

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\  
 Data File : VN051599.D  
 Acq On : 27 Sep 2018 22:11  
 Operator : MD\SY  
 Sample : J5097-02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-1

Quant Time: Sep 28 02:36:25 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N092318W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 24 06:41:32 2018  
 Response via : Initial Calibration

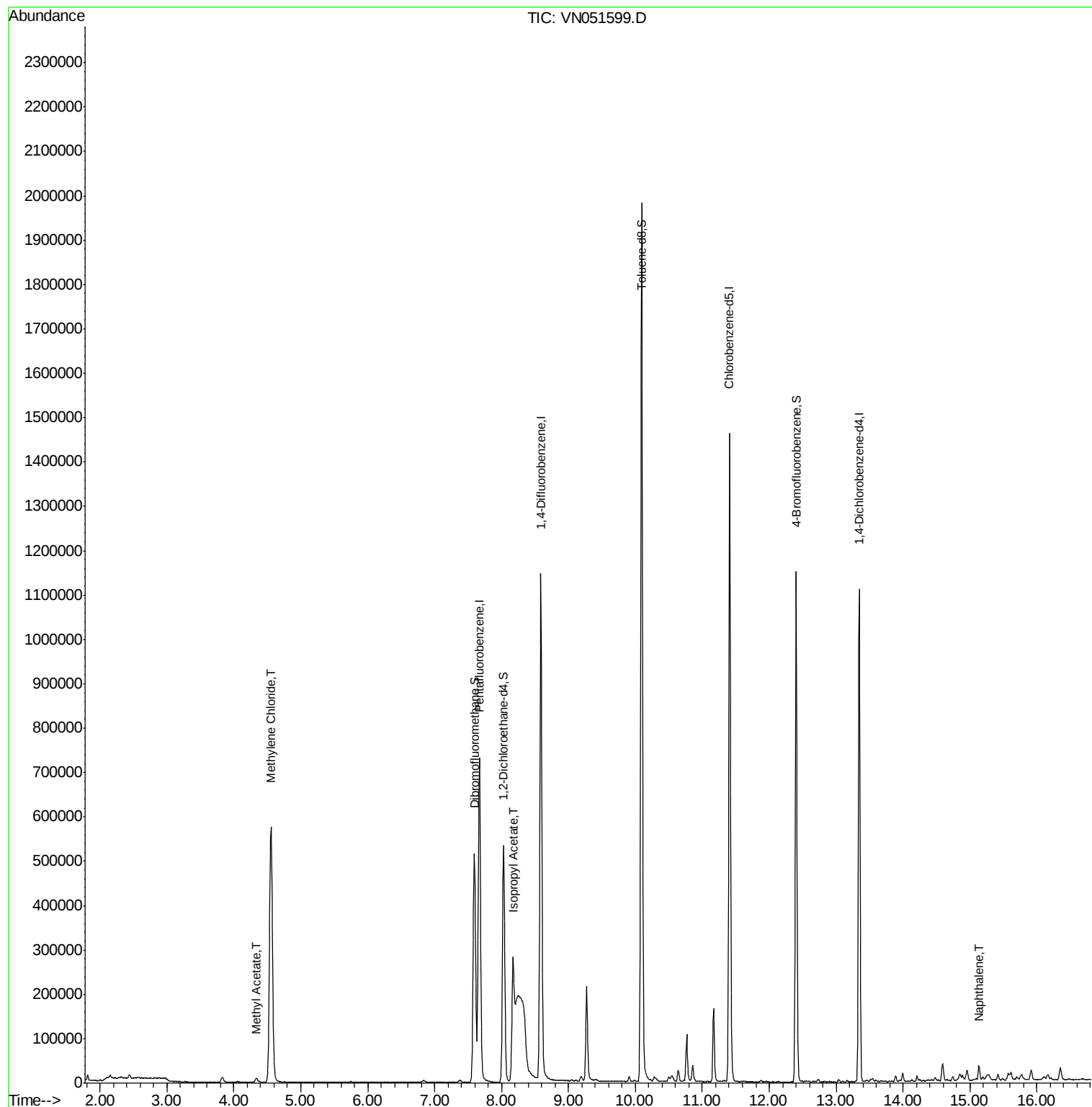
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 624689   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 1045233  | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 868781   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 312283   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 460237   | 58.81  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 117.62% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 398419   | 47.67  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.34%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1445316  | 45.92  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 91.84%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 386605   | 37.97  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 75.94%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 18) Methyl Acetate          | 4.33  | 43   | 17512    | 2.938  | ug/l    | 96       |
| 20) Methylene Chloride      | 4.55  | 84   | 432433   | 55.844 | ug/l    | 98       |
| 43) Isopropyl Acetate       | 8.17  | 43   | 355738   | 28.268 | ug/l #  | 88       |
| 95) Naphthalene             | 15.14 | 128  | 27491    | 10.031 | ug/l    | 96       |

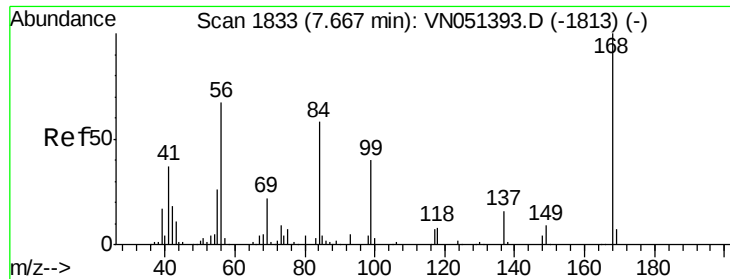
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\  
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QLast Update : Mon Sep 24 06:41:32 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051599.D

Acq: 27 Sep 2018 22:11

Instrument :

MSVOA\_N

ClientSampleId :

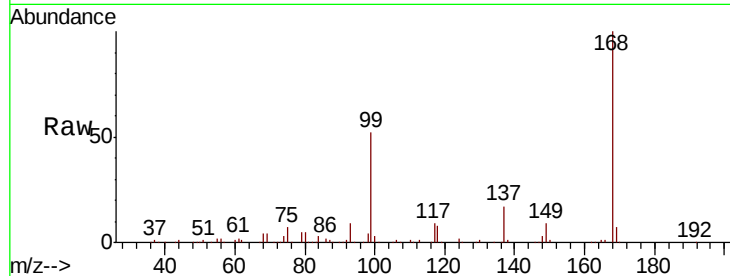
TP-1

Tot Ion:168 Resp: 624689

Ion Ratio Lower Upper

168 100

99 51.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

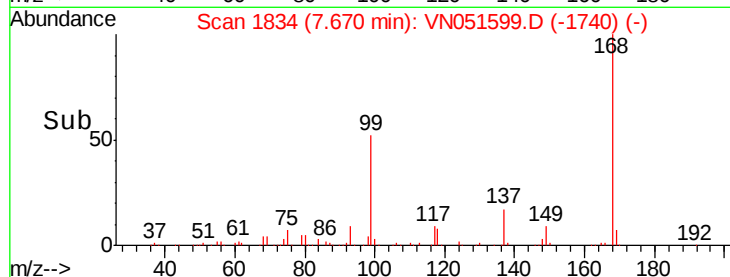
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.938 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051599.D

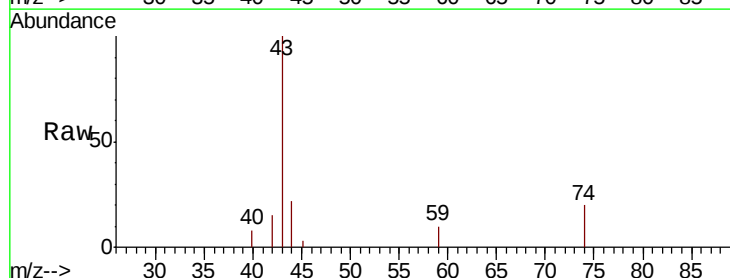
Acq: 27 Sep 2018 22:11

Tgt Ion: 43 Resp: 17512

Ion Ratio Lower Upper

43 100

74 21.8 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.33

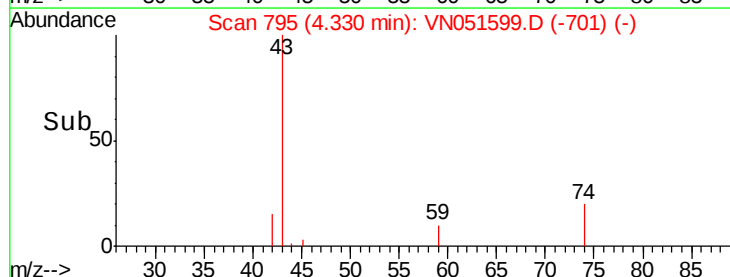
6000

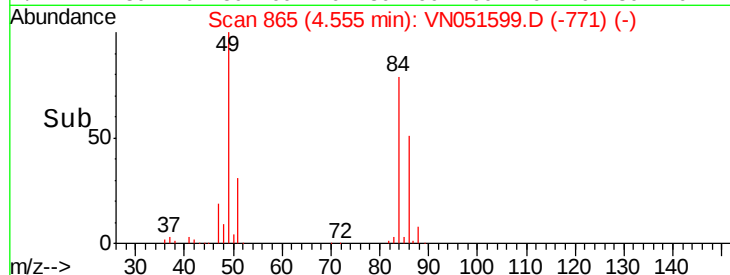
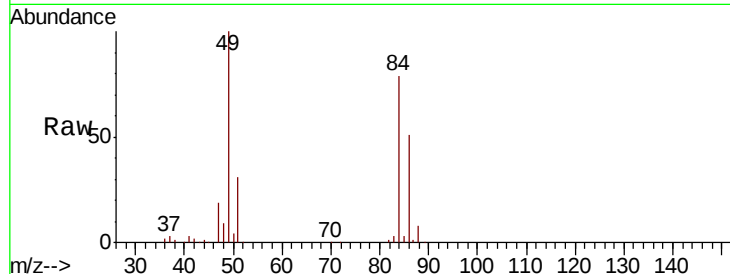
4000

2000

0

Time-->

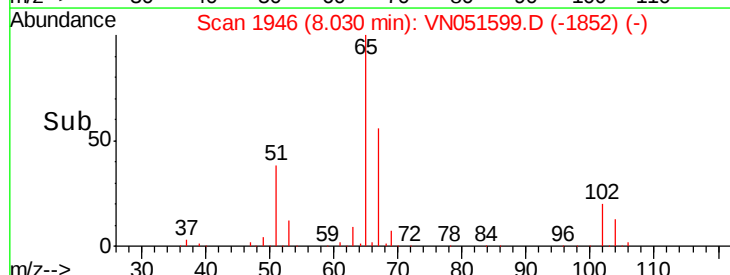
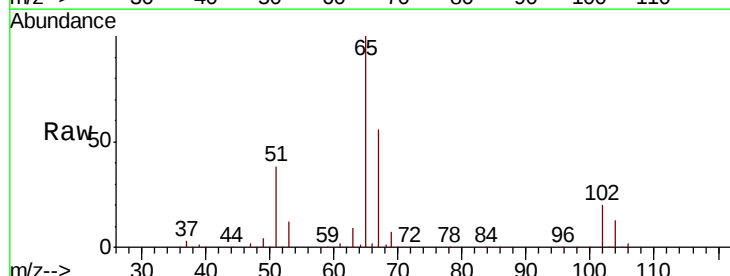
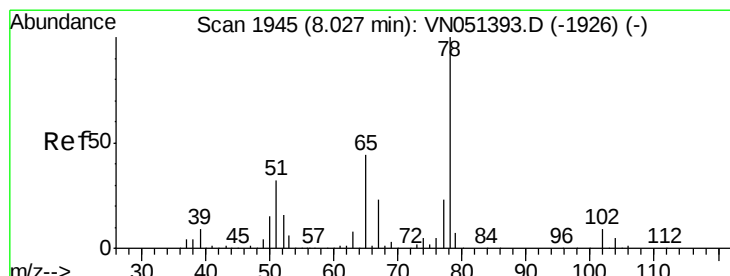
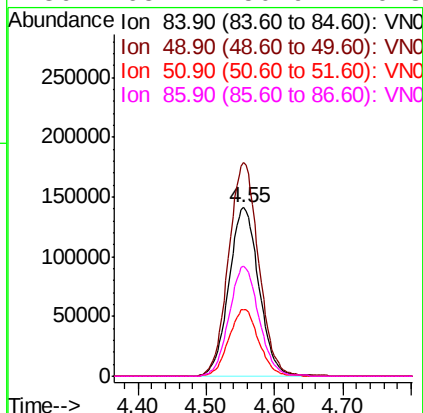




#20  
Methvlene Chloride  
Concen: 55.844 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN051599.D  
Acq: 27 Sep 2018 22:11

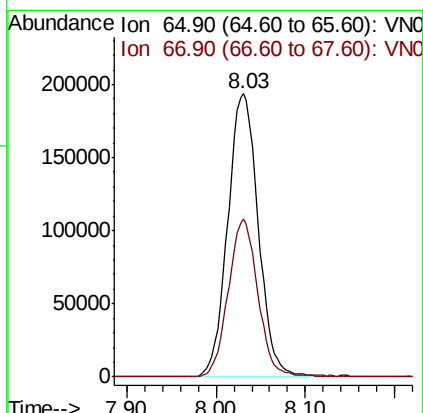
Instrument :  
MSVOA\_N  
ClientSampled :  
TP-1

Tot Ion: 84 Resp: 432433  
Ion Ratio Lower Upper  
84 100  
49 126.8 99.9 149.9  
51 39.8 31.4 47.2  
86 65.1 50.9 76.3



#33  
1,2-Dichloroethane-d4  
Concen: 58.814 ug/l  
RT: 8.03 min Scan# 1946  
Delta R.T. 0.00 min  
Lab File: VN051599.D  
Acq: 27 Sep 2018 22:11

Tgt Ion: 65 Resp: 460237  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 107.8

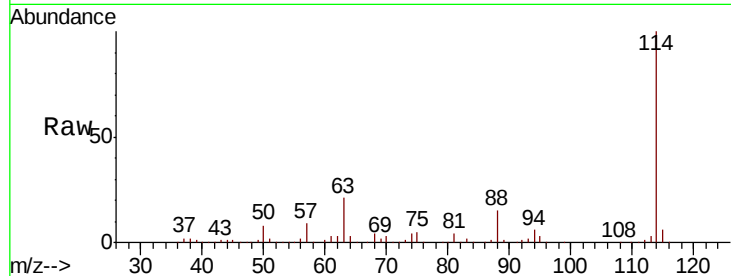




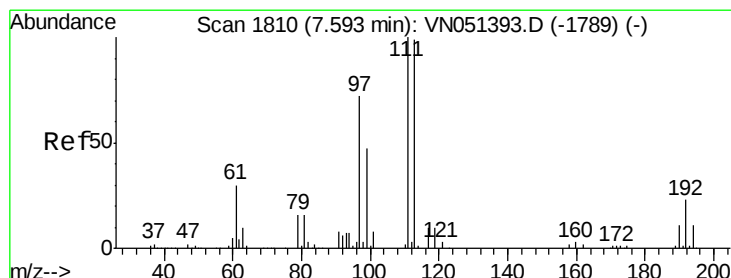
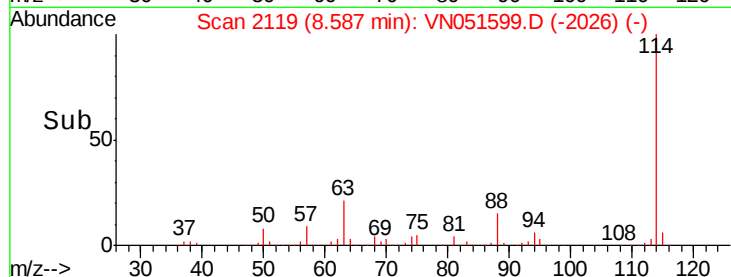
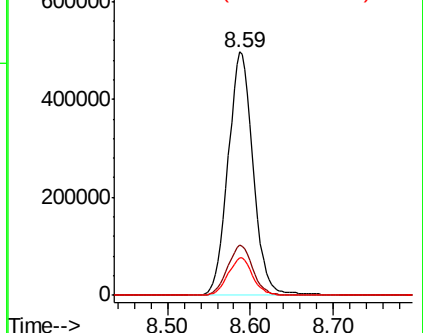
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN051599.D  
 Acq: 27 Sep 2018 22:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-1

Tot Ion:114 Resp: 1045233  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 0.0 40.2  
 88 15.4 0.0 31.4

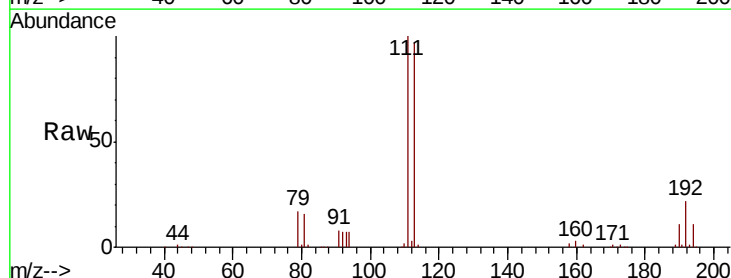


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

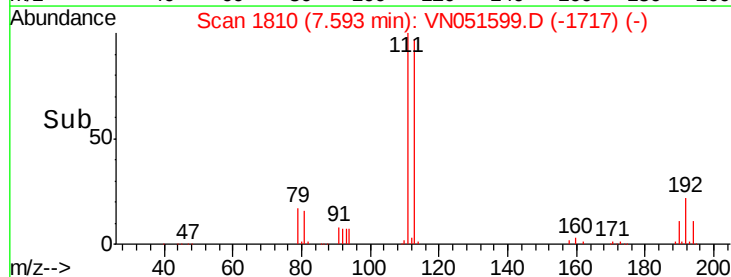
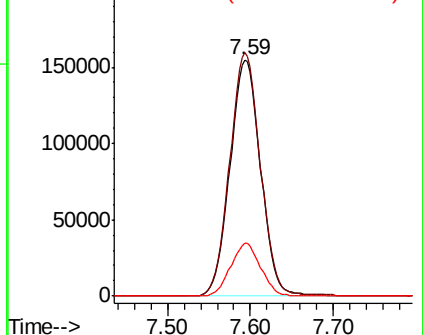


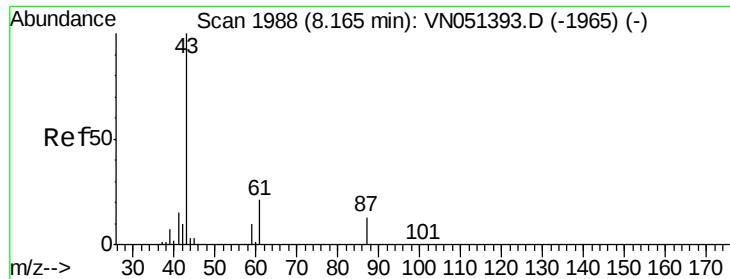
#35  
 Dibromofluoromethane  
 Concen: 47.668 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN051599.D  
 Acq: 27 Sep 2018 22:11

Tgt Ion:113 Resp: 398419  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 82.6 123.8  
 192 21.9 18.0 27.0



Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V



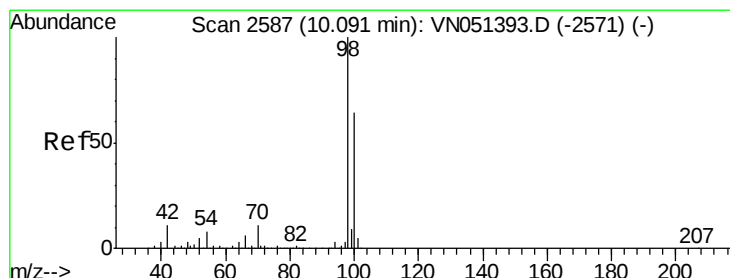
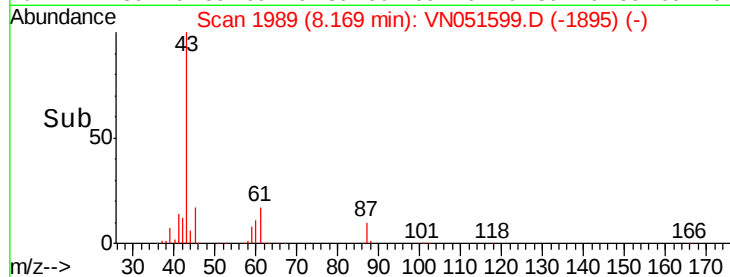
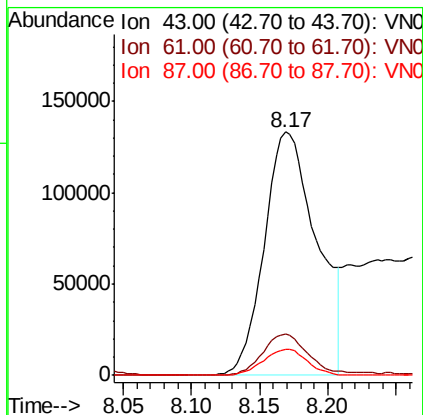
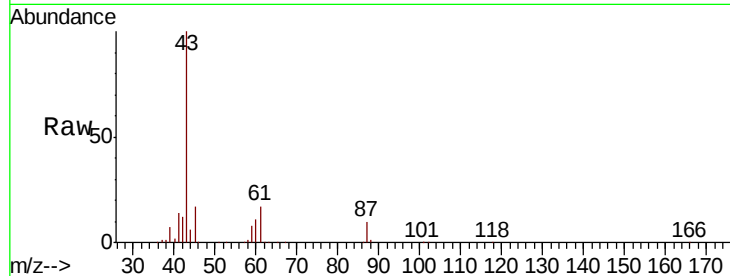


#43

Isopropyl Acetate  
 Concen: 28.268 ug/l  
 RT: 8.17 min Scan# 1989  
 Delta R.T. 0.00 min  
 Lab File: VN051599.D  
 Acq: 27 Sep 2018 22:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-1

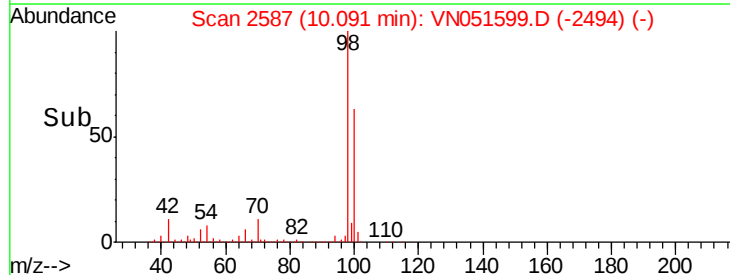
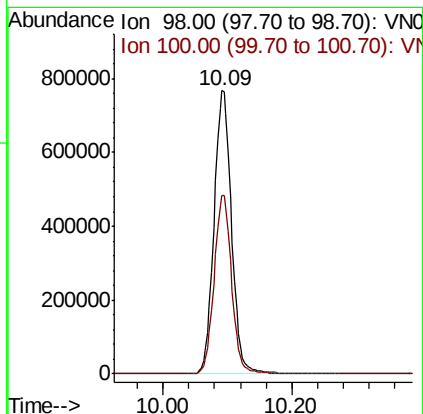
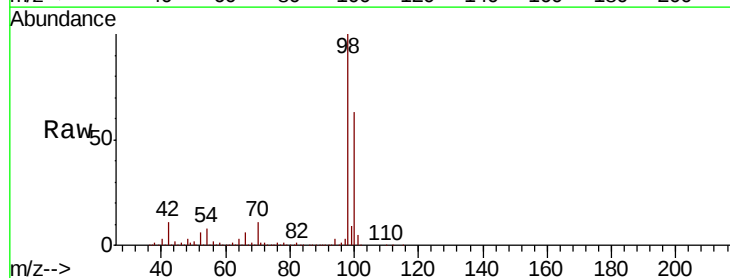
Tot Ion: 43 Resp: 355738  
 Ion Ratio Lower Upper  
 43 100  
 61 15.2 16.8 25.2#  
 87 8.9 10.7 16.1#



#50

Toluene-d8  
 Concen: 45.921 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN051599.D  
 Acq: 27 Sep 2018 22:11

Tgt Ion: 98 Resp: 1445316  
 Ion Ratio Lower Upper  
 98 100  
 100 62.9 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 37.970 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051599.D

Acq: 27 Sep 2018 22:11

Instrument :

MSVOA\_N

ClientSampled :

TP-1

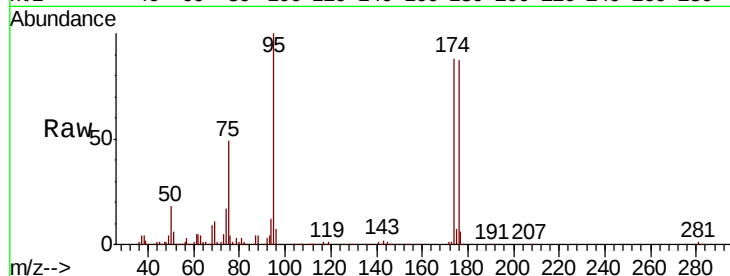
Tot Ion: 95 Resp: 386605

Ion Ratio Lower Upper

95 100

174 89.4 0.0 181.6

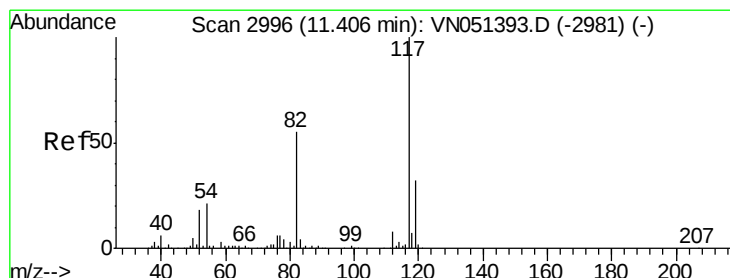
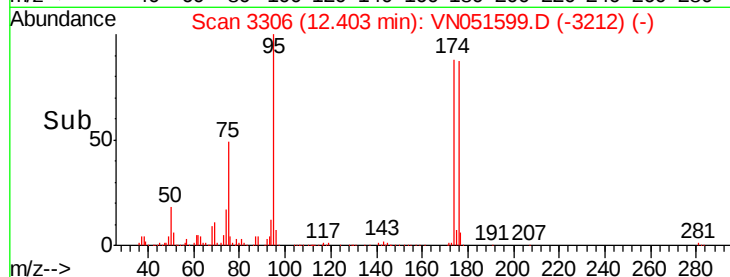
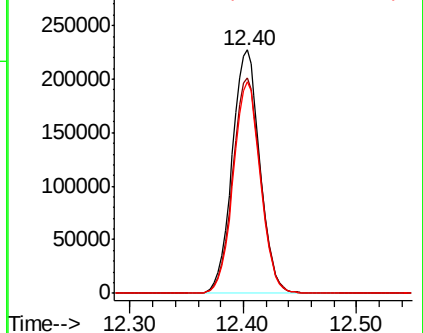
176 85.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051599.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051599.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051599.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051599.D

Acq: 27 Sep 2018 22:11

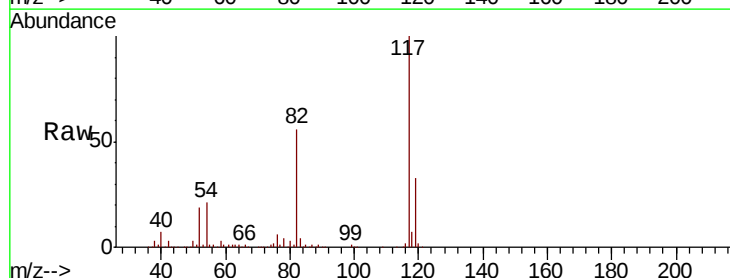
Tgt Ion: 117 Resp: 868781

Ion Ratio Lower Upper

117 100

82 56.2 44.2 66.2

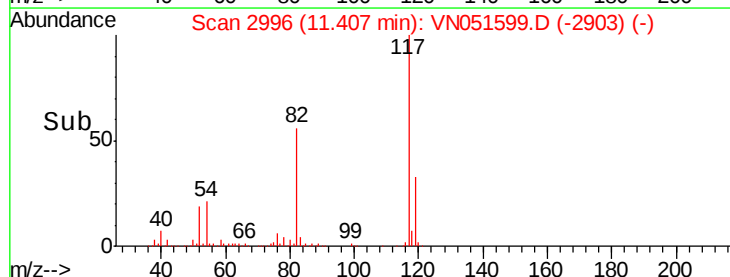
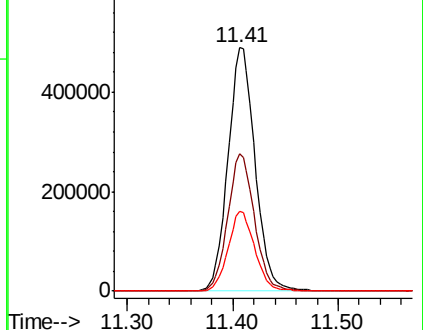
119 33.0 25.9 38.9

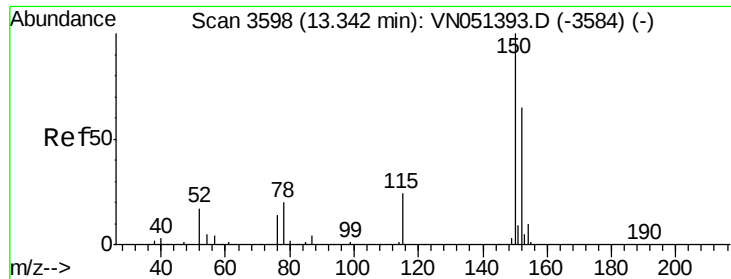


Abundance Ion 116.90 (116.60 to 117.60): VN051599.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051599.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051599.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051599.D

Acq: 27 Sep 2018 22:11

Instrument :

MSVOA\_N

ClientSampleId :

TP-1

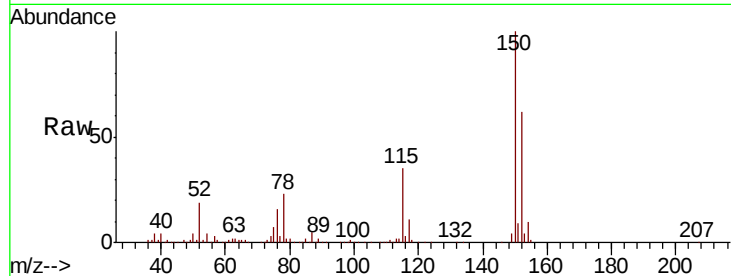
Tot Ion:152 Resp: 312283

Ion Ratio Lower Upper

152 100

115 55.8 28.3 84.9

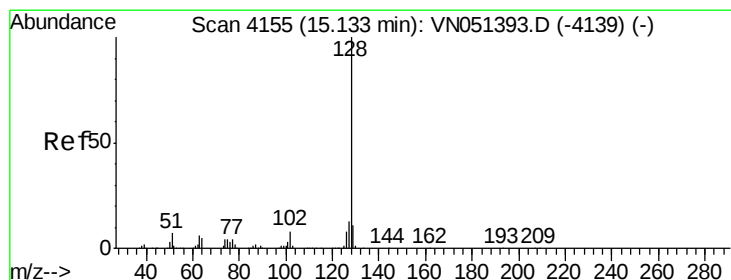
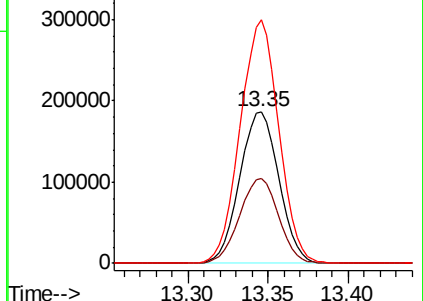
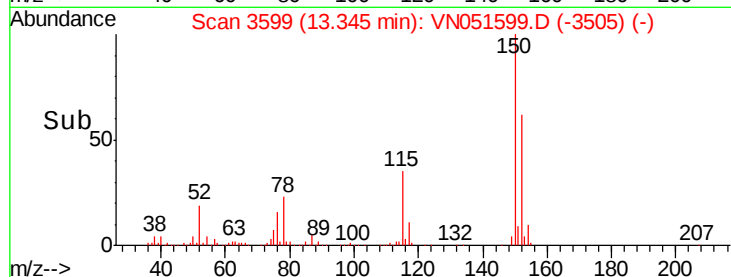
150 158.3 0.0 353.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 10.031 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051599.D

Acq: 27 Sep 2018 22:11

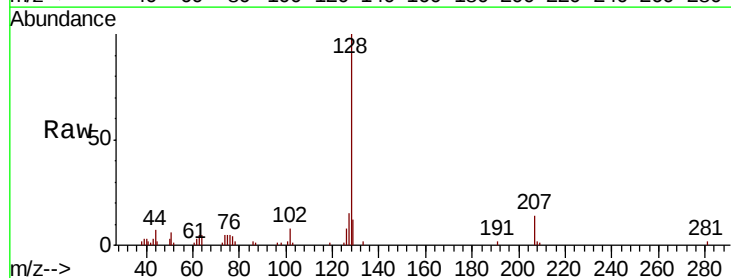
Tgt Ion:128 Resp: 27491

Ion Ratio Lower Upper

128 100

127 15.4 10.5 15.7

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

