

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122921\  
 Data File : VN070384.D  
 Acq On : 30 Dec 2021 8:00  
 Operator : JC/MD  
 Sample : M5007-10RE  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TOLL-MW-09RE

Quant Time: Dec 30 08:25:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : Sw846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

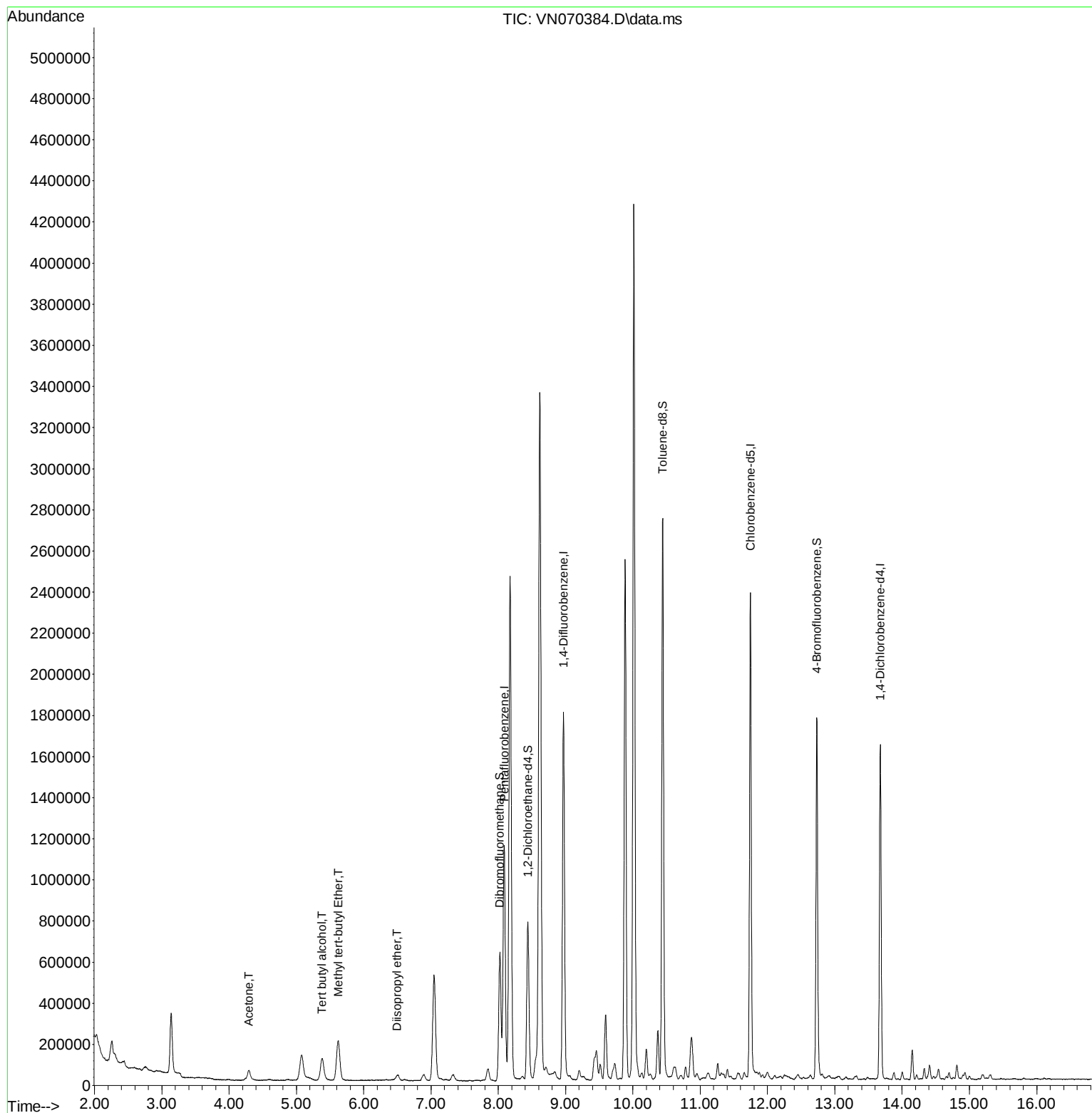
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 8.088          | 168  | 869132              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968          | 114  | 1525440             | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.746         | 117  | 1341457             | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675         | 152  | 450303              | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 653003              | 52.255 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 104.520% |        |        |          |
| 35) Dibromofluoromethane    | 8.024          | 113  | 464641              | 50.342 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 100.680% |        |        |          |
| 50) Toluene-d8              | 10.443         | 98   | 1829698             | 48.528 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 97.060%  |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.731         | 95   | 629551              | 46.229 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 92.460%  |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
|                             |                |      |                     |        | Qvalue |          |
| 11) Tert butyl alcohol      | 5.379          | 59   | 188865              | 90.769 | ug/l # | 85       |
| 16) Acetone                 | 4.291          | 43   | 84612               | 10.430 | ug/l   | 98       |
| 19) Methyl tert-butyl Ether | 5.621          | 73   | 203802              | 6.200  | ug/l # | 34       |
| 22) Diisopropyl ether       | 6.498          | 45   | 35038               | 0.896  | ug/l   | 87       |
| -----                       |                |      |                     |        |        |          |

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

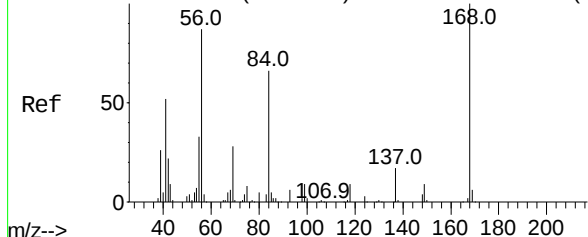
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122921\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration



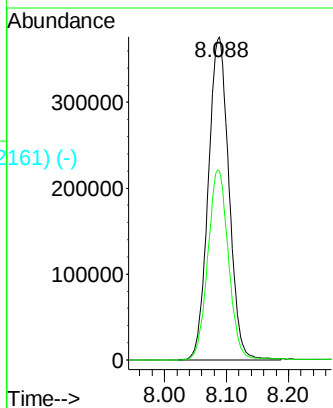
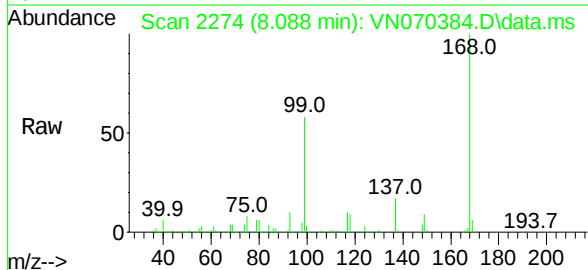
Abundance Scan 2273 (8.086 min): VN070308.D\data.ms (-2249) (-)



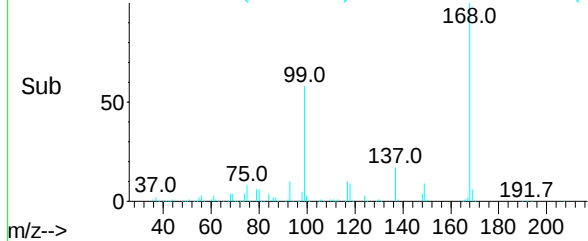
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: VN070384.D  
Acq: 30 Dec 2021 8:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-09RE

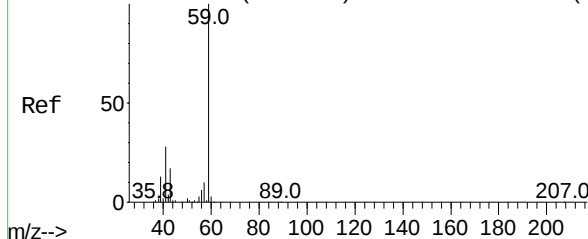
Tgt Ion:168 Resp: 869132  
Ion Ratio Lower Upper  
168 100  
99 58.5 41.3 61.9



Abundance Scan 2274 (8.088 min): VN070384.D\data.ms (-2161) (-)

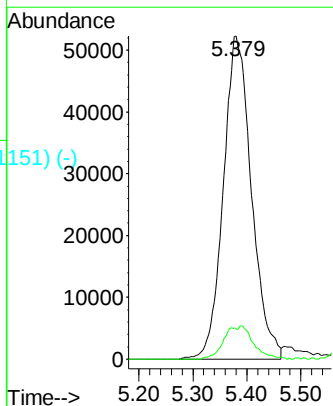
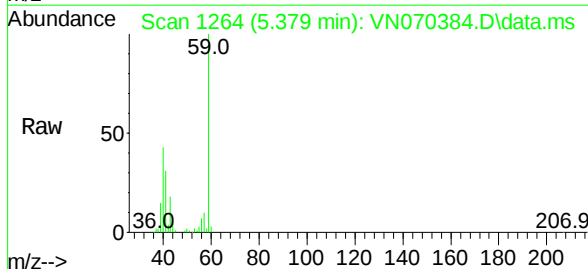


Abundance Scan 1263 (5.377 min): VN070308.D\data.ms (-1219) (-)

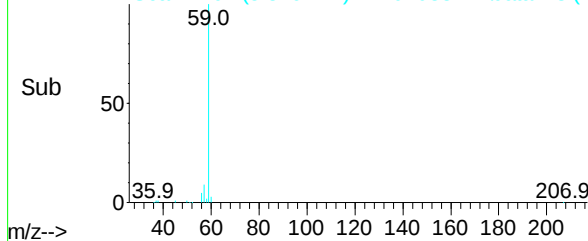


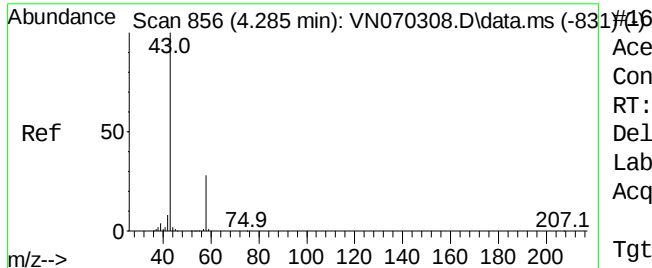
Tert butyl alcohol  
Concen: 90.769 ug/l  
RT: 5.379 min Scan# 1264  
Delta R.T. 0.002 min  
Lab File: VN070384.D  
Acq: 30 Dec 2021 8:00

Tgt Ion: 59 Resp: 188865  
Ion Ratio Lower Upper  
59 100  
57 5.1 8.7 13.1#



Abundance Scan 1264 (5.379 min): VN070384.D\data.ms (-1151) (-)





Acetone

Concen: 10.430 ug/l

RT: 4.291 min Scan# 858

Delta R.T. 0.006 min

Lab File: VN070384.D

Acq: 30 Dec 2021 8:00

Instrument :

MSVOA\_N

ClientSampleId :

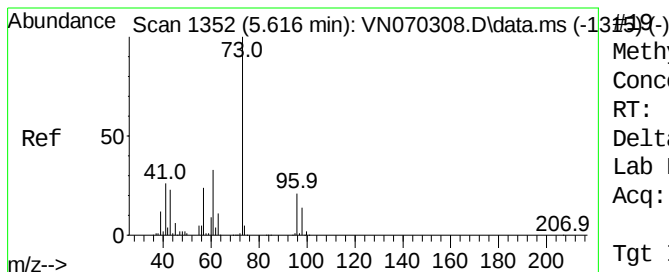
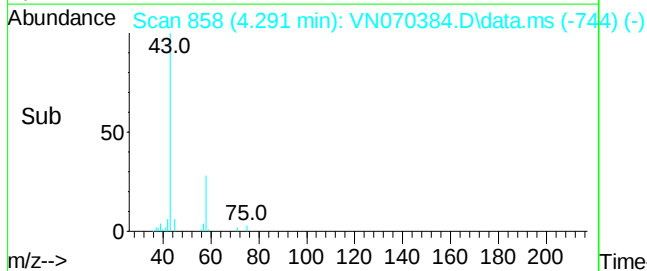
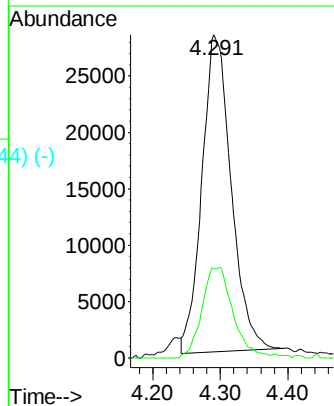
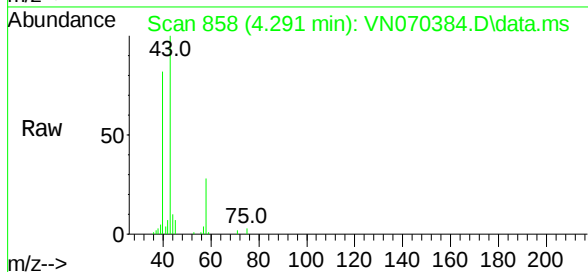
TOLL-MW-09RE

Tgt Ion: 43 Resp: 84612

Ion Ratio Lower Upper

43 100

58 27.8 23.1 34.7



Methyl tert-butyl Ether

Concen: 6.200 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.005 min

Lab File: VN070384.D

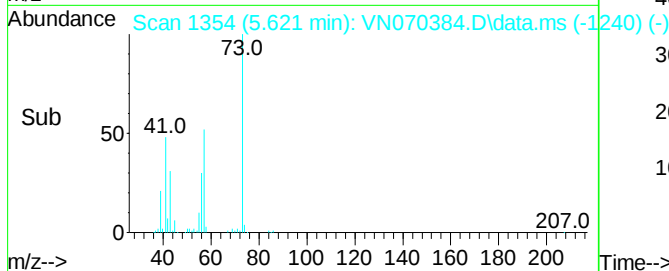
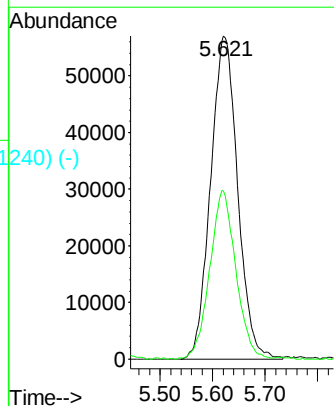
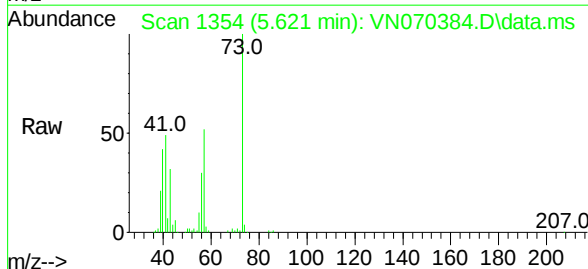
Acq: 30 Dec 2021 8:00

Tgt Ion: 73 Resp: 203802

Ion Ratio Lower Upper

73 100

57 51.7 16.8 25.2#



Abundance Scan 1681 (6.498 min): VN070308.D\data.ms (-16322-)

Diisopropyl ether

Concen: 0.896 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VN070384.D

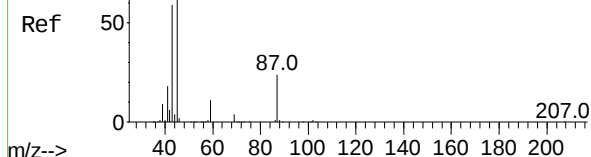
Acq: 30 Dec 2021 8:00

Instrument :

MSVOA\_N

ClientSampleId :

TOLL-MW-09RE



Tgt Ion: 45 Resp: 35038

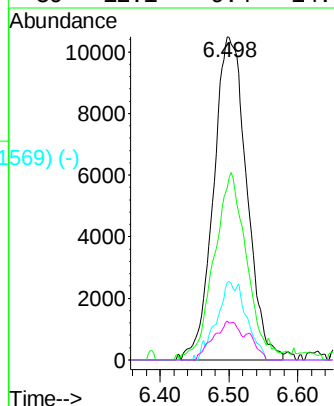
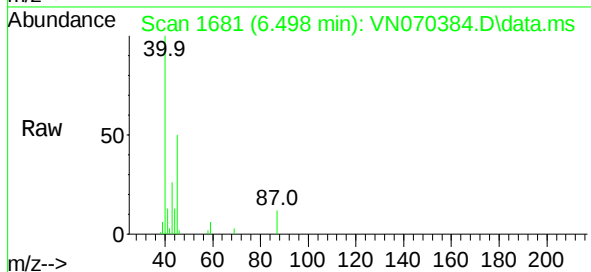
Ion Ratio Lower Upper

45 100

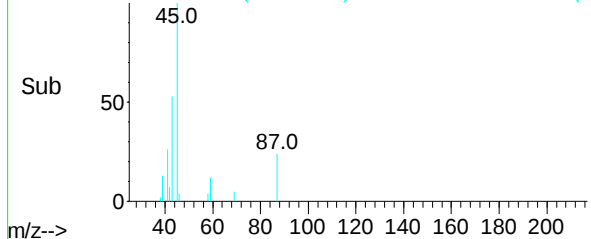
43 51.7 51.7 77.5

87 23.9 23.2 34.8

59 12.1 9.4 14.0



Abundance Scan 1681 (6.498 min): VN070384.D\data.ms (-1569-)



Abundance Scan 2404 (8.437 min): VN070308.D\data.ms (-23793-)

1,2-Dichloroethane-d4

Concen: 52.255 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070384.D

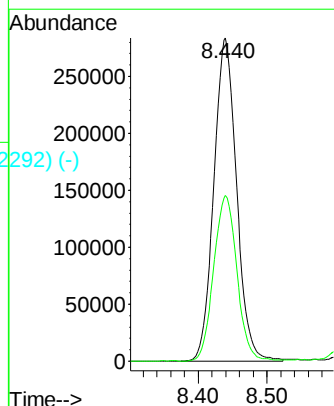
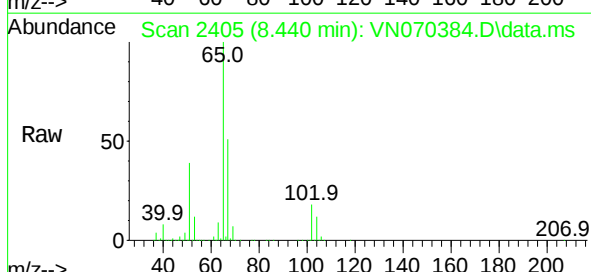
Acq: 30 Dec 2021 8:00

Tgt Ion: 65 Resp: 653003

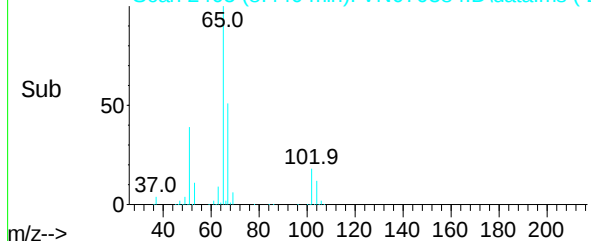
Ion Ratio Lower Upper

65 100

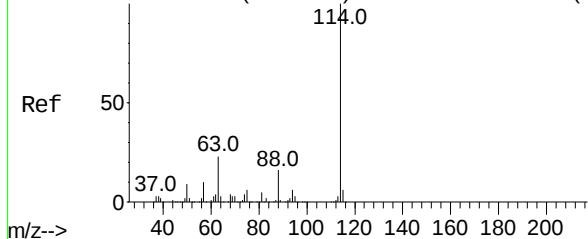
67 52.4 0.0 103.0



Abundance Scan 2405 (8.440 min): VN070384.D\data.ms (-2292-)



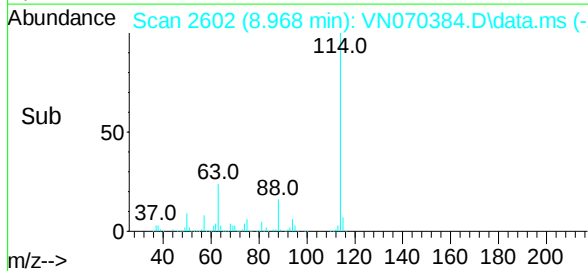
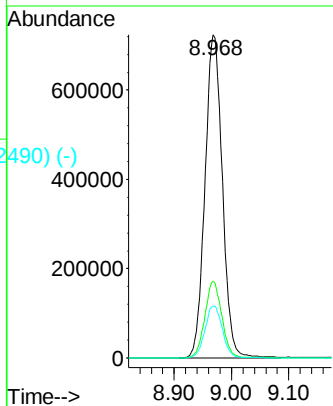
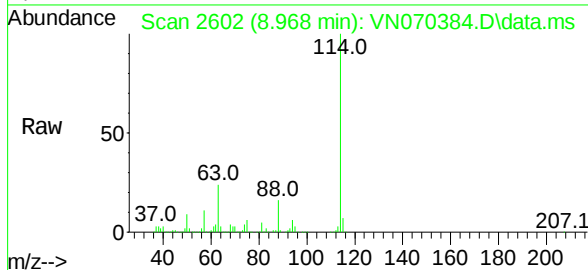
Abundance Scan 2602 (8.968 min): VN070308.D\data.ms (-25794-)



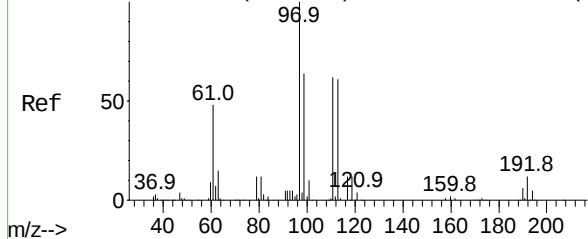
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070384.D  
Acq: 30 Dec 2021 8:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-09RE

Tgt Ion:114 Resp: 1525440  
Ion Ratio Lower Upper  
114 100  
63 23.8 0.0 37.8  
88 16.1 0.0 27.4

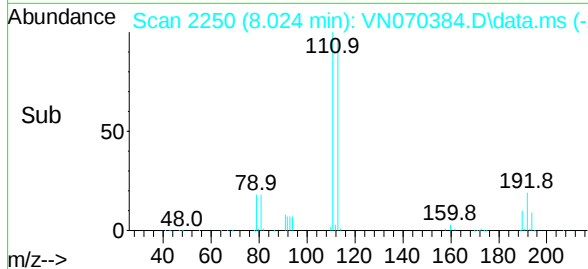
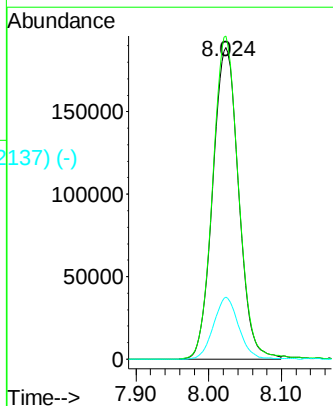
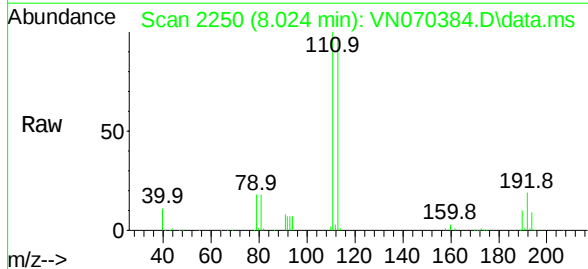


Abundance Scan 2249 (8.021 min): VN070308.D\data.ms (-22395-)

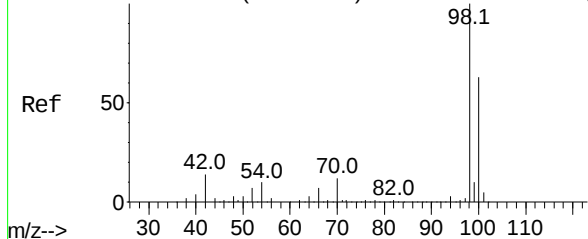


Dibromofluoromethane  
Concen: 50.342 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN070384.D  
Acq: 30 Dec 2021 8:00

Tgt Ion:113 Resp: 464641  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.2 123.2  
192 19.4 16.9 25.3



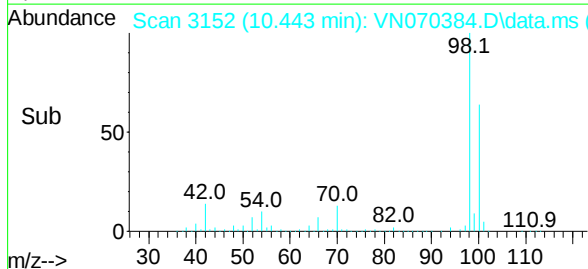
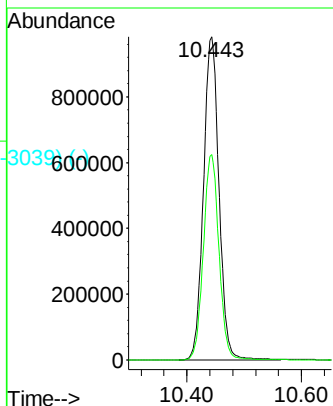
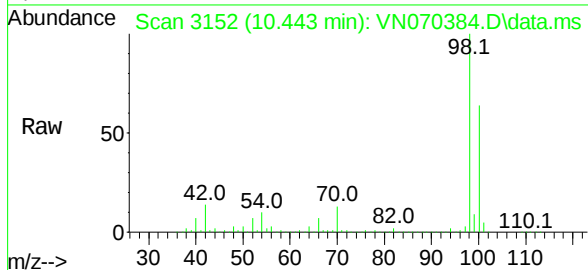
Abundance Scan 3151 (10.440 min): VN070308.D\data.ms (-3151) (-)



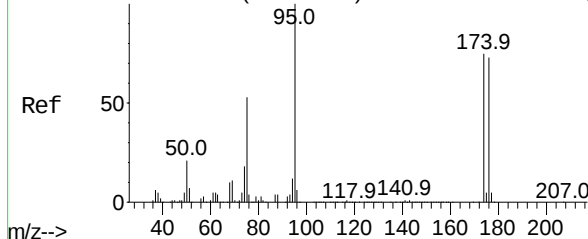
Toluene-d8  
Concen: 48.528 ug/l  
RT: 10.443 min Scan# 3151  
Delta R.T. 0.003 min  
Lab File: VN070384.D  
Acq: 30 Dec 2021 8:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
TOLL-MW-09RE

Tgt Ion: 98 Resp: 1829698  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.4 75.6

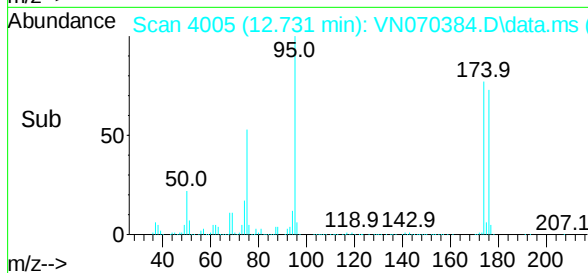
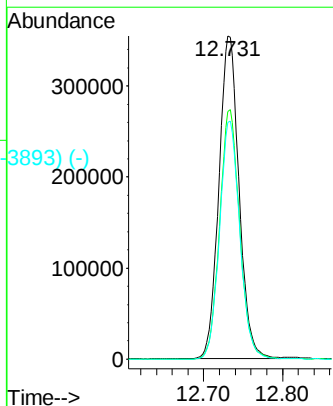
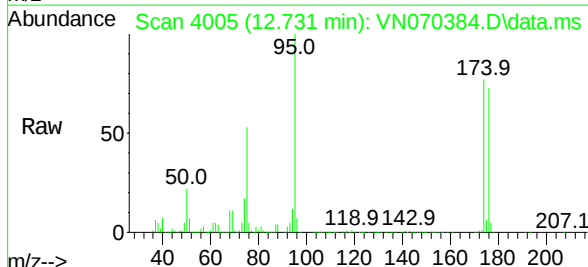


Abundance Scan 4005 (12.731 min): VN070308.D\data.ms (-3962) (-)



4-Bromofluorobenzene  
Concen: 46.229 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN070384.D  
Acq: 30 Dec 2021 8:00

Tgt Ion: 95 Resp: 629551  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 187.2  
176 74.0 0.0 181.4



Abundance Scan 3637 (11.744 min): VN070308.D\data.ms (-3659) (-)

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3659

Delta R.T. 0.002 min

Lab File: VN070384.D

Acq: 30 Dec 2021 8:00

Instrument :

MSVOA\_N

ClientSampleId :

TOLL-MW-09RE

Tgt Ion:117 Resp: 1341457

Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

119 32.4 25.4 38.2

Abundance Scan 3638 (11.746 min): VN070384.D\data.ms

Ref

54.0 82.0 117.0 207.1

m/z-->

Raw

54.0 82.0 117.0

m/z-->

Abundance Scan 3638 (11.746 min): VN070384.D\data.ms (-3525) (-)

Sub

54.0 82.0 117.0

m/z-->

Abundance

11.746

600000

400000

200000

0

Time-->

Abundance Scan 4356 (13.672 min): VN070308.D\data.ms (-4372) (-)

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070384.D

Acq: 30 Dec 2021 8:00

Tgt Ion:152 Resp: 450303

Ion Ratio Lower Upper

152 100

115 60.3 27.5 82.5

150 157.9 0.0 344.4

Abundance Scan 4357 (13.675 min): VN070384.D\data.ms

Ref

52.0 78.0 115.0 150.0 206.9

m/z-->

Raw

52.0 78.0 115.0 150.0 206.9

m/z-->

Abundance Scan 4357 (13.675 min): VN070384.D\data.ms (-4244) (-)

Sub

52.0 78.0 115.0 150.0

m/z-->

Abundance

13.675

400000

300000

200000

100000

0

Time-->