

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012921\  
 Data File : VN065679.D  
 Acq On : 29 Jan 2021 16:04  
 Operator : JC/MD  
 Sample : M1288-05  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 152140-MW-2S(ONSITE)

Quant Time: Jan 30 01:03:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 25 13:47:28 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.624  | 168  | 200881   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.547  | 114  | 347749   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.376 | 117  | 303620   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.315 | 152  | 109911   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 7.987  | 65    | 124784   | 47.22    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 94.44%  |
| 35) Dibromofluoromethane    | 7.547  | 113   | 100333   | 48.69    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 97.38%  |
| 50) Toluene-d8              | 10.058 | 98    | 429605   | 53.04    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 106.08% |
| 62) 4-Bromofluorobenzene    | 12.373 | 95    | 142287   | 48.78    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 97.56%  |

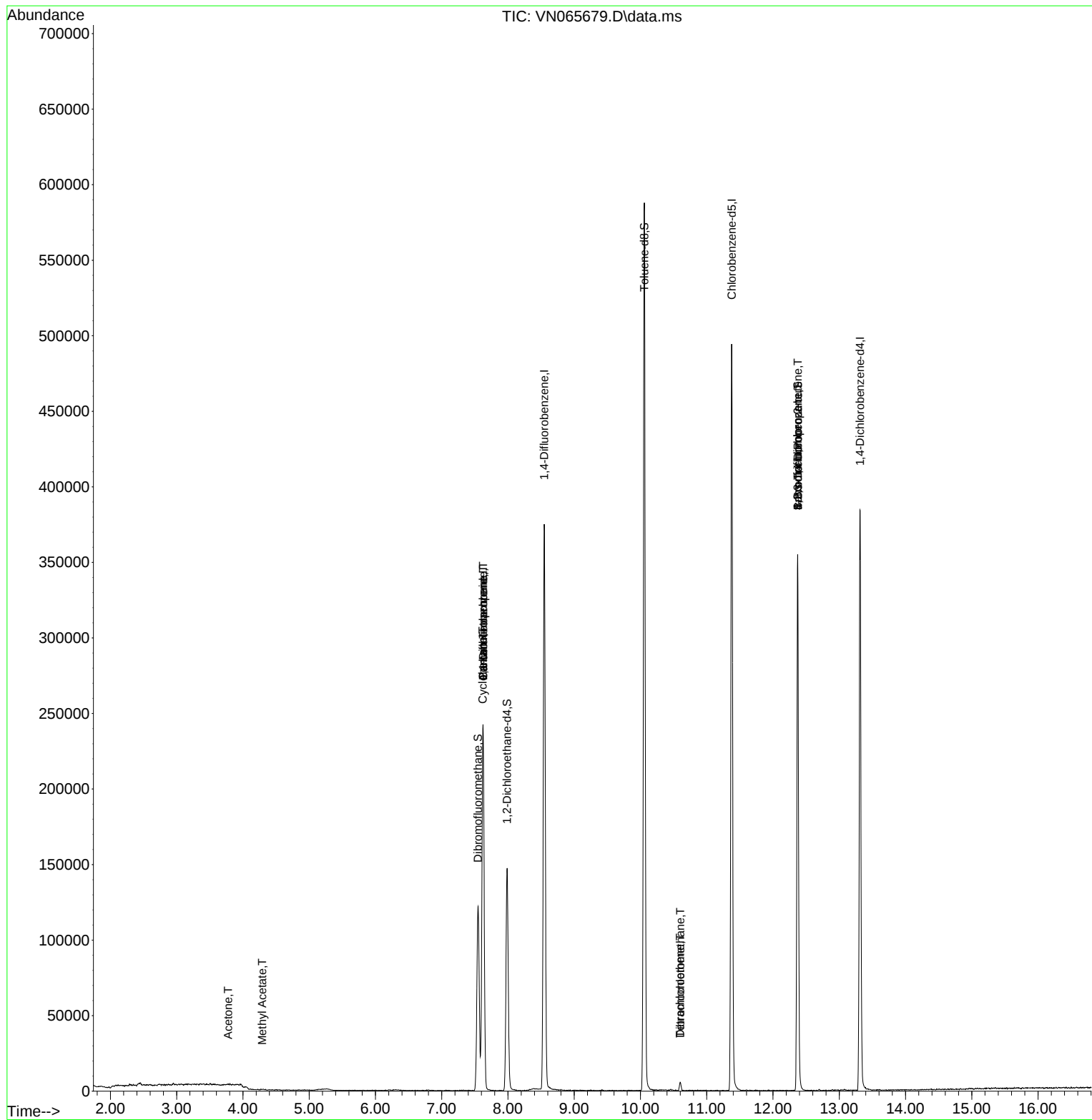
| Target Compounds              |        |     |       |       |        | Qvalue |
|-------------------------------|--------|-----|-------|-------|--------|--------|
| 16) Acetone                   | 3.775  | 43  | 607   | 0.59  | ug/l # | 85     |
| 18) Methyl Acetate            | 4.290  | 43  | 778   | 0.27  | ug/l # | 51     |
| 31) Cyclohexane               | 7.618  | 56  | 3763  | 0.76  | ug/l # | 1      |
| 36) 1,1-Dichloropropene       | 7.624  | 75  | 16164 | 4.62  | ug/l # | 47     |
| 38) Carbon Tetrachloride      | 7.624  | 117 | 18934 | 6.57  | ug/l # | 16     |
| 60) Dibromochloromethane      | 10.601 | 129 | 1475  | 0.60  | ug/l # | 11     |
| 64) Tetrachloroethene         | 10.598 | 164 | 1452  | 0.57  | ug/l   | 98     |
| 71) Bromoform                 | 12.373 | 173 | 612   | 0.39  | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane    | 12.373 | 75  | 66005 | 22.97 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75  | 66005 | 58.82 | ug/l # | 12     |

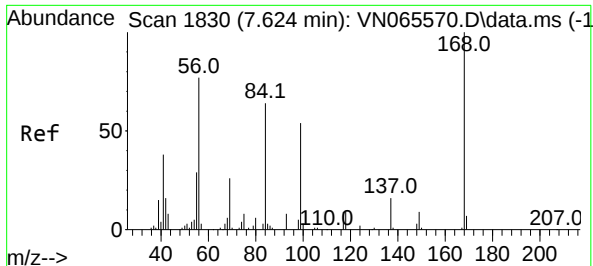
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Jan 25 13:47:28 2021  
Response via : Initial Calibration

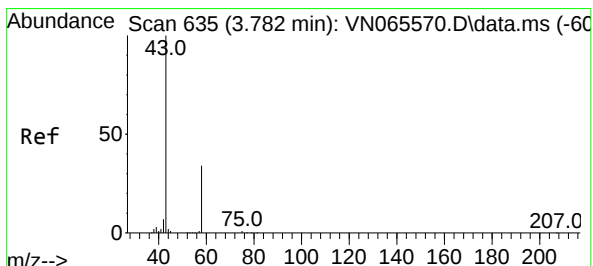
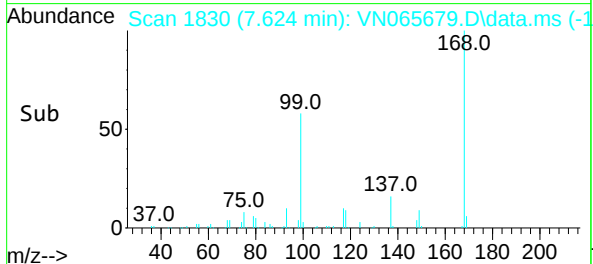
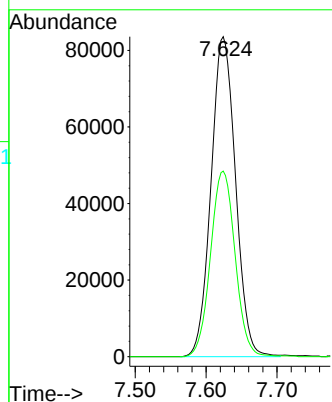
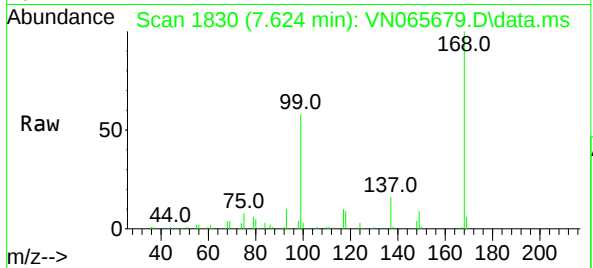




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

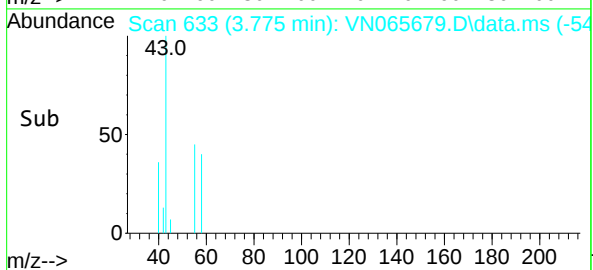
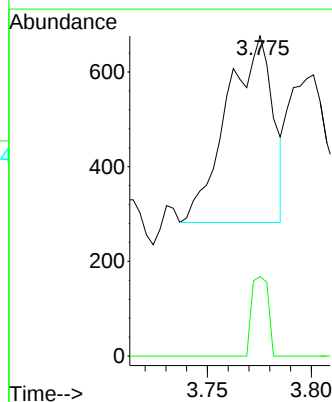
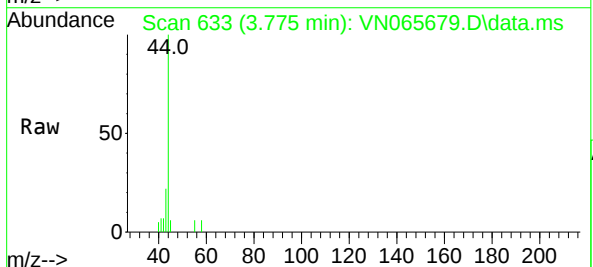
Instrument :  
MSVOA\_N  
ClientSampleId :  
152140-MW-2S(ONSITE)

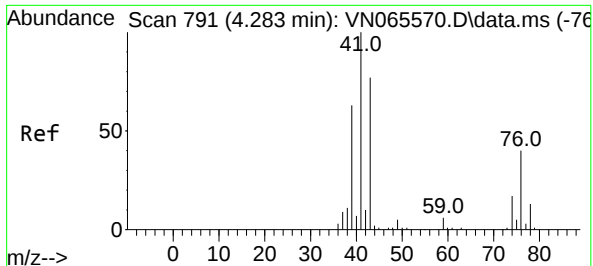
Tgt Ion:168 Resp: 200881  
Ion Ratio Lower Upper  
168 100  
99 58.0 42.6 63.8



#16  
Acetone  
Concen: 0.59 ug/l  
RT: 3.775 min Scan# 633  
Delta R.T. -0.007 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

Tgt Ion: 43 Resp: 607  
Ion Ratio Lower Upper  
43 100  
58 42.6 27.0 40.6#





#18

Methyl Acetate

Concen: 0.27 ug/l

RT: 4.290 min Scan# 793

Delta R.T. 0.007 min

Lab File: VN065679.D

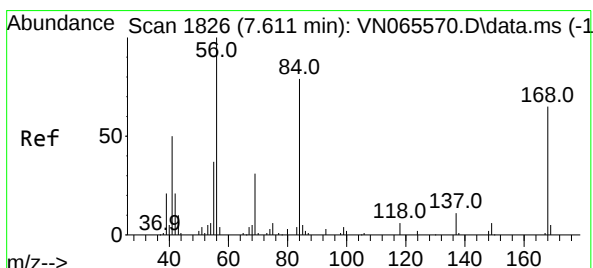
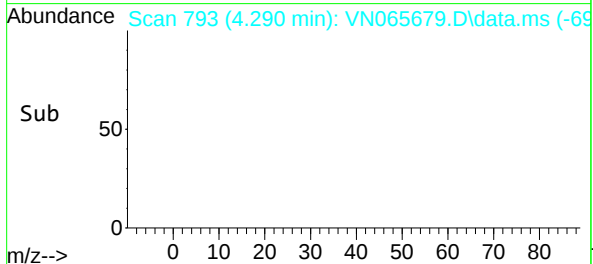
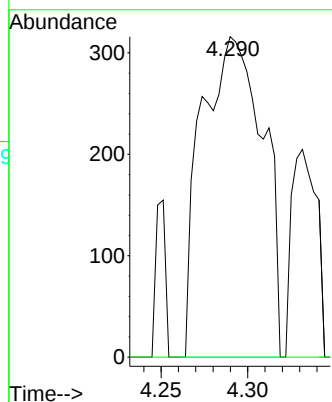
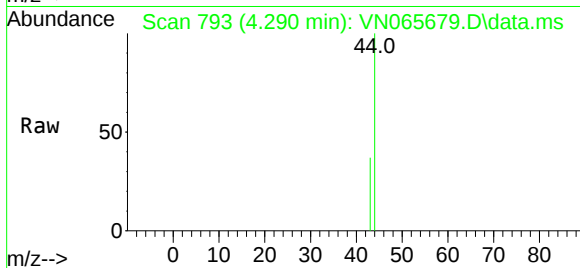
Acq: 29 Jan 2021 16:04

Tgt Ion: 43 Resp: 778

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#31

Cyclohexane

Concen: 0.76 ug/l

RT: 7.618 min Scan# 1828

Delta R.T. 0.007 min

Lab File: VN065679.D

Acq: 29 Jan 2021 16:04

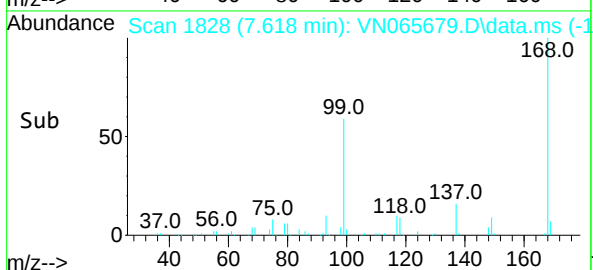
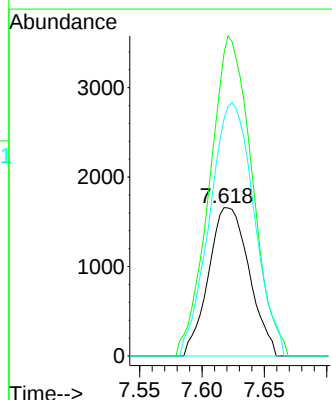
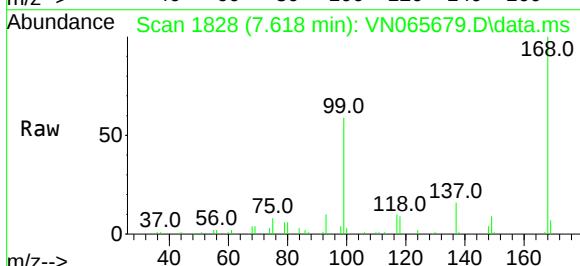
Tgt Ion: 56 Resp: 3763

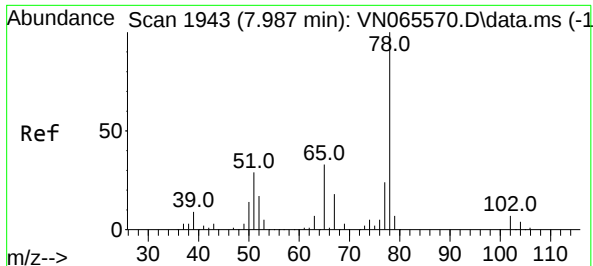
Ion Ratio Lower Upper

56 100

69 193.4 26.6 39.8#

84 159.9 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 47.22 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065679.D

Acq: 29 Jan 2021 16:04

Tgt Ion: 65 Resp: 124784

Ion Ratio Lower Upper

65 100

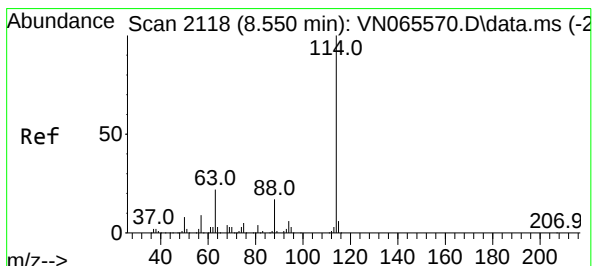
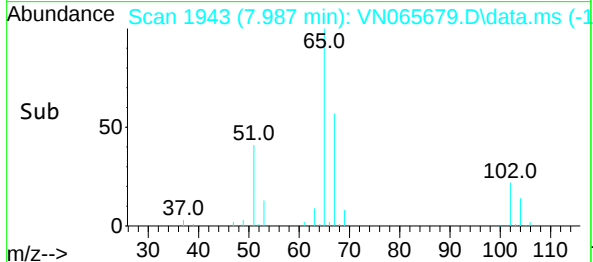
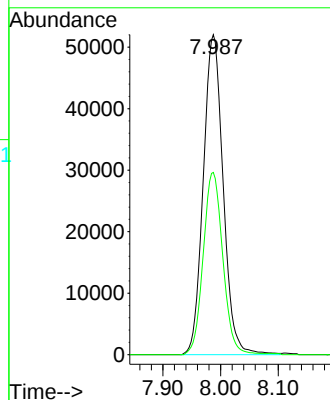
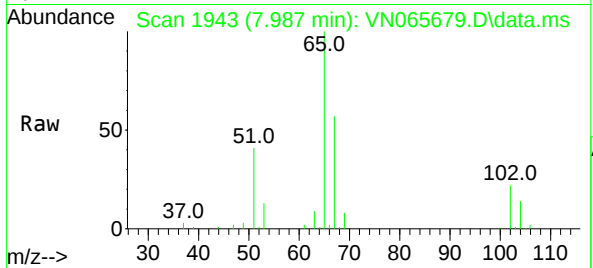
67 56.1 0.0 107.2

Instrument :

MSVOA\_N

ClientSampleId :

152140-MW-2S(ONSITE)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. -0.003 min

Lab File: VN065679.D

Acq: 29 Jan 2021 16:04

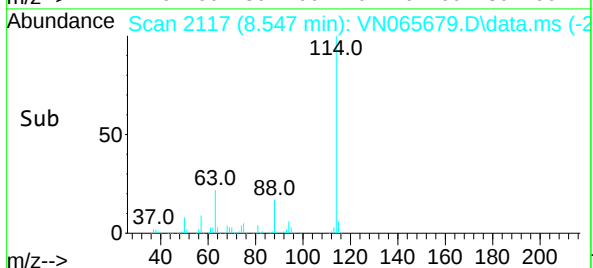
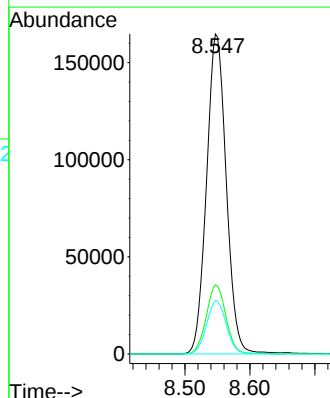
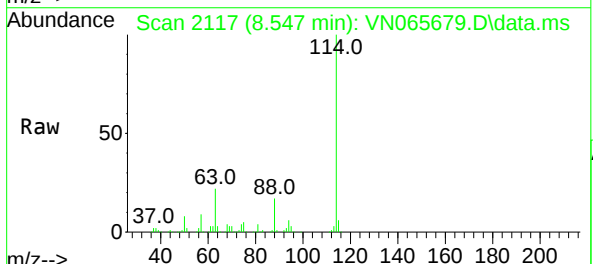
Tgt Ion: 114 Resp: 347749

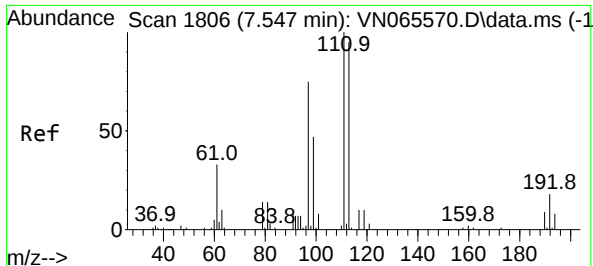
Ion Ratio Lower Upper

114 100

63 21.6 0.0 38.6

88 16.6 0.0 30.6

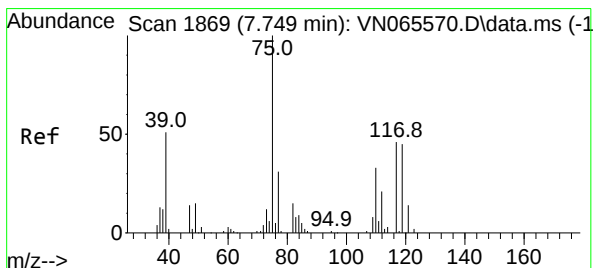
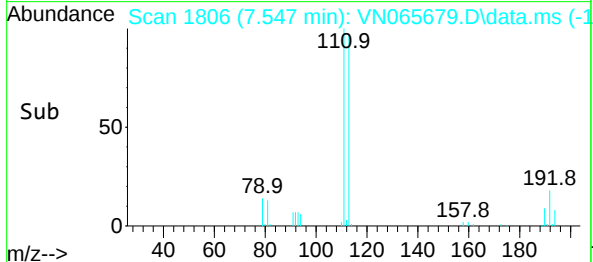
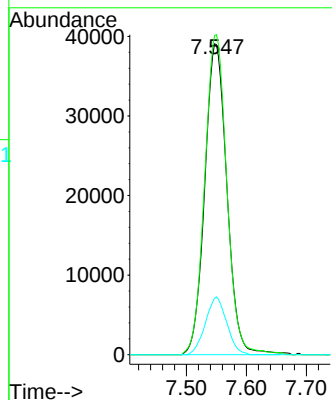
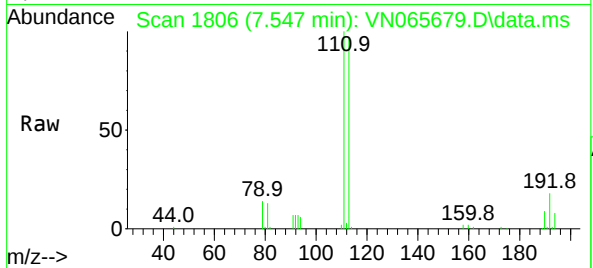




#35  
Dibromofluoromethane  
Concen: 48.69 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

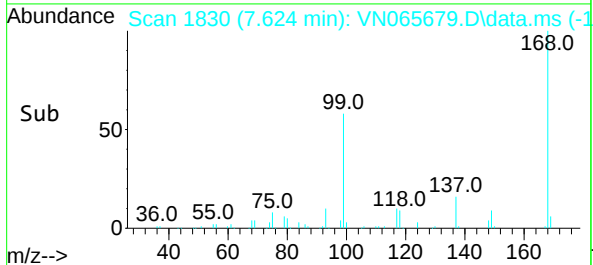
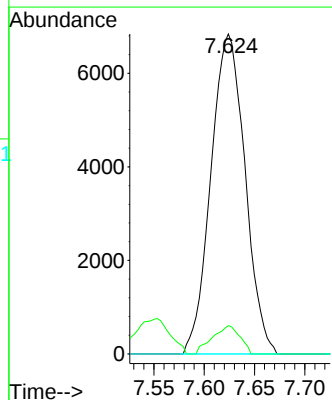
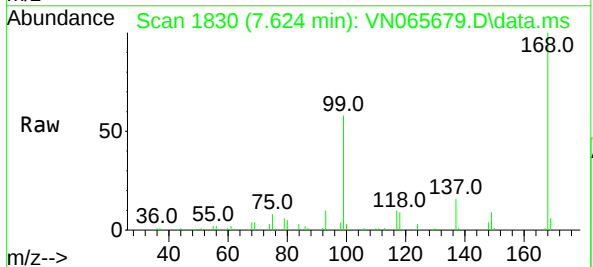
Instrument :  
MSVOA\_N  
ClientSampleId :  
152140-MW-2S(ONSITE)

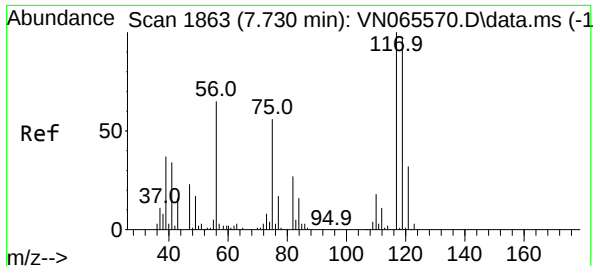
Tgt Ion:113 Resp: 100333  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.2 123.2  
192 17.9 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 4.62 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. -0.125 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

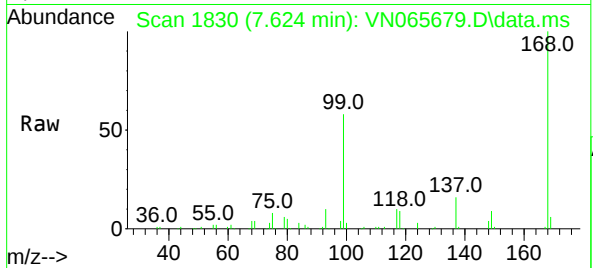
Tgt Ion: 75 Resp: 16164  
Ion Ratio Lower Upper  
75 100  
110 7.1 18.2 54.6#  
77 0.0 24.9 37.3#



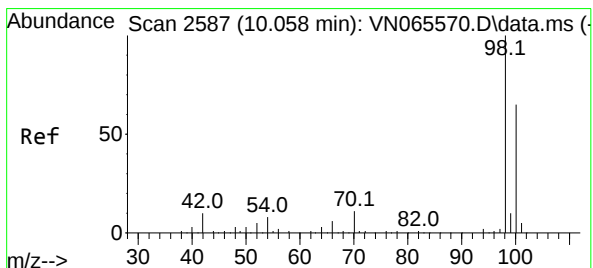
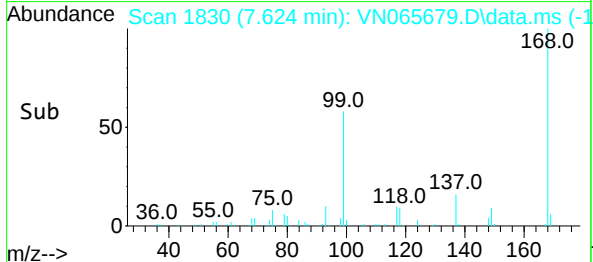
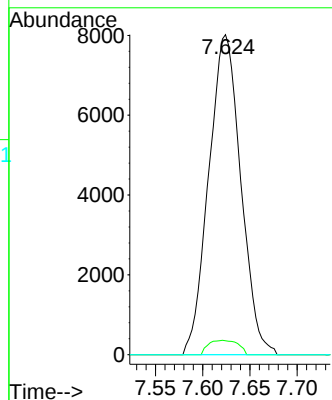


#38  
Carbon Tetrachloride  
Concen: 6.57 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. -0.106 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
152140-MW-2S(ONSITE)

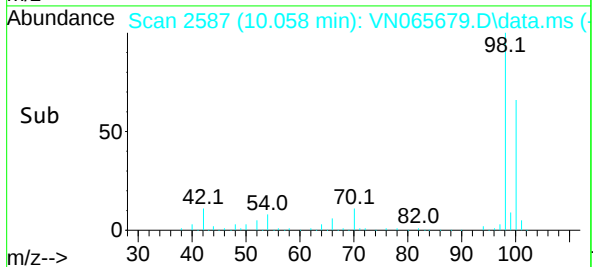
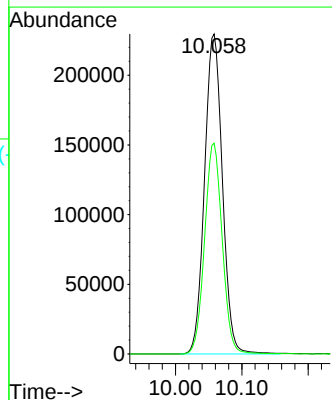
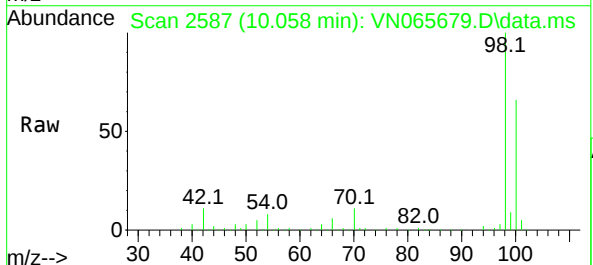


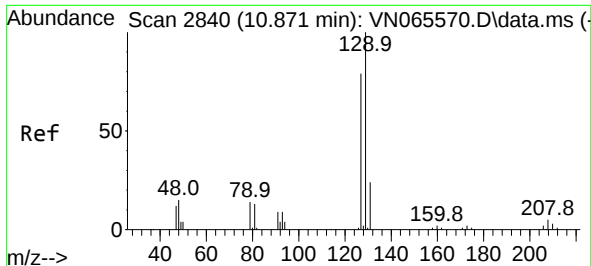
Tgt Ion:117 Resp: 18934  
Ion Ratio Lower Upper  
117 100  
119 4.3 76.0 114.0#  
121 0.0 24.5 36.7#



#50  
Toluene-d8  
Concen: 53.04 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

Tgt Ion: 98 Resp: 429605  
Ion Ratio Lower Upper  
98 100  
100 64.9 50.5 75.7

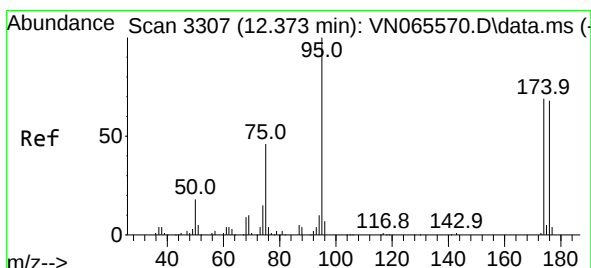
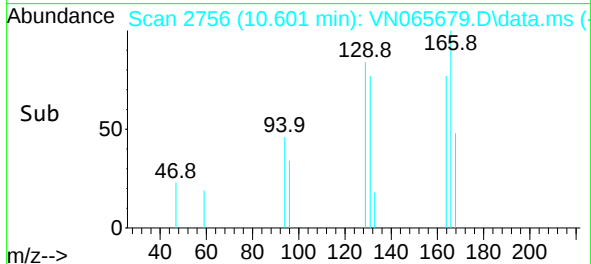
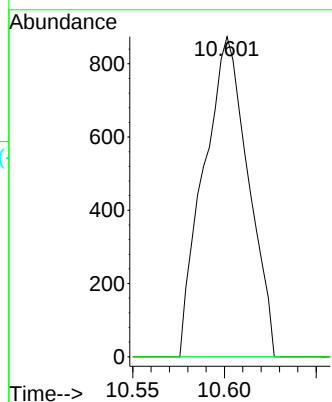
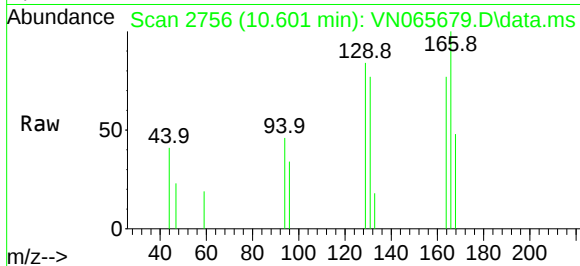




#60  
Dibromochloromethane  
Concen: 0.60 ug/l  
RT: 10.601 min Scan# 2756  
Delta R.T. -0.270 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

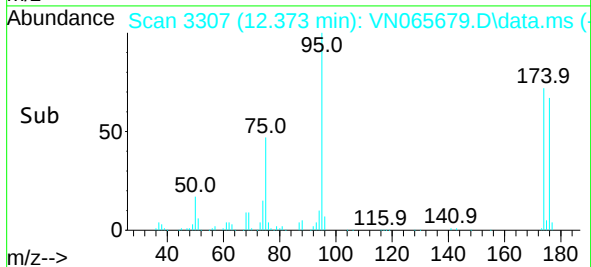
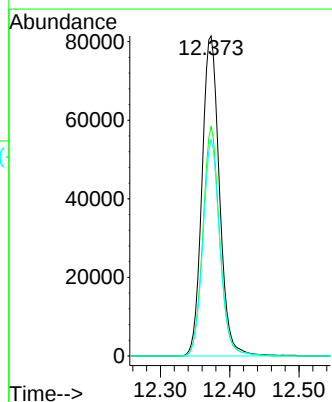
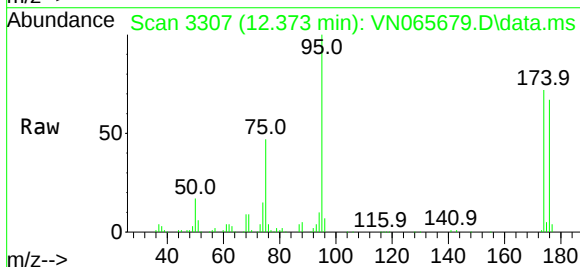
Instrument :  
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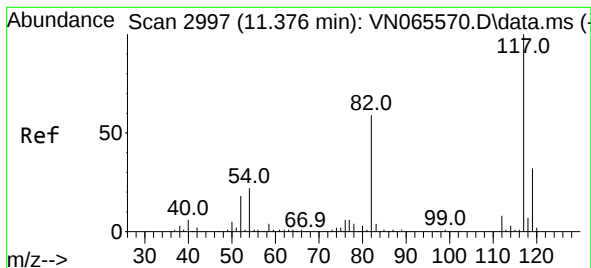
Tgt Ion:129 Resp: 1475  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.5 115.5#



#62  
4-Bromofluorobenzene  
Concen: 48.78 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.000 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

Tgt Ion: 95 Resp: 142287  
Ion Ratio Lower Upper  
95 100  
174 69.1 0.0 169.0  
176 65.9 0.0 162.4

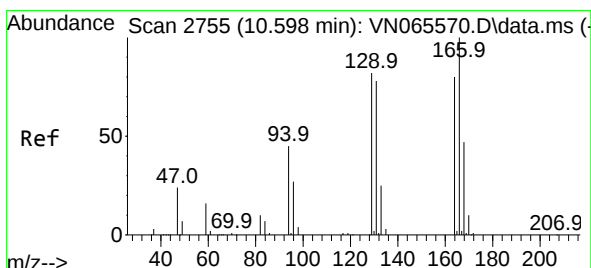
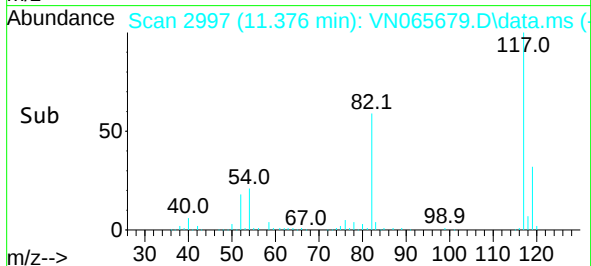
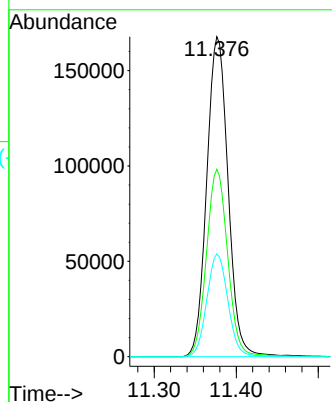
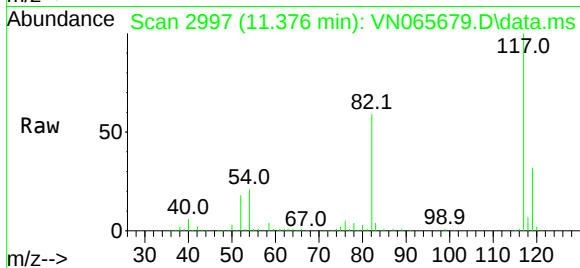




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

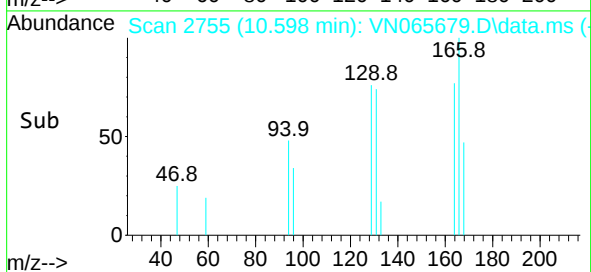
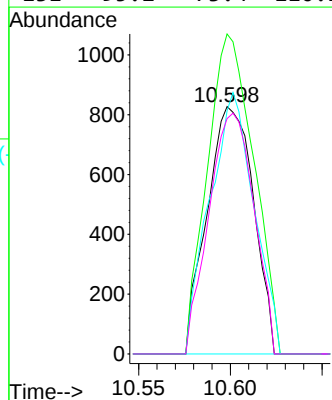
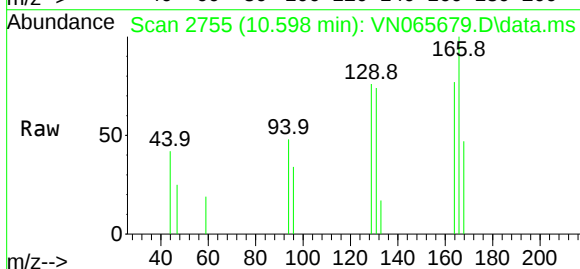
Instrument :  
MSVOA\_N  
ClientSampleId :  
152140-MW-2S(ONSITE)

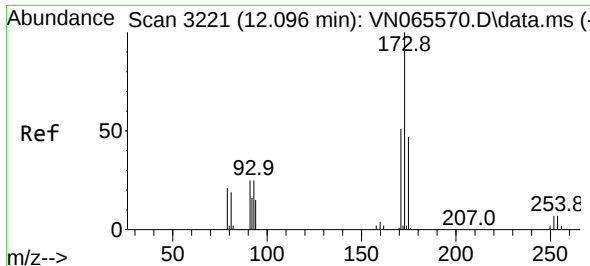
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 303620 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.6  | 43.7  | 65.5   |
| 119      | 32.1  | 26.1  | 39.1   |



#64  
Tetrachloroethene  
Concen: 0.57 ug/l  
RT: 10.598 min Scan# 2755  
Delta R.T. 0.000 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

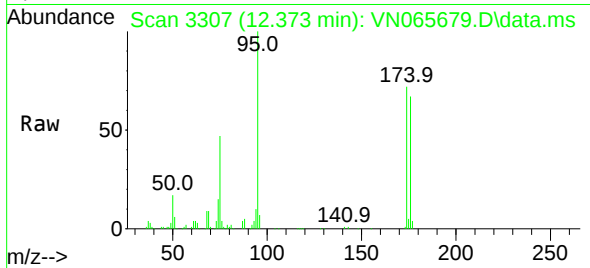
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 1452  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 129.4 | 102.6 | 154.0 |
| 129      | 98.3  | 76.2  | 114.4 |
| 131      | 95.2  | 73.4  | 110.2 |



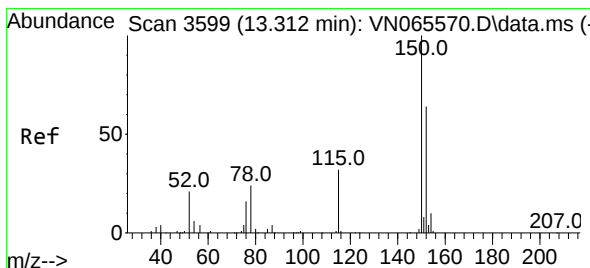
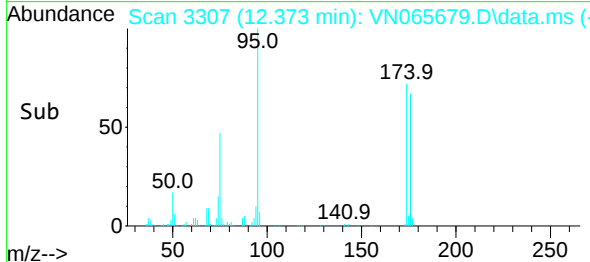
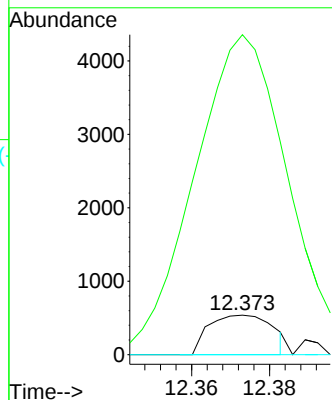


#71  
Bromoform  
Concen: 0.39 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.277 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
152140-MW-2S(ONSITE)

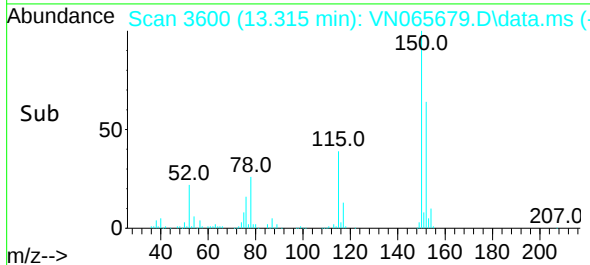
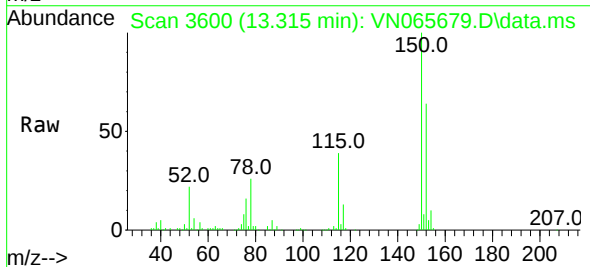
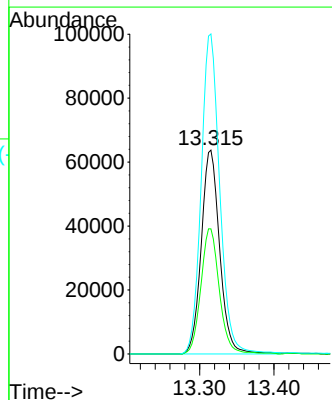


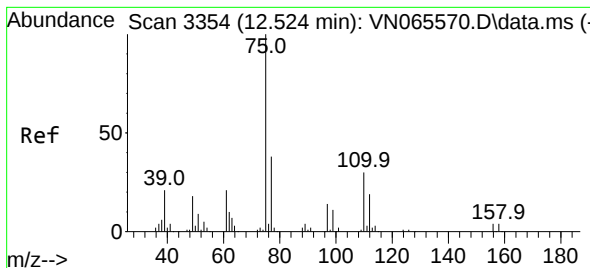
Tgt Ion:173 Resp: 612  
Ion Ratio Lower Upper  
173 100  
175 1011.4 23.8 71.2#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.315 min Scan# 3600  
Delta R.T. 0.003 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

Tgt Ion:152 Resp: 109911  
Ion Ratio Lower Upper  
152 100  
115 61.4 28.5 85.6  
150 158.4 0.0 347.6

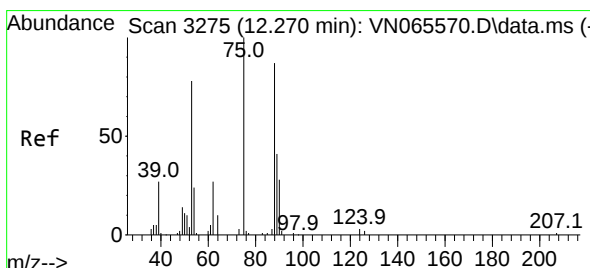
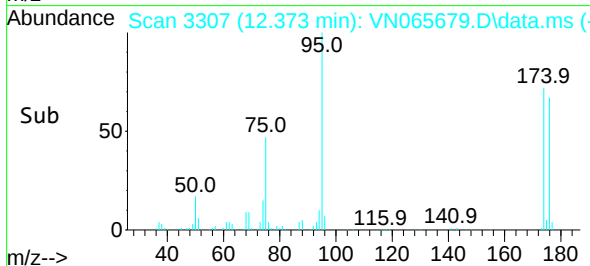
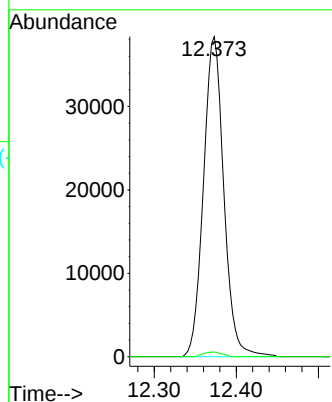
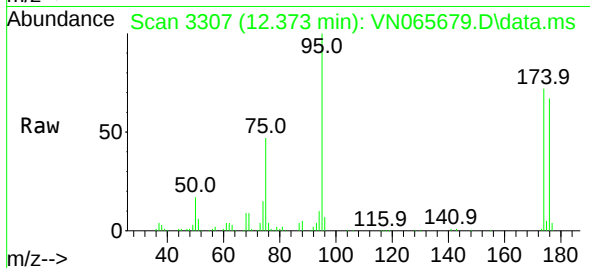




#76  
1,2,3-Trichloropropane  
Concen: 22.97 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. -0.151 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
152140-MW-2S(ONSITE)

Tgt Ion: 75 Resp: 66005  
Ion Ratio Lower Upper  
75 100  
77 1.4 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.82 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.103 min  
Lab File: VN065679.D  
Acq: 29 Jan 2021 16:04

Tgt Ion: 75 Resp: 66005  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.6 111.8#  
89 0.0 35.8 53.8#

