

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092521\  
 Data File : VN068665.D  
 Acq On : 25 Sep 2021 14:13  
 Operator : JC/MD  
 Sample : PB139230ZHE#01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB139230ZHE#01

Manual Integrations  
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 9/27/2021 11:00:44 AM

Quant Time: Sep 27 04:43:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 13:52:37 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 8.088          | 168  | 562534     | 50.000  | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.968          | 114  | 919246     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.747         | 117  | 1077970    | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675         | 152  | 383335     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.437          | 65   | 395936     | 44.984  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 89.960% |        |          |
| 35) Dibromofluoromethane    | 8.021          | 113  | 299546     | 48.654  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 97.300% |        |          |
| 50) Toluene-d8              | 10.443         | 98   | 1161542    | 44.554  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 89.100% |        |          |
| 62) 4-Bromofluorobenzene    | 12.734         | 95   | 356376     | 39.970  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 79.940% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 4.291          | 43   | 70109      | 11.045  | ug/l   | 99       |
| 20) Methylene Chloride      | 5.103          | 84   | 25683m     | 1.949   | ug/l   |          |
| 43) Isopropyl Acetate       | 8.563          | 43   | 53128      | 2.947   | ug/l # | 91       |
| -----                       |                |      |            |         |        |          |

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

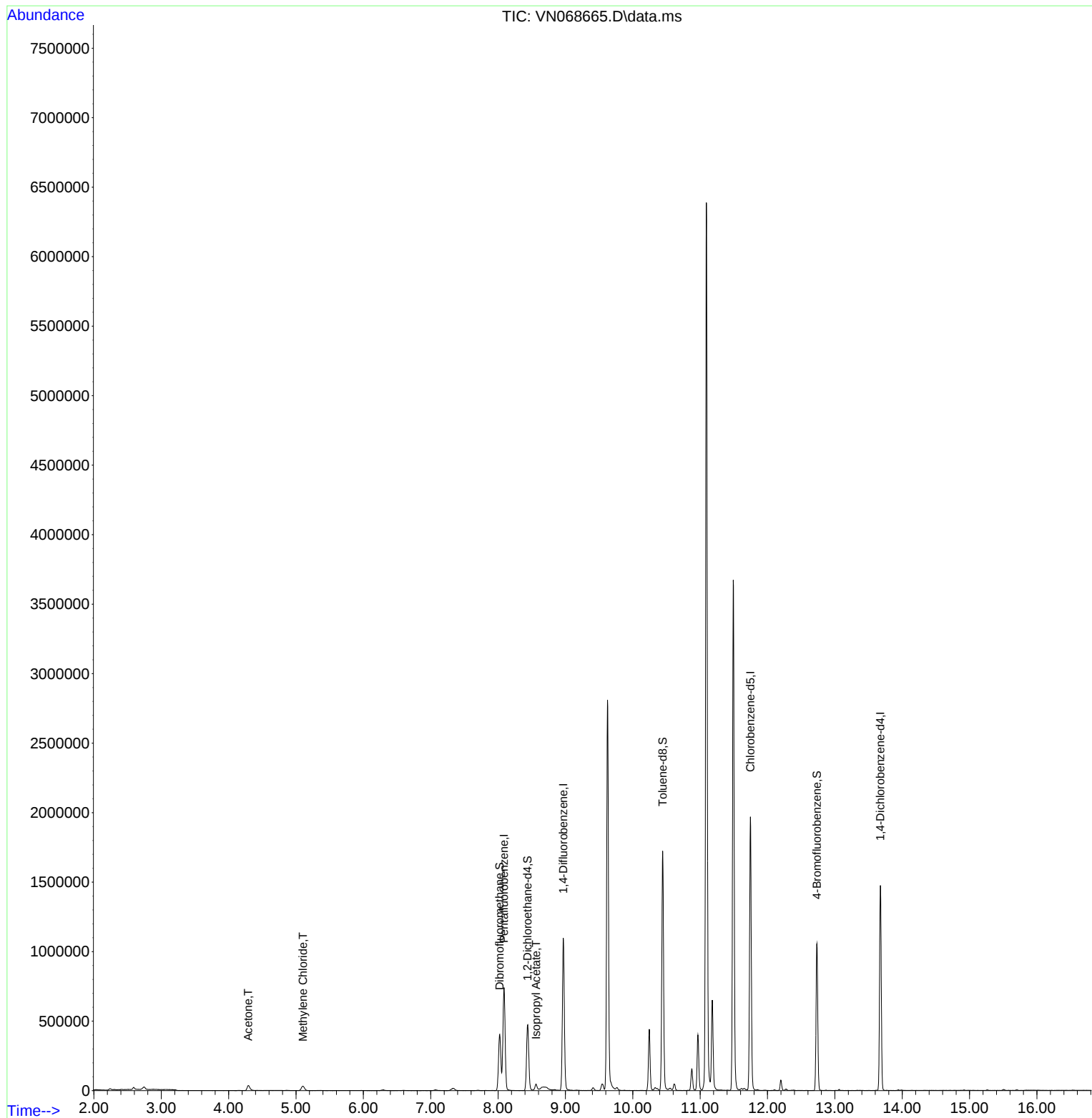
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092521\  
Data File : VN068665.D  
Acq On : 25 Sep 2021 14:13  
Operator : JC/MD  
Sample : PB139230ZHE#01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

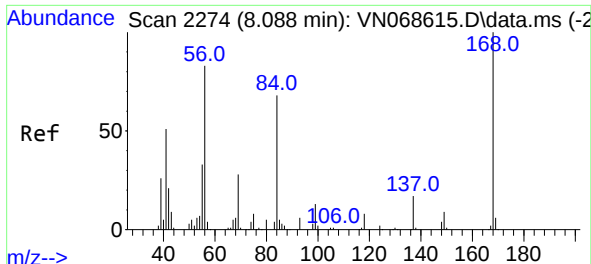
Instrument :  
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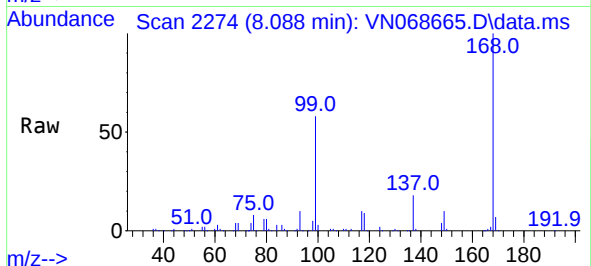
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Quant Time: Sep 27 04:43:21 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092321W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 23 13:52:37 2021  
Response via : Initial Calibration

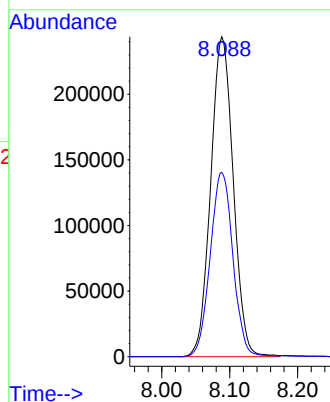
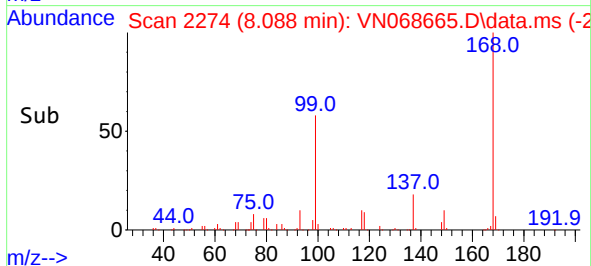




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068665.D  
Acq: 25 Sep 2021 14:13



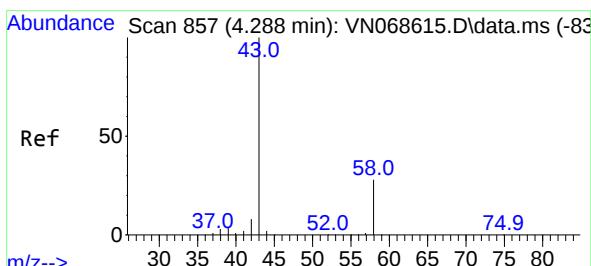
Tgt Ion: 168 Resp: 562534  
Ion Ratio Lower Upper  
168 100  
99 57.6 62.9 94.3#



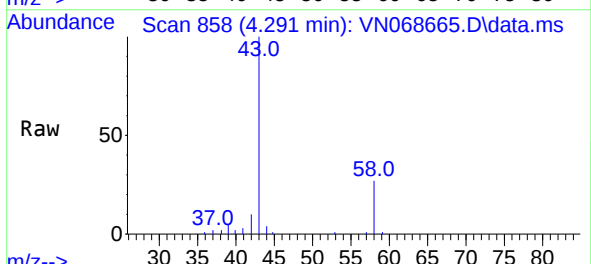
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB139230ZHE#01

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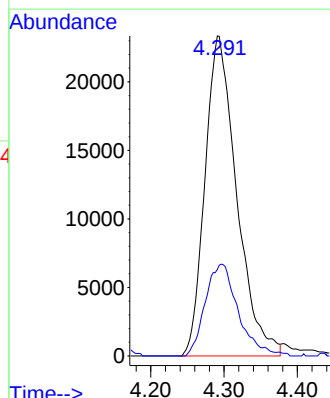
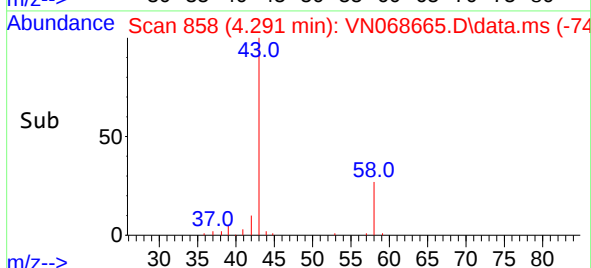
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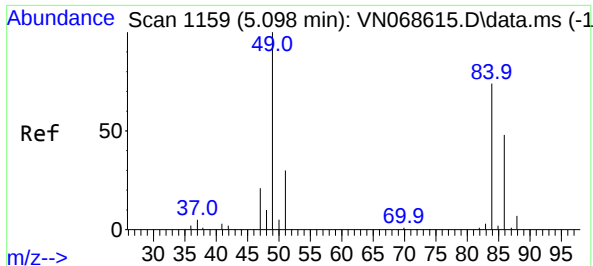


#16  
Acetone  
Concen: 11.045 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.003 min  
Lab File: VN068665.D  
Acq: 25 Sep 2021 14:13

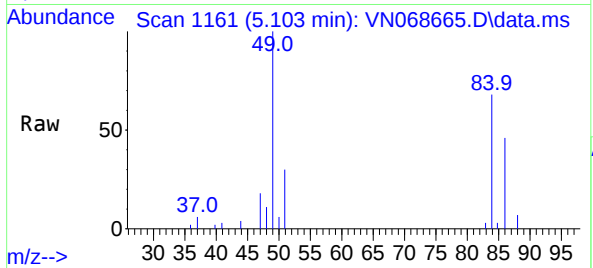


Tgt Ion: 43 Resp: 70109  
Ion Ratio Lower Upper  
43 100  
58 27.0 21.2 31.8



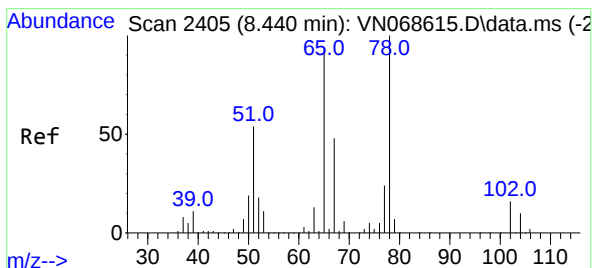
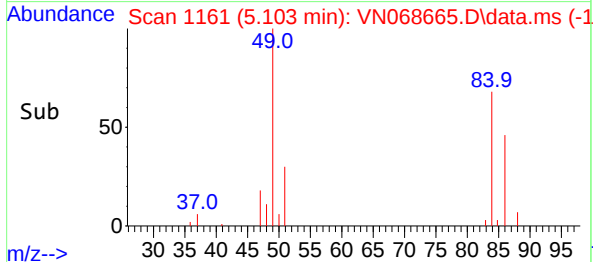
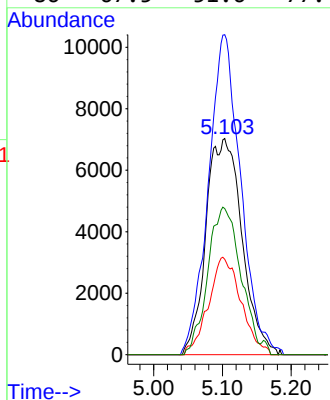


#20  
Methylene Chloride  
Concen: 1.949 ug/l m  
RT: 5.103 min Scan# 1161  
Delta R.T. 0.005 min  
Lab File: VN068665.D  
Acq: 25 Sep 2021 14:13

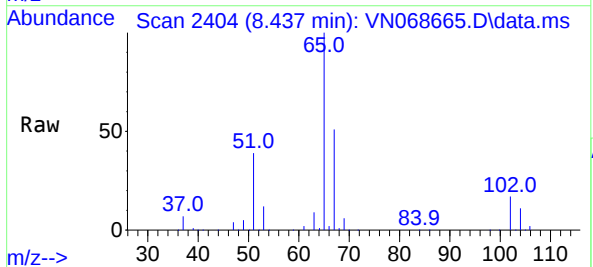


Tgt Ion: 84 Resp: 25683

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 148.0 | 110.9 | 166.3 |
| 51  | 44.2  | 32.6  | 49.0  |
| 86  | 67.5  | 51.6  | 77.4  |

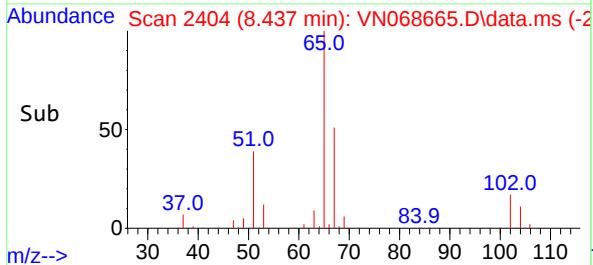
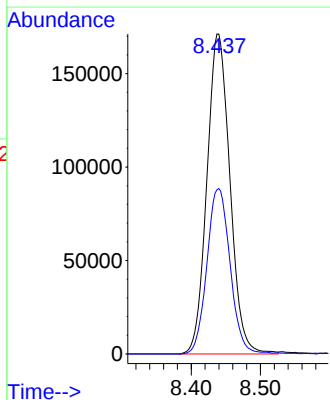


#33  
1,2-Dichloroethane-d4  
Concen: 44.984 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. -0.003 min  
Lab File: VN068665.D  
Acq: 25 Sep 2021 14:13



Tgt Ion: 65 Resp: 395936

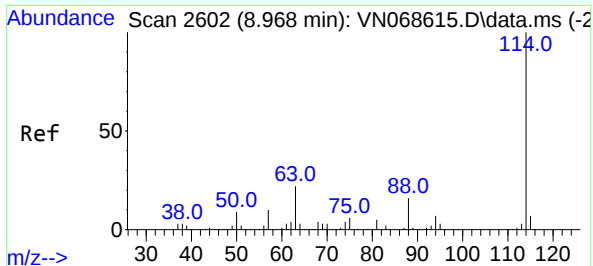
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.0  | 0.0   | 98.6  |



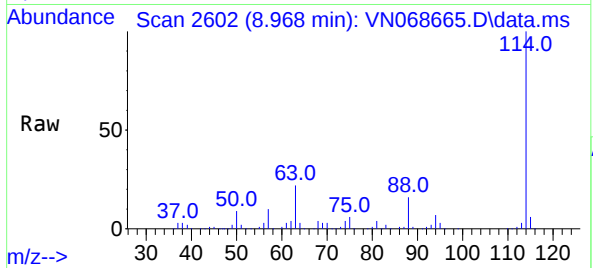
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB139230ZHE#01

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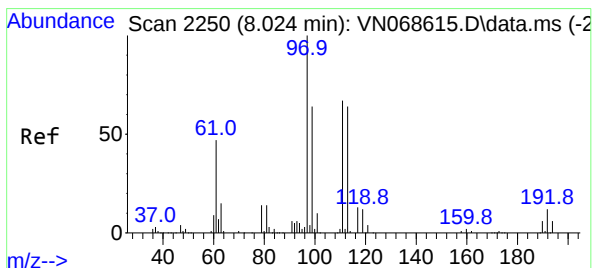
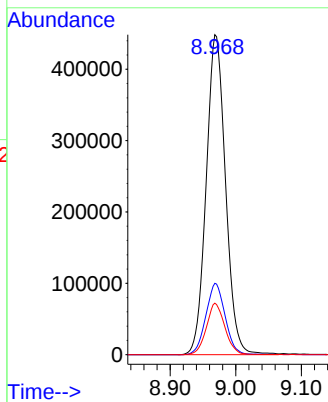
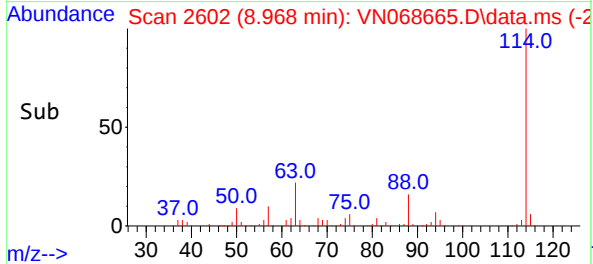
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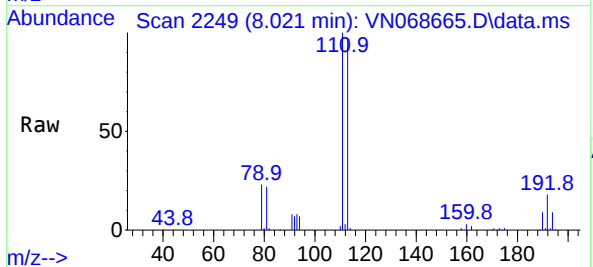
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. 0.000 min  
Lab File: VN068665.D  
Acq: 25 Sep 2021 14:13



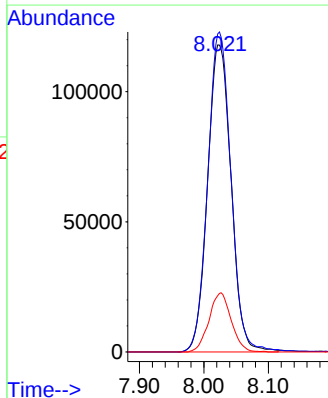
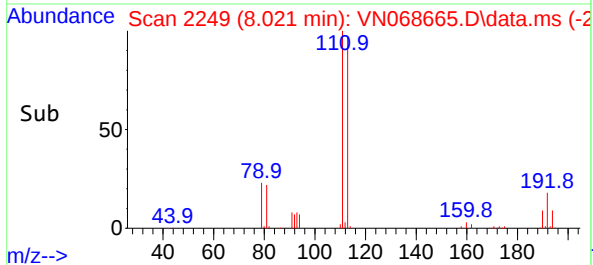
Tgt Ion:114 Resp: 919246  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 49.0  
88 16.1 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 48.654 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. -0.003 min  
Lab File: VN068665.D  
Acq: 25 Sep 2021 14:13



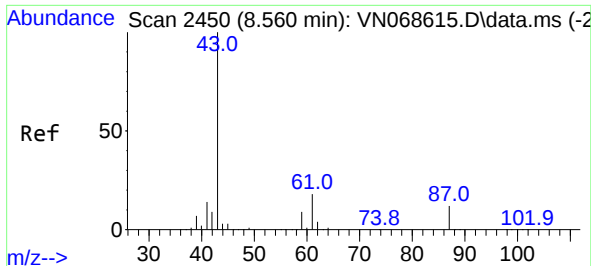
Tgt Ion:113 Resp: 299546  
Ion Ratio Lower Upper  
113 100  
111 102.8 83.8 125.8  
192 18.2 13.4 20.0



Instrument :  
MSVOA\_N  
ClientSampleId :  
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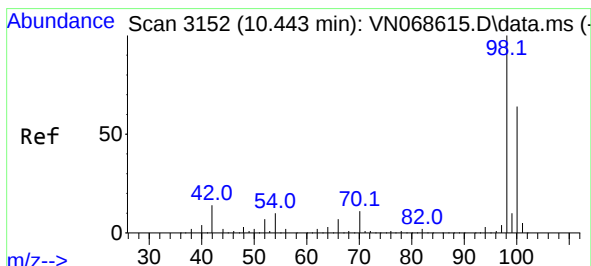
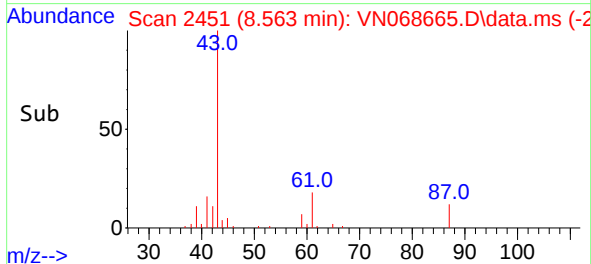
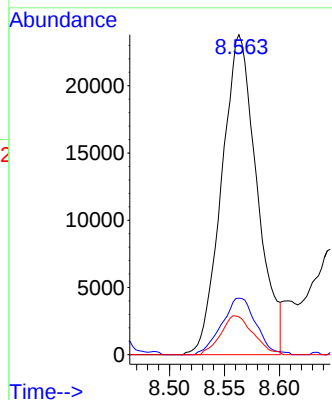
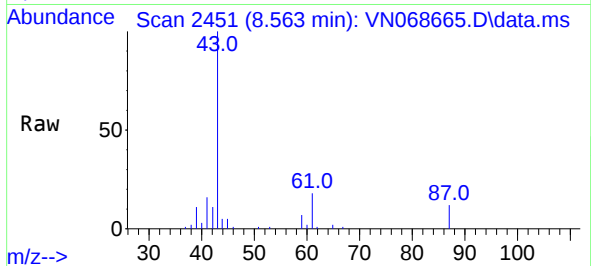
#43  
Isopropyl Acetate  
Concen: 2.947 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.003 min  
Lab File: VN068665.D  
Acq: 25 Sep 2021 14:13

Tgt Ion: 43 Resp: 53128  
Ion Ratio Lower Upper  
43 100  
61 17.2 19.0 28.4#  
87 11.2 9.5 14.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB139230ZHE#01

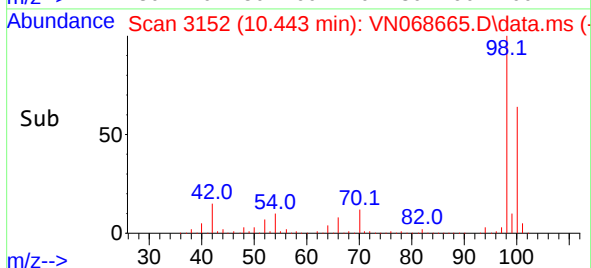
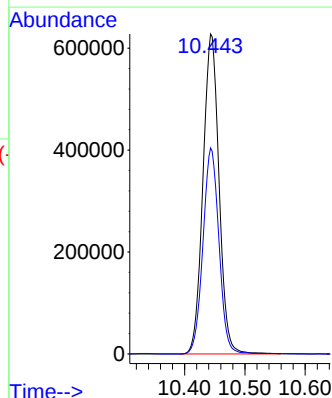
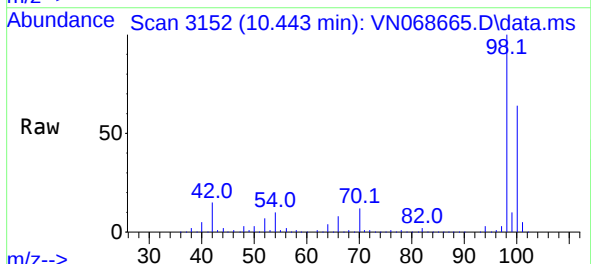
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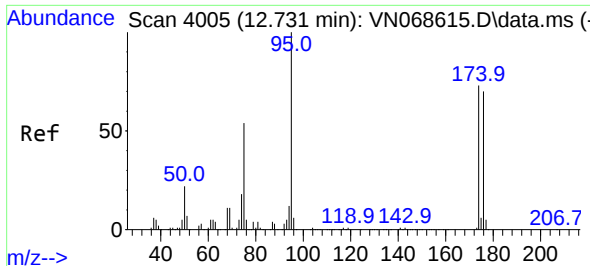
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#50  
Toluene-d8  
Concen: 44.554 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068665.D  
Acq: 25 Sep 2021 14:13

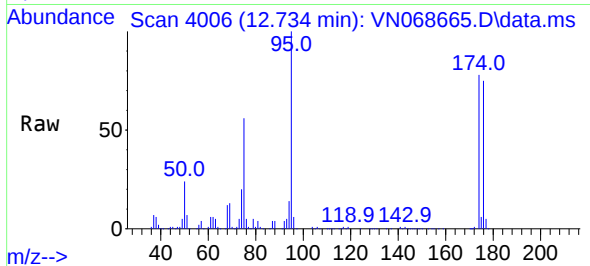
Tgt Ion: 98 Resp: 1161542  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.7 77.5





#62  
4-Bromofluorobenzene  
Concen: 39.970 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.003 min  
Lab File: VN068665.D  
Acq: 25 Sep 2021 14:13

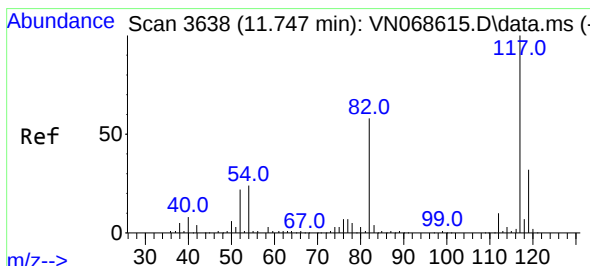
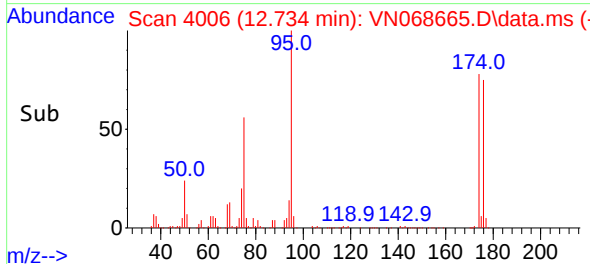
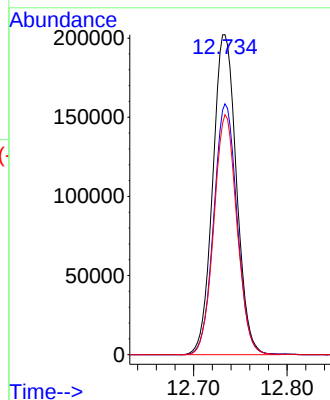
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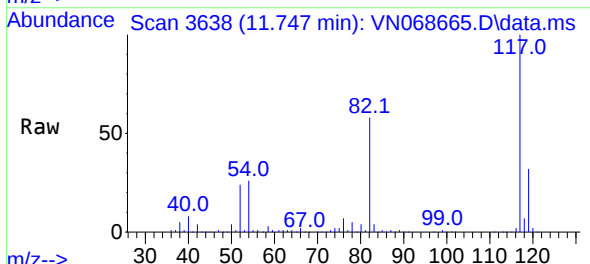
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Ion Ratio Lower Upper  
95 100  
174 77.4 0.0 122.0  
176 73.4 0.0 117.6

Manual Integrations  
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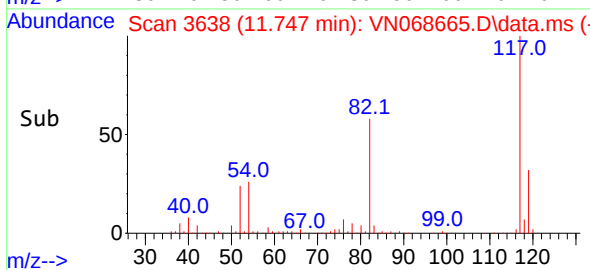
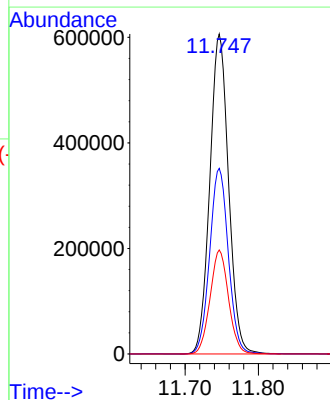
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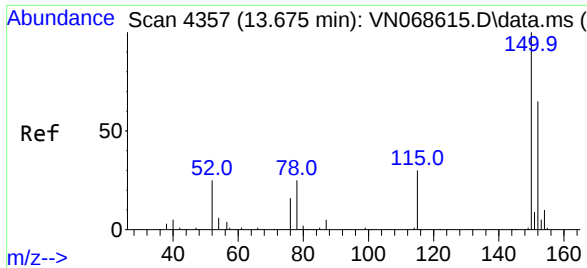


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN068665.D  
Acq: 25 Sep 2021 14:13



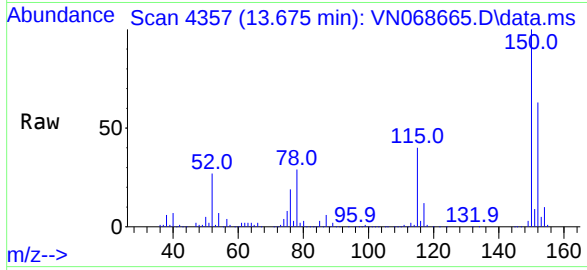
Tgt Ion: 117 Resp: 1077970  
Ion Ratio Lower Upper  
117 100  
82 58.0 53.1 79.7  
119 32.5 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.675 min Scan# 4357  
 Delta R.T. -0.000 min  
 Lab File: VN068665.D  
 Acq: 25 Sep 2021 14:13

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB139230ZHE#01



Tgt Ion:152 Resp: 383335  
 Ion Ratio Lower Upper  
 152 100  
 115 62.2 36.1 108.5  
 150 157.4 0.0 351.8

Manual Integrations  
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