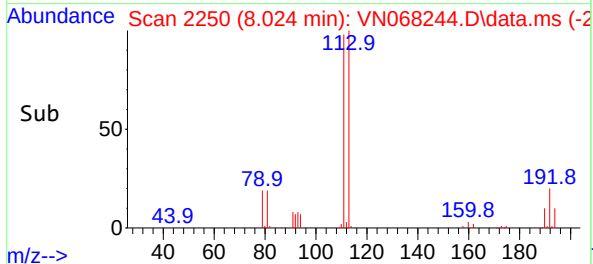
Instrument :  
MSVOA\_N  
ClientSampled :  
TB



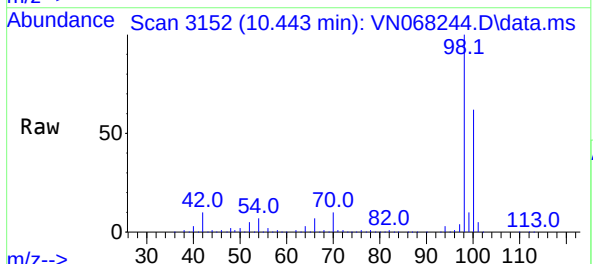
Tgt Ion:113 Resp: 237104  
Ion Ratio Lower Upper  
113 100  
111 101.2 83.8 125.8  
192 20.8 13.4 20.0#

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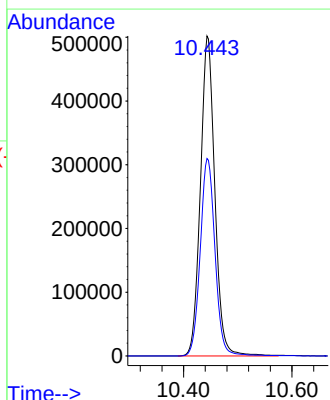
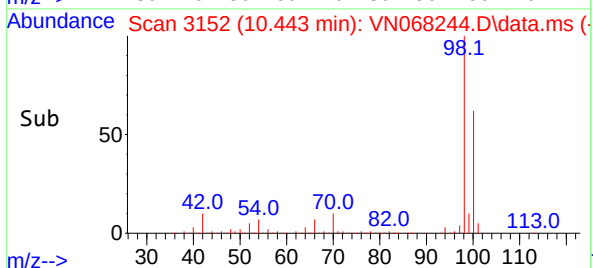
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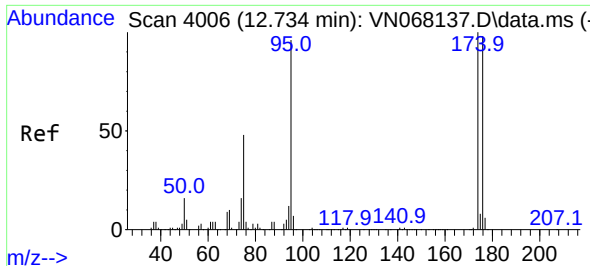


#50  
Toluene-d8  
Concen: 50.013 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068244.D  
Acq: 20 Aug 2021 14:47



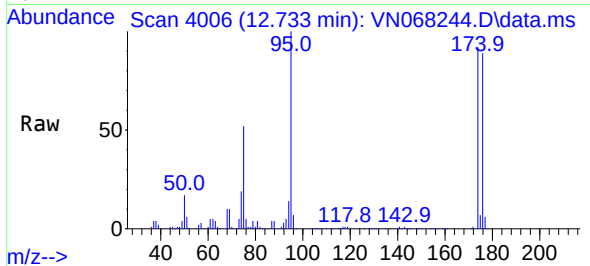
Tgt Ion: 98 Resp: 928970  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.7 77.5





#62  
4-Bromofluorobenzene  
Concen: 48.618 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN068244.D  
Acq: 20 Aug 2021 14:47

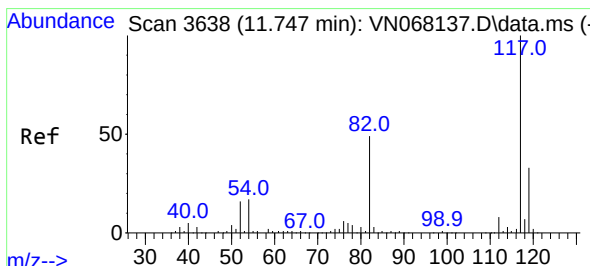
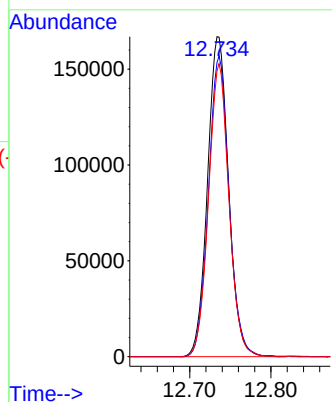
Instrument :  
MSVOA\_N  
ClientSampled :  
TB



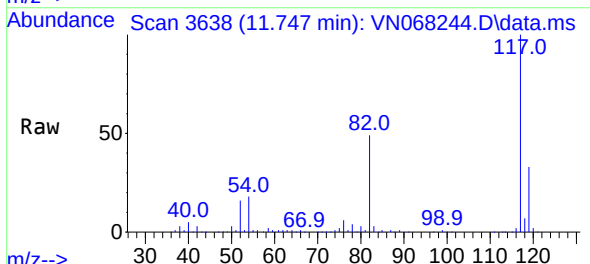
Tgt Ion: 95 Resp: 300627  
Ion Ratio Lower Upper  
95 100  
174 92.5 0.0 122.0  
176 88.7 0.0 117.6

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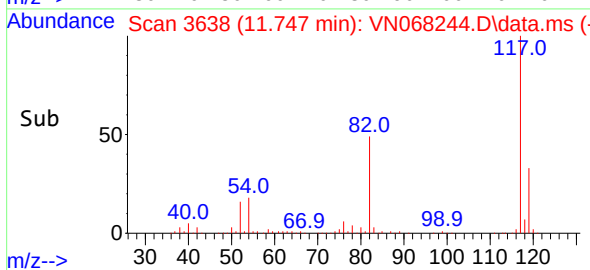
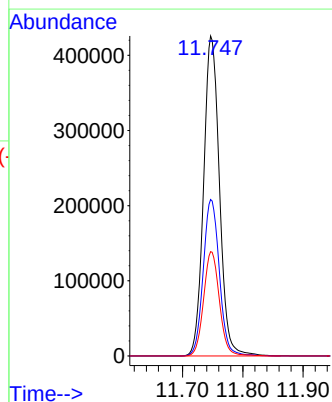
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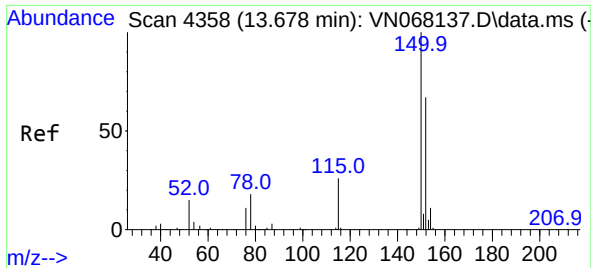


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN068244.D  
Acq: 20 Aug 2021 14:47



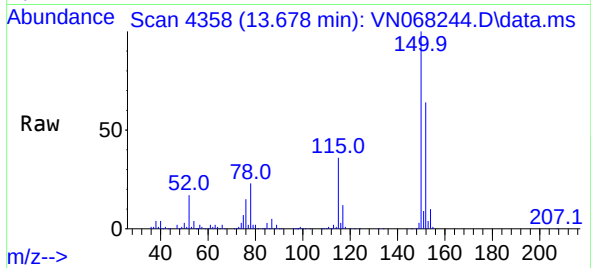
Tgt Ion: 117 Resp: 779704  
Ion Ratio Lower Upper  
117 100  
82 48.9 53.1 79.7#  
119 32.6 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.678 min Scan# 4358  
 Delta R.T. -0.000 min  
 Lab File: VN068244.D  
 Acq: 20 Aug 2021 14:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB



Tgt Ion:152 Resp: 296139  
 Ion Ratio Lower Upper  
 152 100  
 115 54.4 36.1 108.5  
 150 155.4 0.0 351.8

Manual Integrations  
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