

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021821\  
 Data File : VN065942.D  
 Acq On : 18 Feb 2021 15:49  
 Operator : JC/MD  
 Sample : M1431-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 19 00:17:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 15:48:13 2021  
 Response via : Initial Calibration

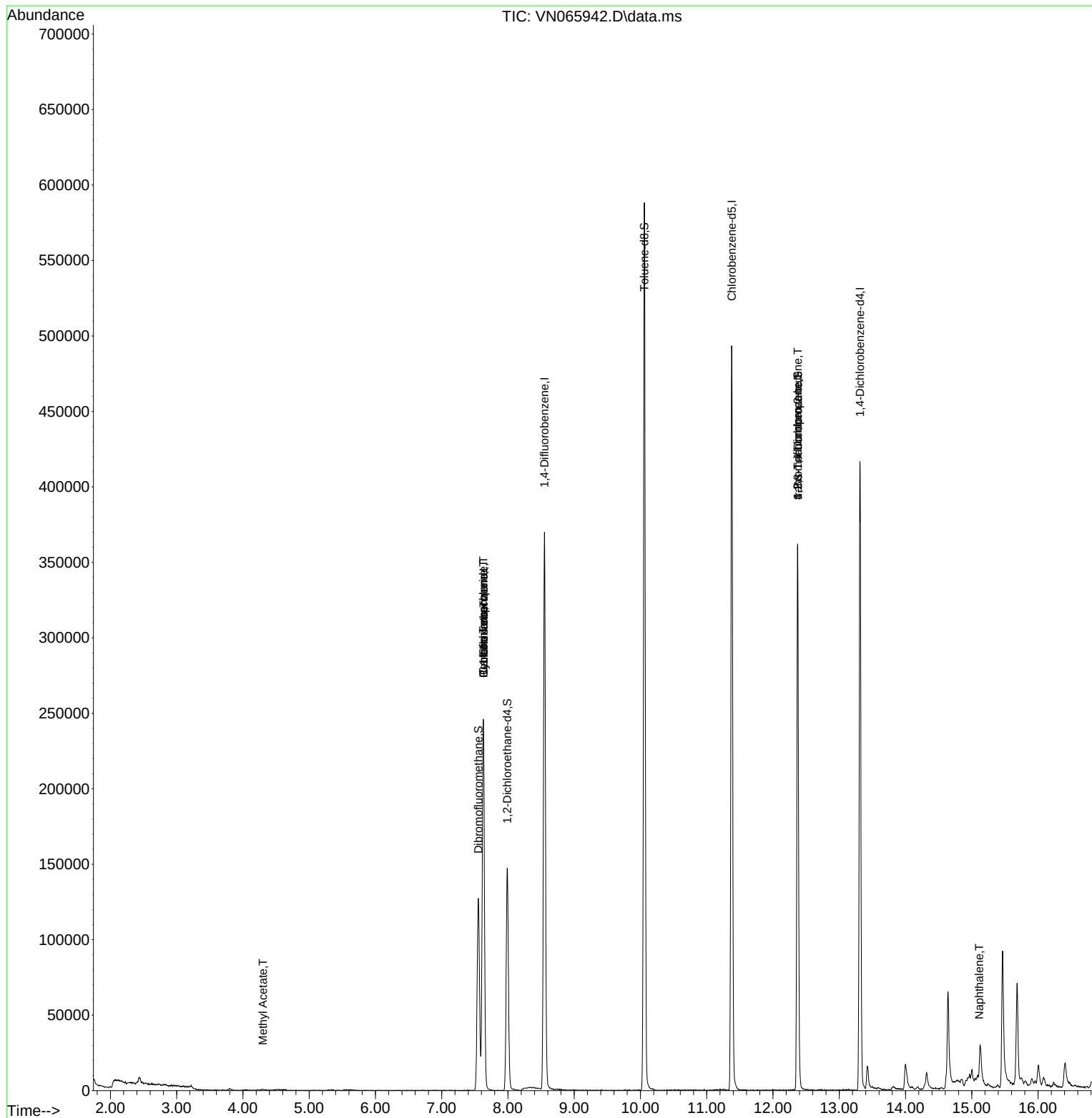
| Compound                      | R.T.           | QIon | Response   | Conc       | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|------------|-------|----------|
| -----                         |                |      |            |            |       |          |
| Internal Standards            |                |      |            |            |       |          |
| 1) Pentafluorobenzene         | 7.631          | 168  | 199714     | 50.00      | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.550          | 114  | 342339     | 50.00      | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 11.376         | 117  | 308433     | 50.00      | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.312         | 152  | 120709     | 50.00      | ug/l  | 0.00     |
|                               |                |      |            |            |       |          |
| System Monitoring Compounds   |                |      |            |            |       |          |
| 33) 1,2-Dichloroethane-d4     | 7.991          | 65   | 130802     | 46.84      | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 93.68%     |       |          |
| 35) Dibromofluoromethane      | 7.553          | 113  | 101295     | 47.81      | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 95.62%     |       |          |
| 50) Toluene-d8                | 10.058         | 98   | 421883     | 48.51      | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 97.02%     |       |          |
| 62) 4-Bromofluorobenzene      | 12.373         | 95   | 141205     | 43.25      | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 86.50%     |       |          |
|                               |                |      |            |            |       |          |
| Target Compounds              |                |      |            |            |       |          |
| 16) Acetone                   | 3.801          | 43   | 1048       | Below Cal  | #     | 80       |
| 18) Methyl Acetate            | 4.303          | 43   | 1447       | 0.63 ug/l  | #     | 51       |
| 31) Cyclohexane               | 7.631          | 56   | 3525       | 0.85 ug/l  | #     | 1        |
| 36) 1,1-Dichloropropene       | 7.627          | 75   | 15893      | 4.71 ug/l  | #     | 48       |
| 38) Carbon Tetrachloride      | 7.627          | 117  | 20314      | 6.48 ug/l  | #     | 16       |
| 76) 1,2,3-Trichloropropane    | 12.373         | 75   | 69069      | 23.82 ug/l | #     | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.373         | 75   | 69069      | 75.91 ug/l | #     | 12       |
| 95) Naphthalene               | 15.113         | 128  | 240        | 3.09 ug/l  | #     | 69       |
| -----                         |                |      |            |            |       |          |

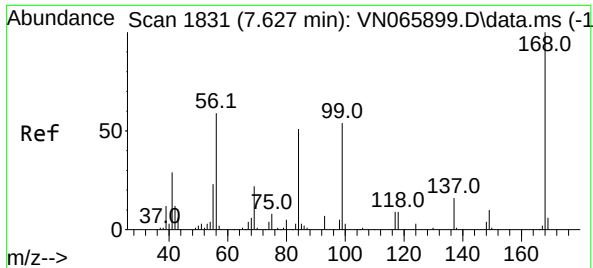
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 18 Feb 2021 15:49  
Operator : JC/MD  
Sample : M1431-02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Feb 19 00:17:04 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 17 15:48:13 2021  
Response via : Initial Calibration

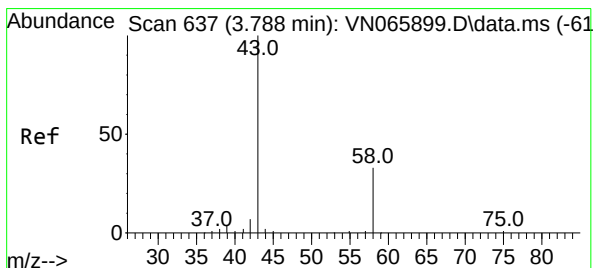
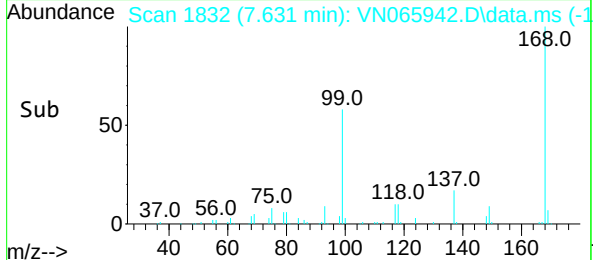
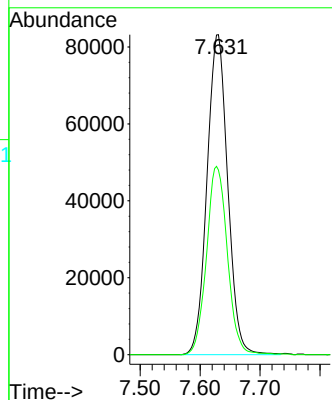
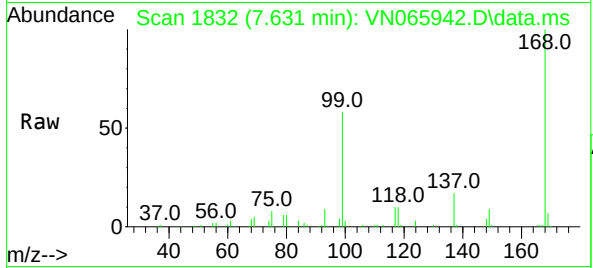




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.631 min Scan# 1832  
Delta R.T. 0.004 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

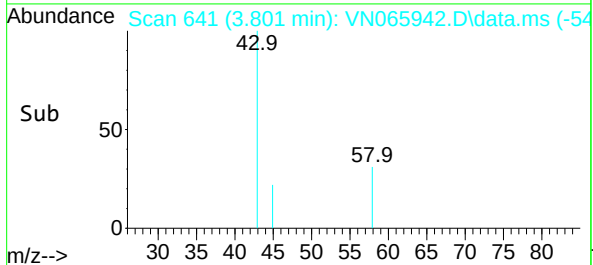
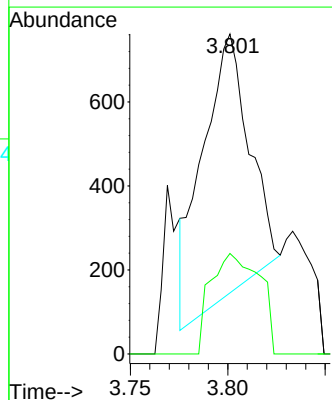
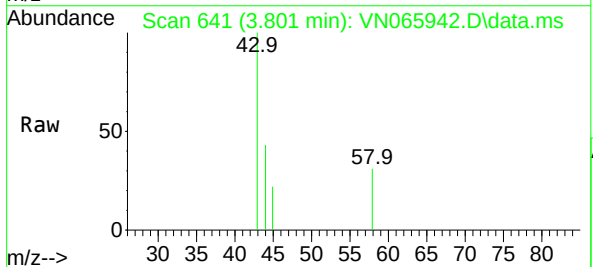
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MSVOA\_N  
ClientSampleId :

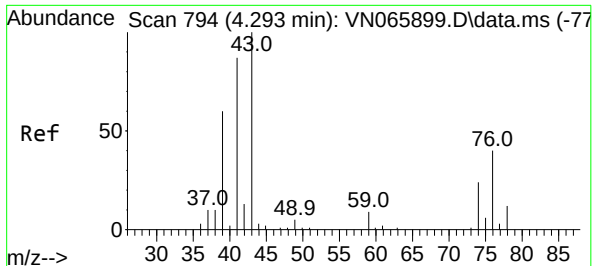
Tgt Ion:168 Resp: 199714  
Ion Ratio Lower Upper  
168 100  
99 57.7 42.6 63.8



#16  
Acetone  
Concen: Below Cal  
RT: 3.801 min Scan# 641  
Delta R.T. 0.013 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

Tgt Ion: 43 Resp: 1048  
Ion Ratio Lower Upper  
43 100  
58 45.4 27.0 40.6#

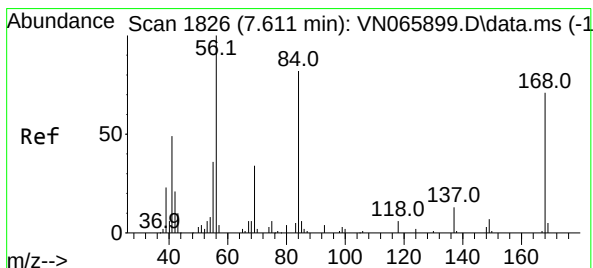
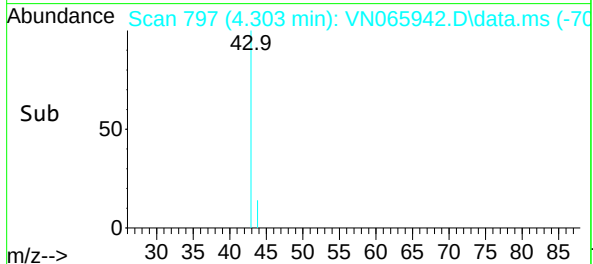
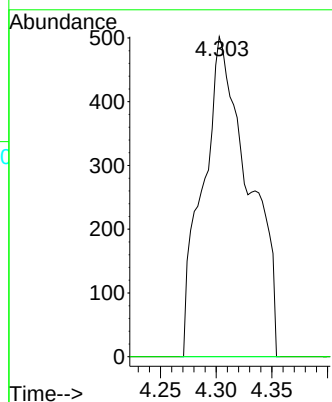
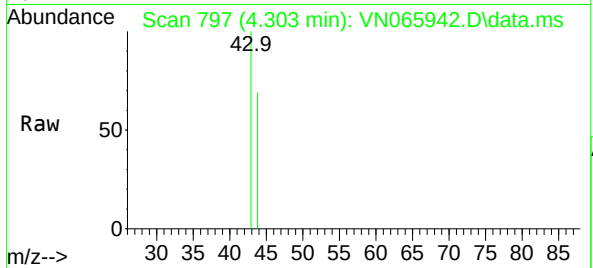




#18  
Methyl Acetate  
Concen: 0.63 ug/l  
RT: 4.303 min Scan# 797  
Delta R.T. 0.010 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

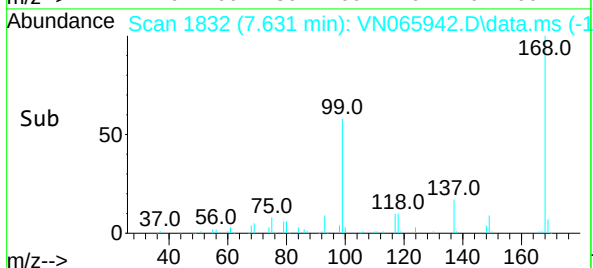
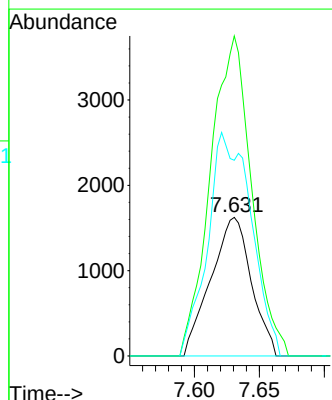
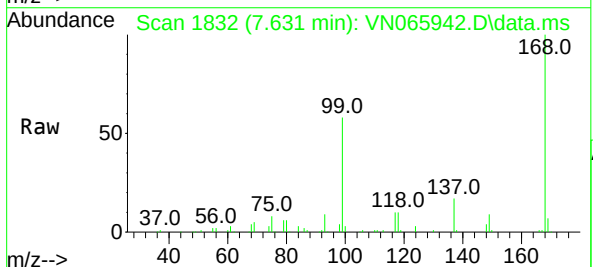
Instrument :  
MSVOA\_N  
ClientSampled :

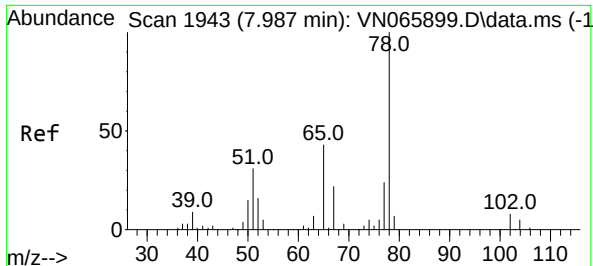
Tgt Ion: 43 Resp: 1447  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.5 29.3#



#31  
Cyclohexane  
Concen: 0.85 ug/l  
RT: 7.631 min Scan# 1832  
Delta R.T. 0.020 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

Tgt Ion: 56 Resp: 3525  
Ion Ratio Lower Upper  
56 100  
69 231.0 26.6 39.8#  
84 141.3 70.4 105.6#

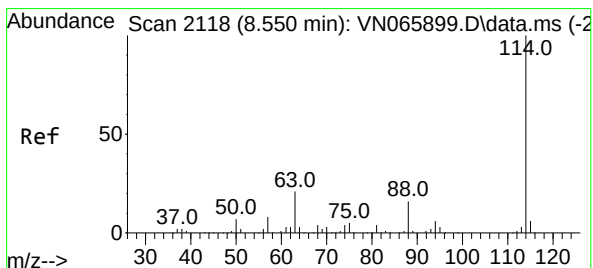
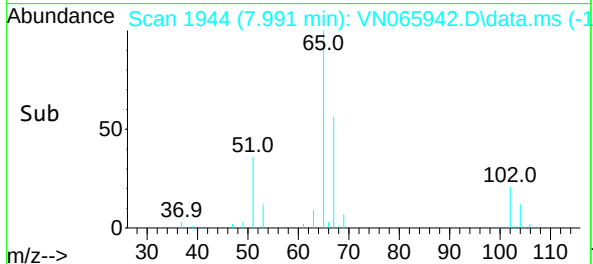
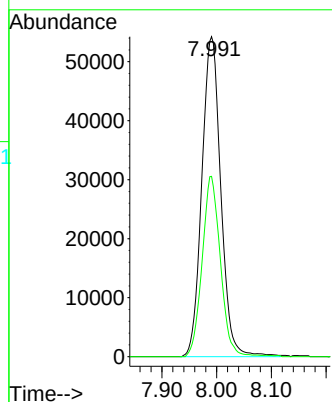
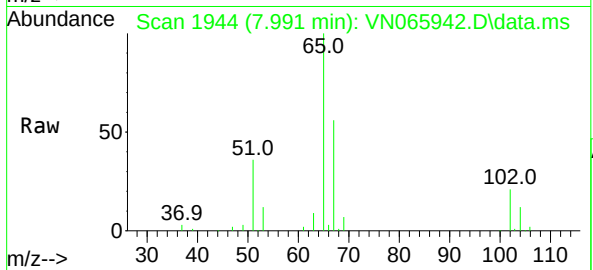




#33  
1,2-Dichloroethane-d4  
Concen: 46.84 ug/l  
RT: 7.991 min Scan# 1944  
Delta R.T. 0.004 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

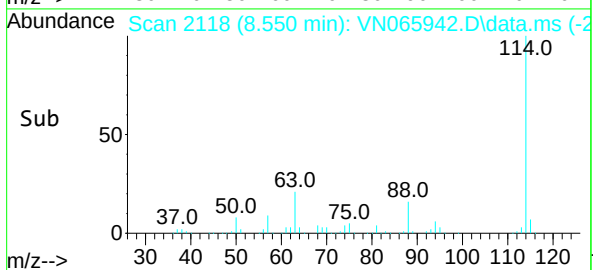
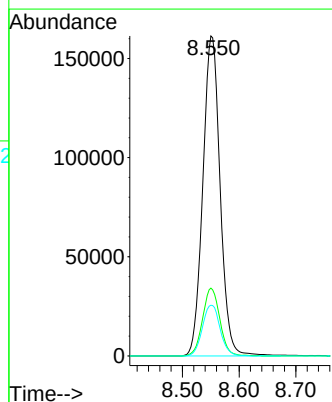
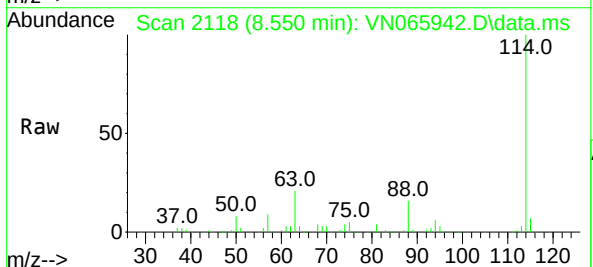
Instrument :  
MSVOA\_N  
ClientSampled :

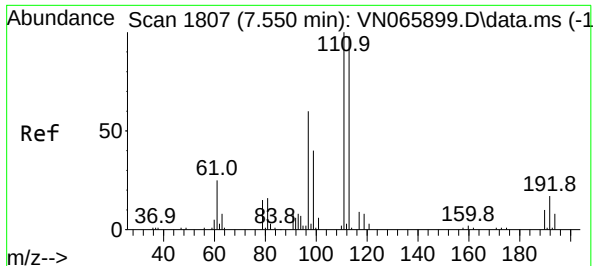
Tgt Ion: 65 Resp: 130802  
Ion Ratio Lower Upper  
65 100  
67 54.0 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

Tgt Ion: 114 Resp: 342339  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 38.6  
88 15.8 0.0 30.6

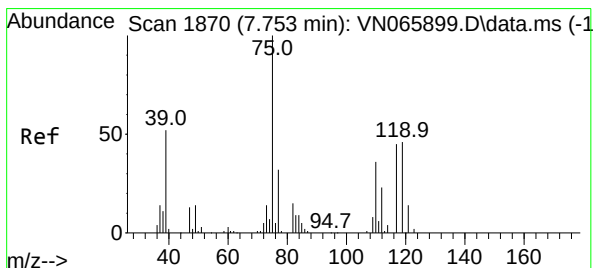
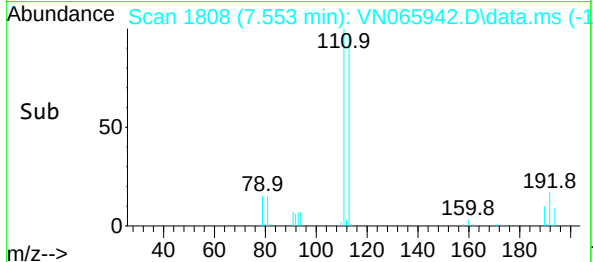
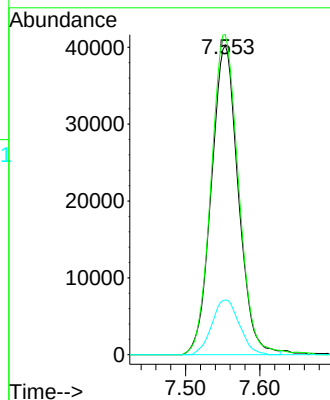
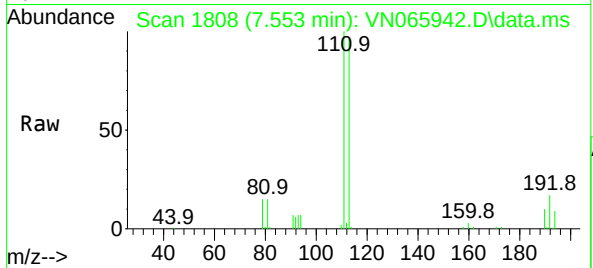




#35  
Dibromofluoromethane  
Concen: 47.81 ug/l  
RT: 7.553 min Scan# 1808  
Delta R.T. 0.003 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

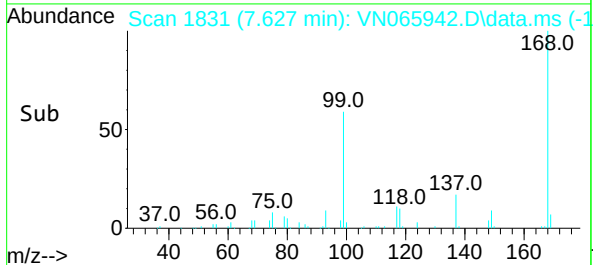
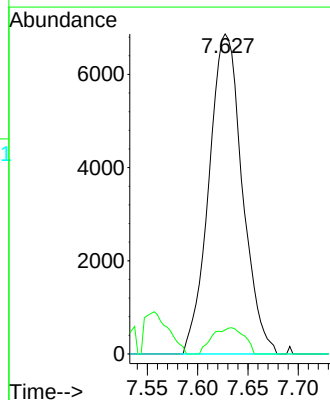
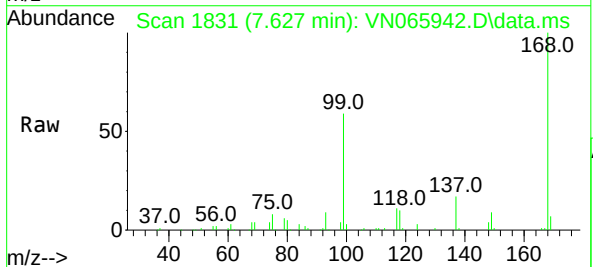
Instrument :  
MSVOA\_N  
ClientSampled :

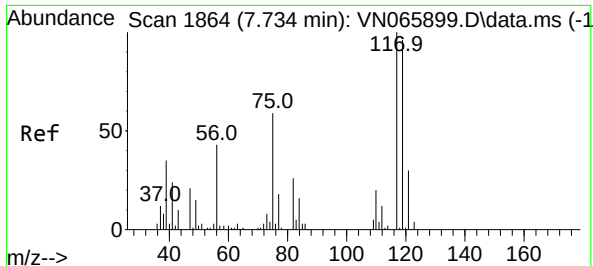
Tgt Ion:113 Resp: 101295  
Ion Ratio Lower Upper  
113 100  
111 105.4 82.2 123.2  
192 18.1 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 4.71 ug/l  
RT: 7.627 min Scan# 1831  
Delta R.T. -0.126 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

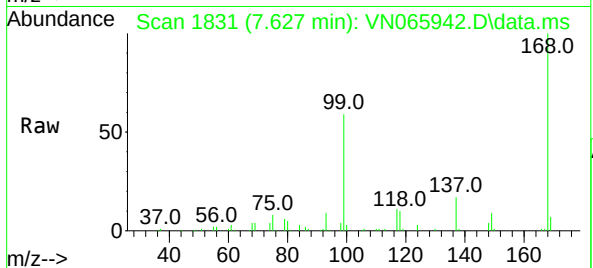
Tgt Ion: 75 Resp: 15893  
Ion Ratio Lower Upper  
75 100  
110 7.8 18.2 54.6#  
77 0.0 24.9 37.3#



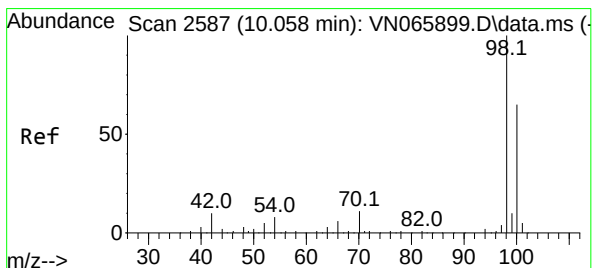
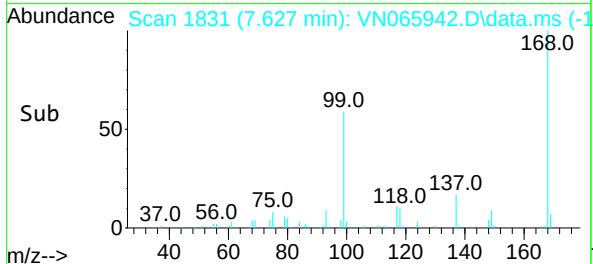
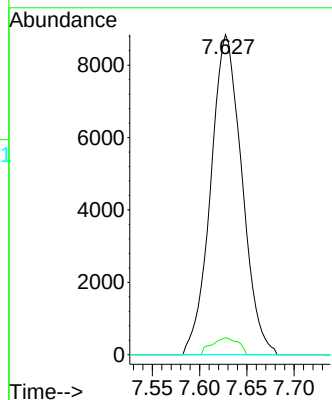


#38  
Carbon Tetrachloride  
Concen: 6.48 ug/l  
RT: 7.627 min Scan# 1831  
Delta R.T. -0.107 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

Instrument :  
MSVOA\_N  
ClientSampled :

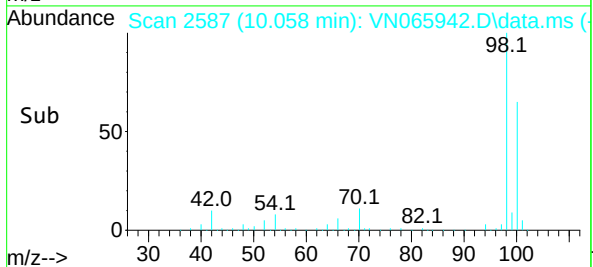
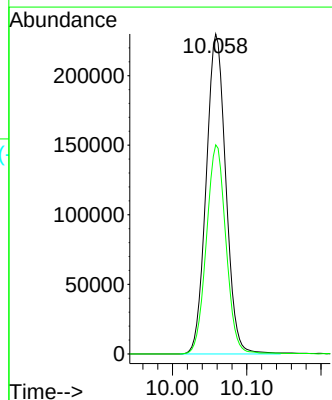
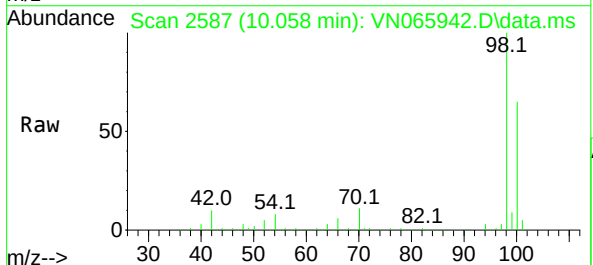


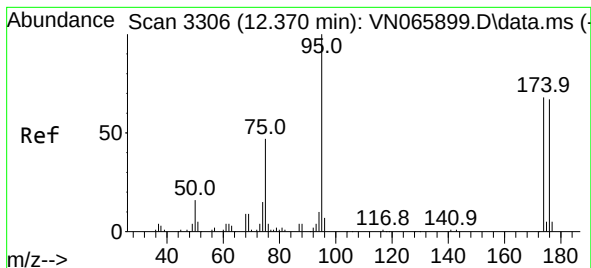
Tgt Ion:117 Resp: 20314  
Ion Ratio Lower Upper  
117 100  
119 5.3 76.0 114.0#  
121 0.0 24.5 36.7#



#50  
Toluene-d8  
Concen: 48.51 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

Tgt Ion: 98 Resp: 421883  
Ion Ratio Lower Upper  
98 100  
100 64.9 50.5 75.7

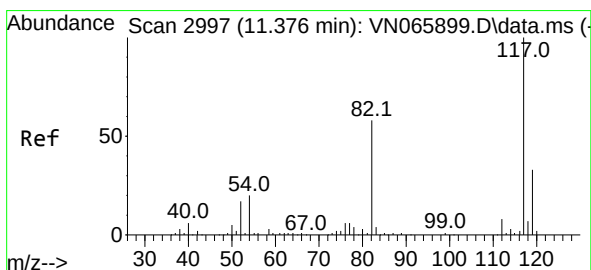
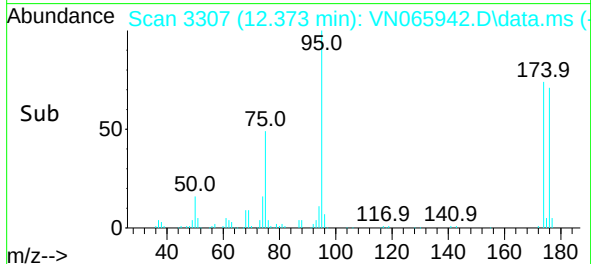
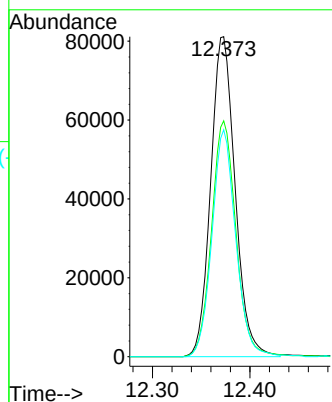
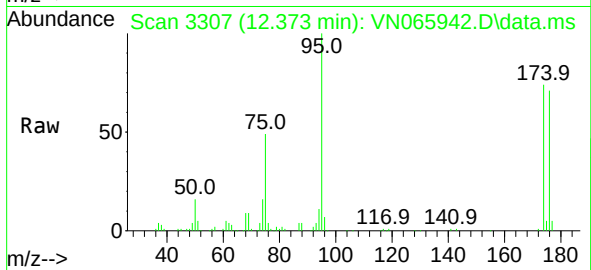




#62  
4-Bromofluorobenzene  
Concen: 43.25 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.003 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

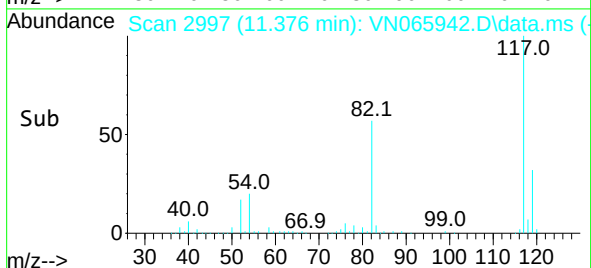
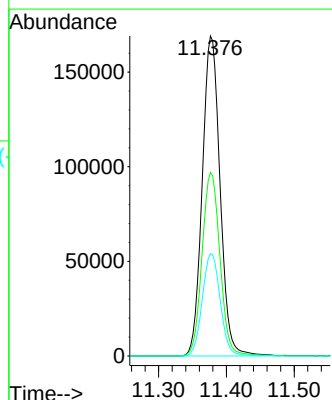
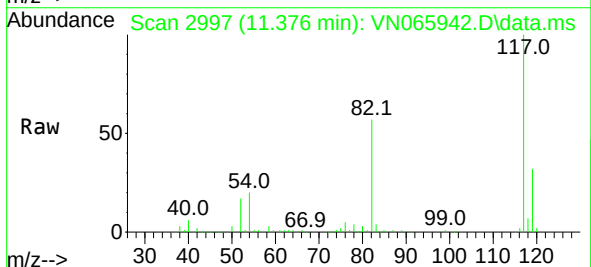
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 95 Resp: 141205  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 169.0  
176 69.3 0.0 162.4

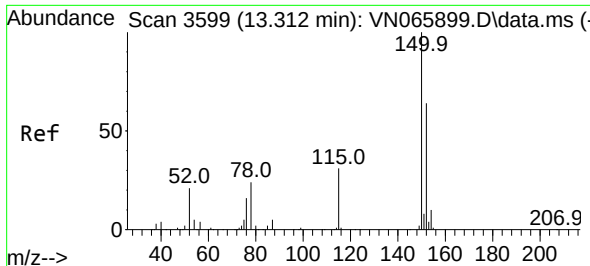


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

Tgt Ion: 117 Resp: 308433  
Ion Ratio Lower Upper  
117 100  
82 57.4 43.7 65.5  
119 32.0 26.1 39.1



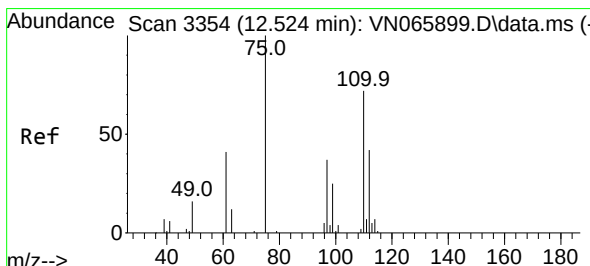
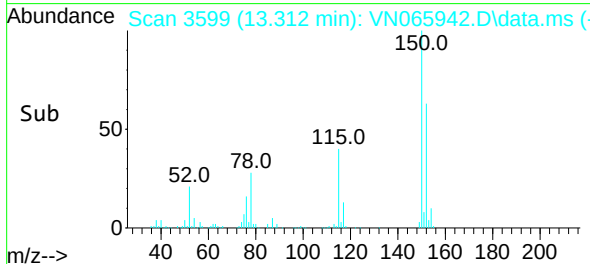
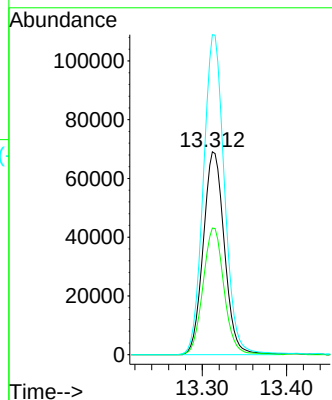
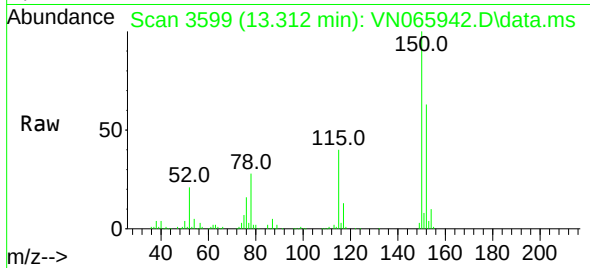




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.312 min Scan# 3599  
 Delta R.T. 0.000 min  
 Lab File: VN065942.D  
 Acq: 18 Feb 2021 15:49

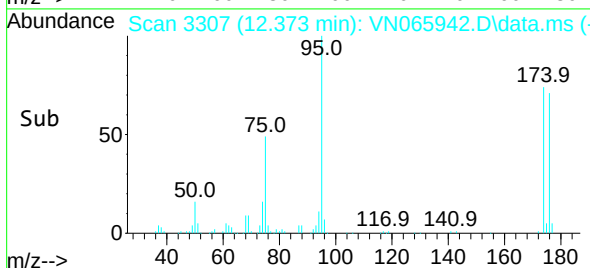
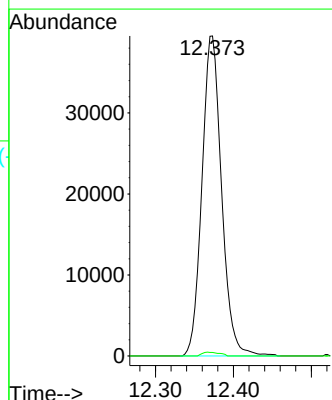
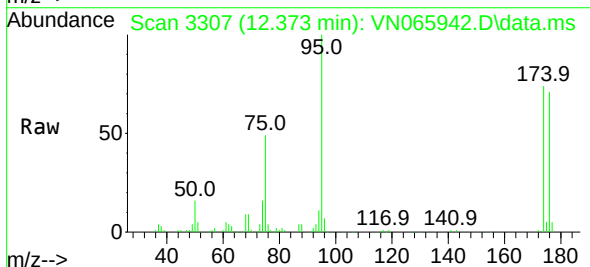
Instrument :  
 MSVOA\_N  
 ClientSampled :

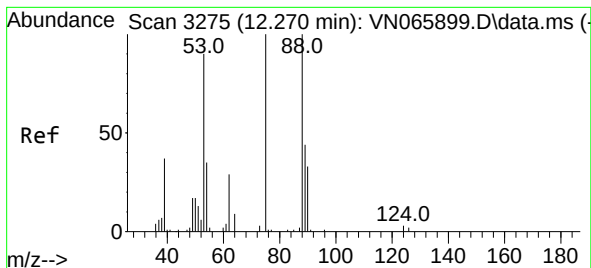
Tgt Ion:152 Resp: 120709  
 Ion Ratio Lower Upper  
 152 100  
 115 62.1 28.5 85.6  
 150 157.5 0.0 347.6



#76  
 1,2,3-Trichloropropane  
 Concen: 23.82 ug/l  
 RT: 12.373 min Scan# 3307  
 Delta R.T. -0.151 min  
 Lab File: VN065942.D  
 Acq: 18 Feb 2021 15:49

Tgt Ion: 75 Resp: 69069  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 0.0 0.0#

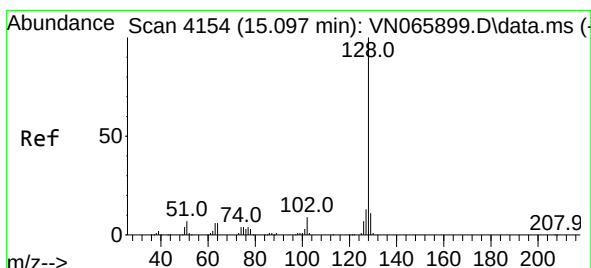
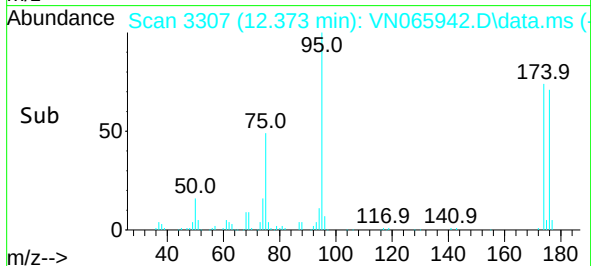
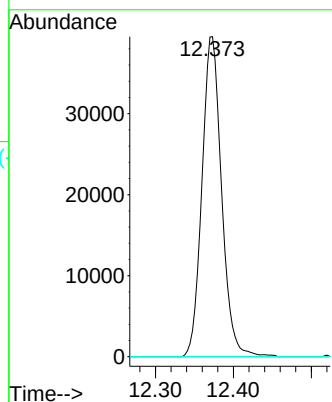
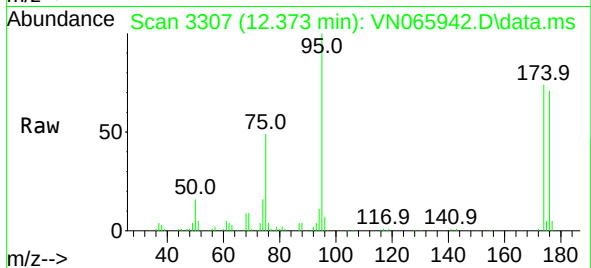




#81  
trans-1,4-Dichloro-2-butene  
Concen: 75.91 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.103 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 75 Resp: 69069  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.6 111.8#  
89 0.0 35.8 53.8#



#95  
Naphthalene  
Concen: 3.09 ug/l  
RT: 15.113 min Scan# 4159  
Delta R.T. 0.016 min  
Lab File: VN065942.D  
Acq: 18 Feb 2021 15:49

Tgt Ion: 128 Resp: 240  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.2 15.2#  
129 0.0 8.6 13.0#

