

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054952.D
 Acq On : 4 Apr 2019 17:18
 Operator : JC/SP
 Sample : K2245-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3S

Quant Time: Apr 05 03:52:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

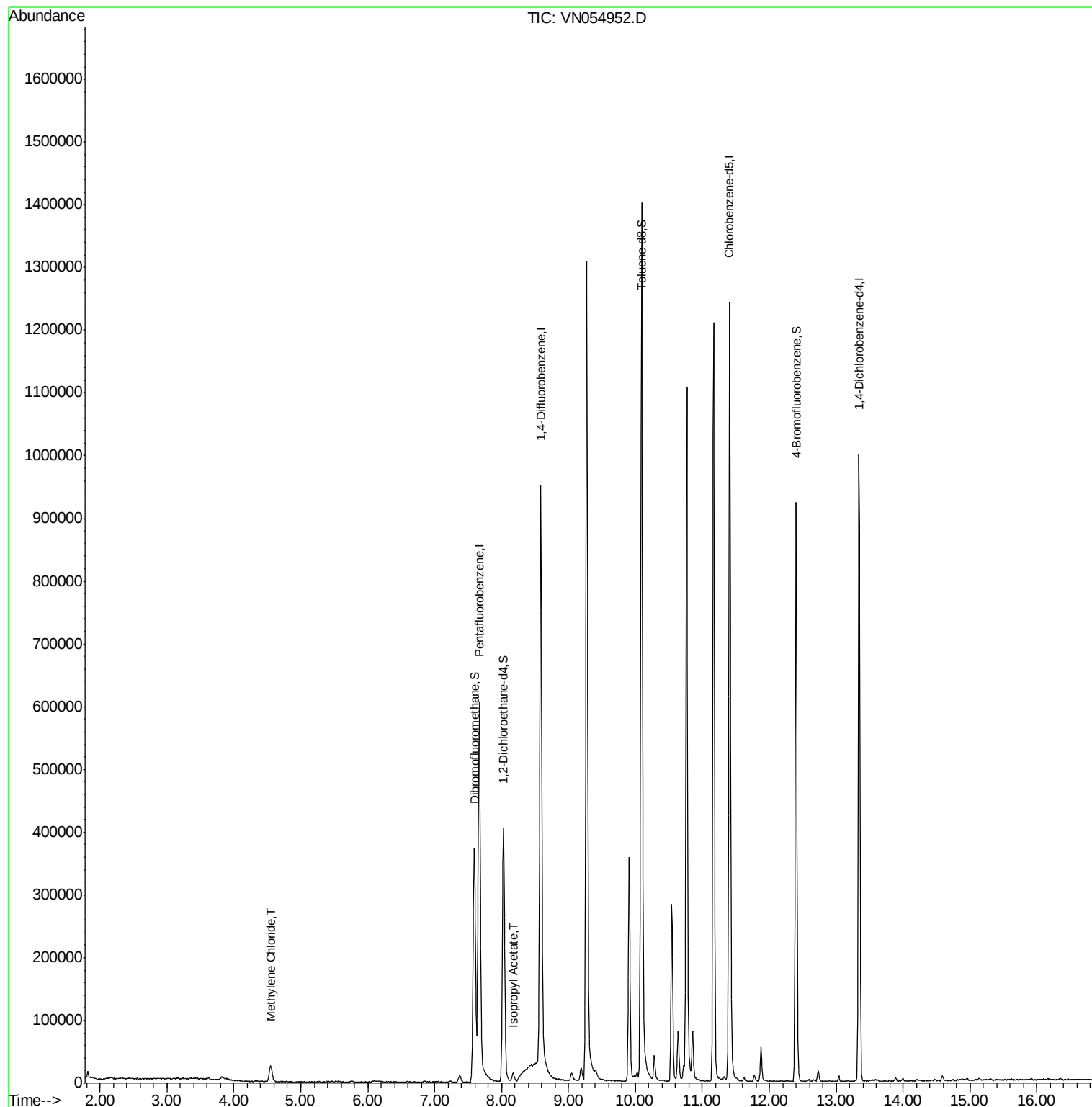
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	520086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	871512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	736315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	269611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	342679	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	7.59	113	281066	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.09	98	1042384	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.40	95	315355	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
Target Compounds						
20) Methylene Chloride	4.55	84	17221	2.706	ug/l	92
43) Isopropyl Acetate	8.17	43	16791	1.681	ug/l	98

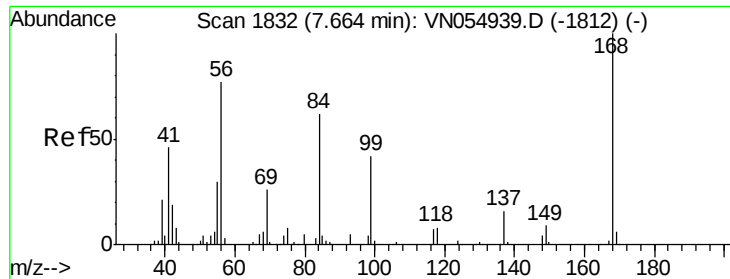
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054952.D

Acq: 4 Apr 2019 17:18

Instrument :

MSVOA_N

ClientSampled :

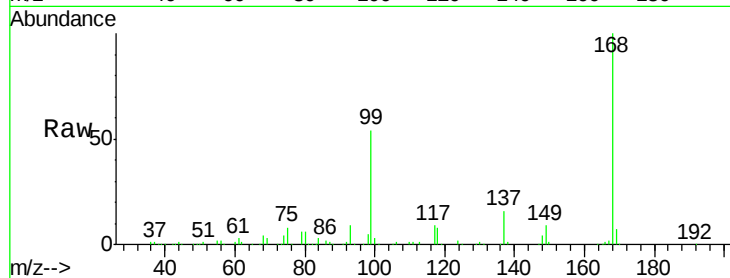
TP-3S

Tgt Ion:168 Resp: 520086

Ion Ratio Lower Upper

168 100

99 54.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

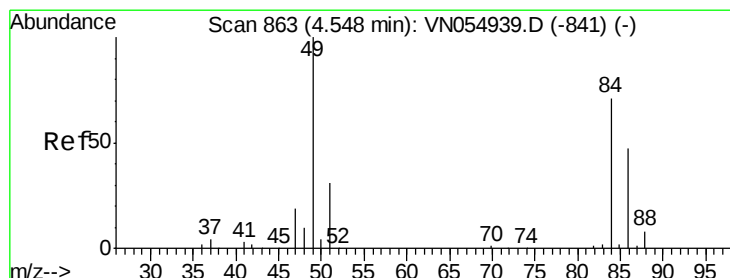
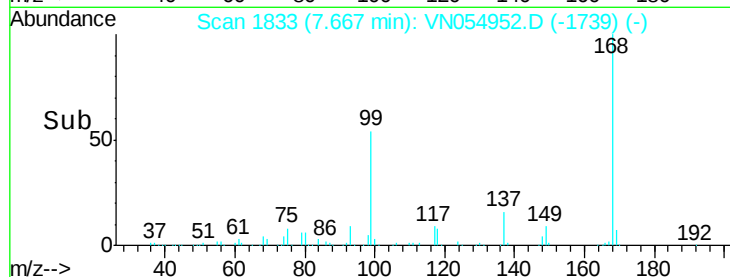
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 2.706 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN054952.D

Acq: 4 Apr 2019 17:18

Tgt Ion: 84 Resp: 17221

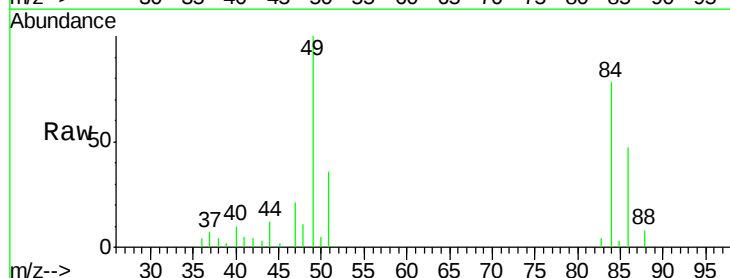
Ion Ratio Lower Upper

84 100

49 127.5 112.1 168.1

51 46.1 34.5 51.7

86 60.5 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

12000

10000

8000

6000

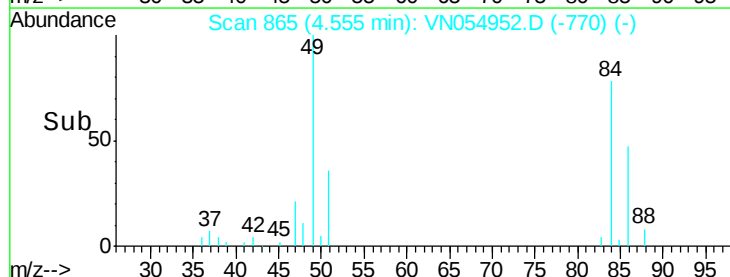
4000

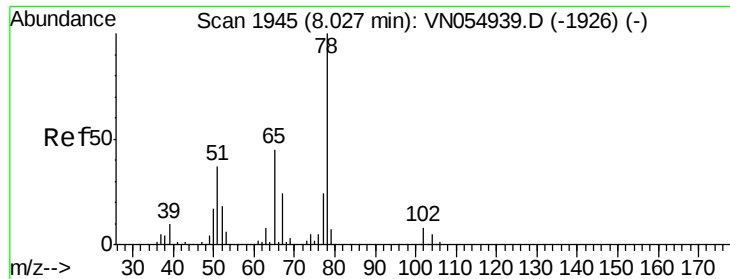
2000

0

Time-->

4.45 4.50 4.55 4.60 4.65

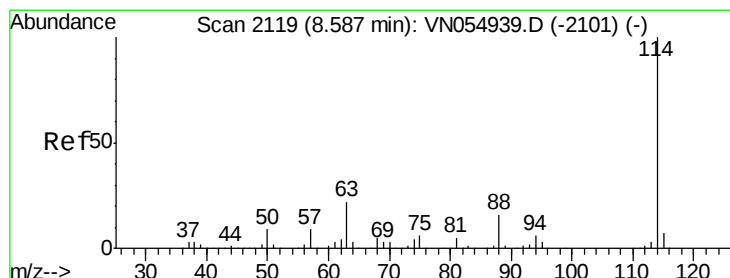
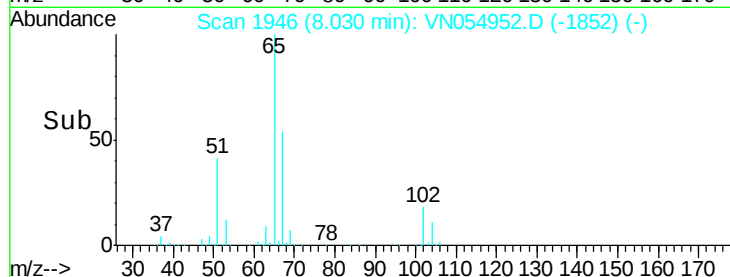
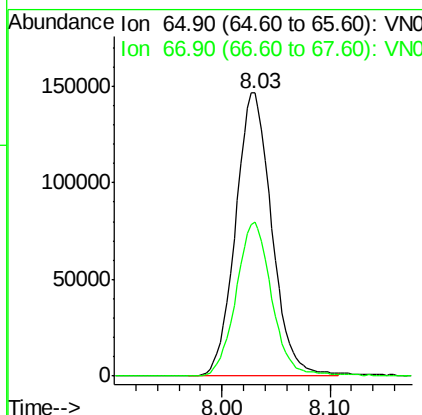
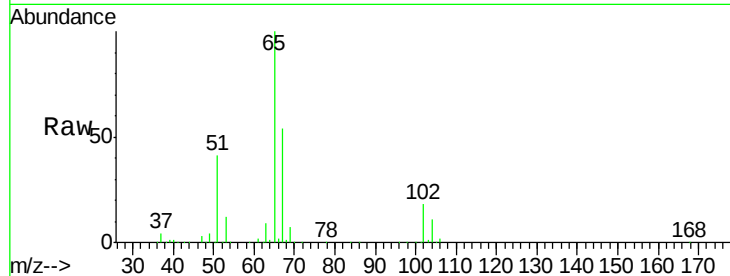




#33
 1,2-Dichloroethane-d4
 Concen: 49.974 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054952.D
 Acq: 4 Apr 2019 17:18

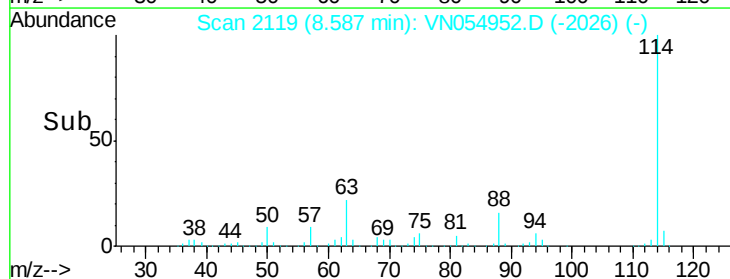
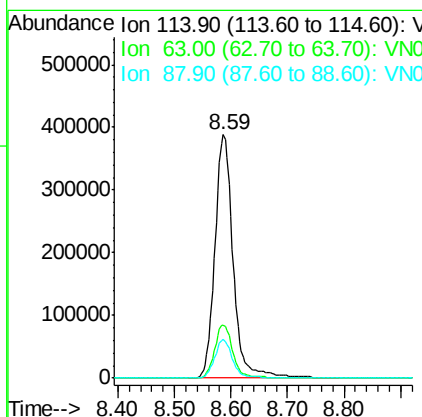
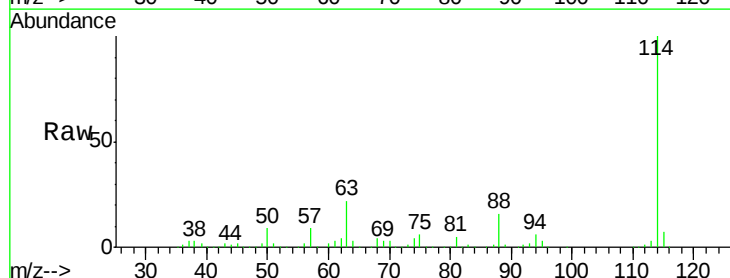
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3S

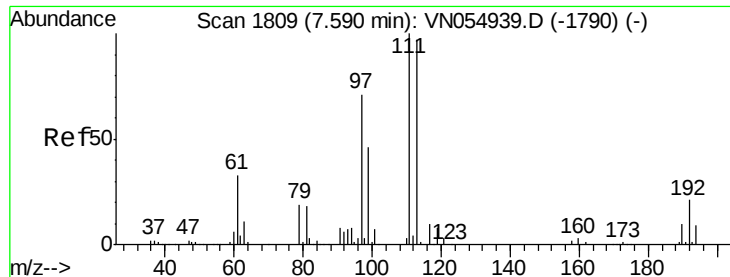
Tgt Ion: 65 Resp: 342679
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054952.D
 Acq: 4 Apr 2019 17:18

Tgt Ion: 114 Resp: 871512
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.6
 88 15.7 0.0 32.0

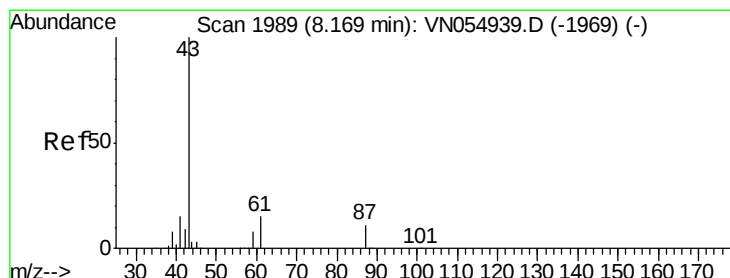
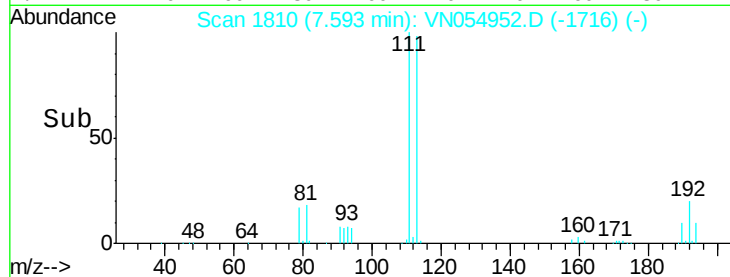
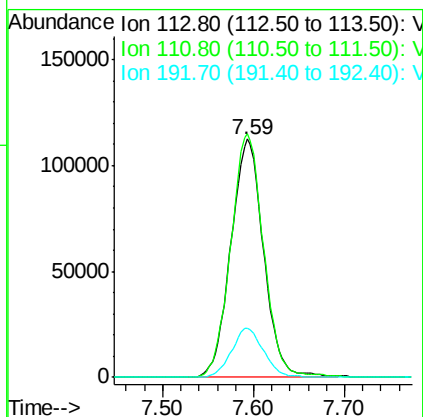
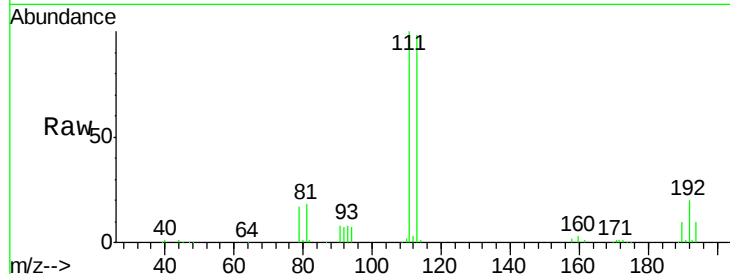




#35
 Dibromofluoromethane
 Concen: 49.543 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054952.D
 Acq: 4 Apr 2019 17:18

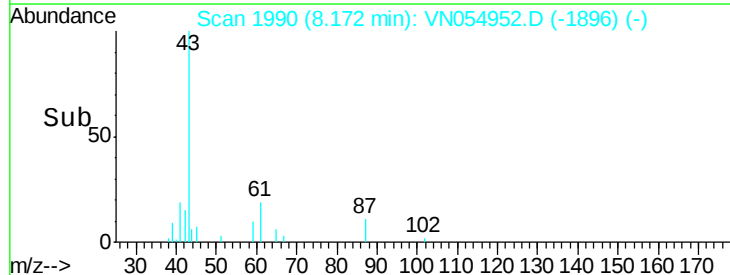
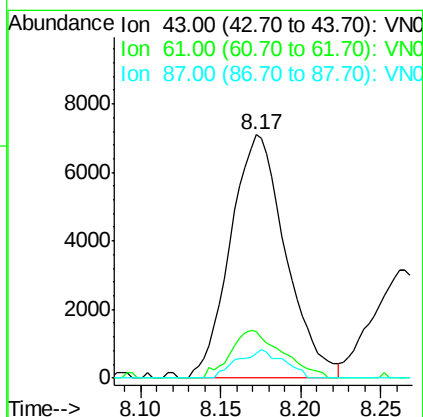
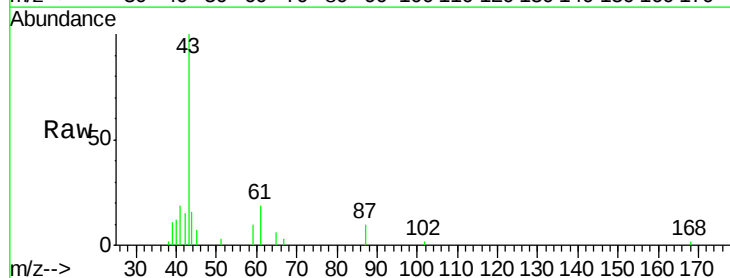
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3S

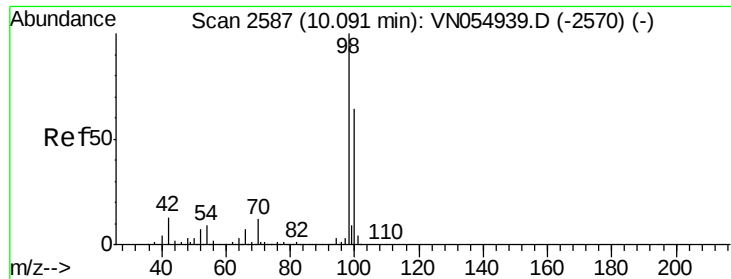
Tgt Ion: 113 Resp: 281066
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.4
 192 20.0 16.5 24.7



#43
 Isopropyl Acetate
 Concen: 1.681 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054952.D
 Acq: 4 Apr 2019 17:18

Tgt Ion: 43 Resp: 16791
 Ion Ratio Lower Upper
 43 100
 61 18.3 14.4 21.6
 87 9.7 9.0 13.4





#50

Toluene-d8

Concen: 48.424 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054952.D

Acq: 4 Apr 2019 17:18

Instrument :

MSVOA_N

ClientSampled :

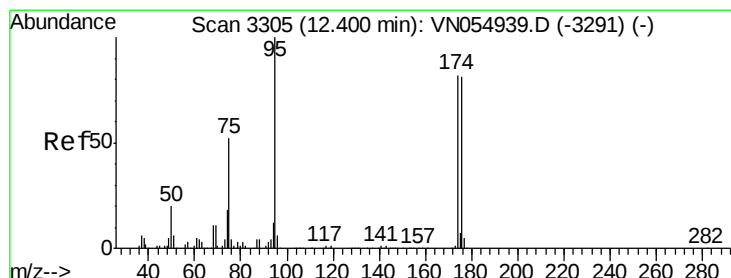
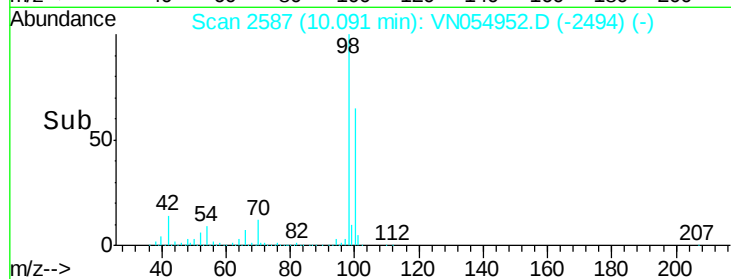
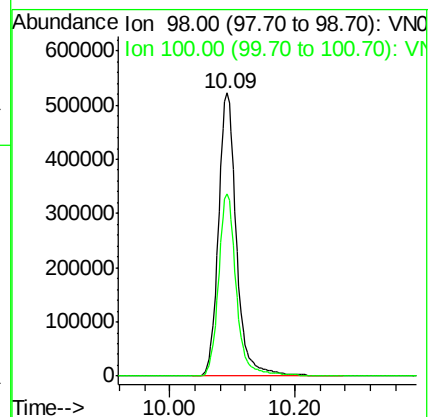
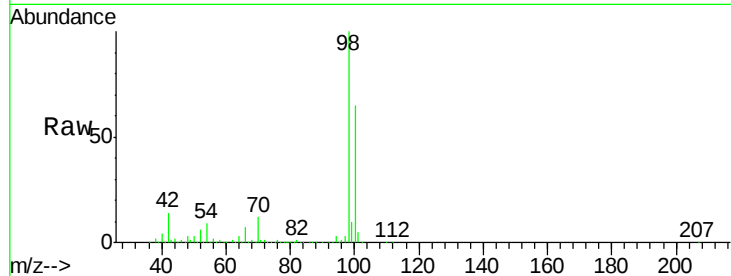
TP-3S

Tgt Ion: 98 Resp: 1042384

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 43.898 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054952.D

Acq: 4 Apr 2019 17:18

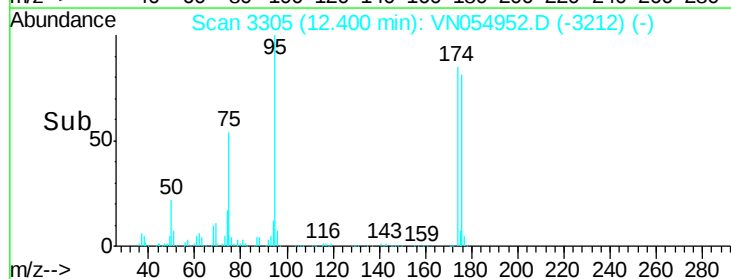
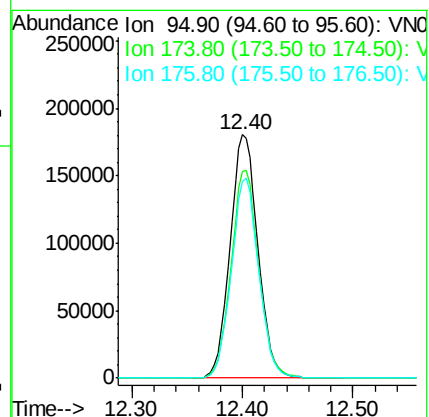
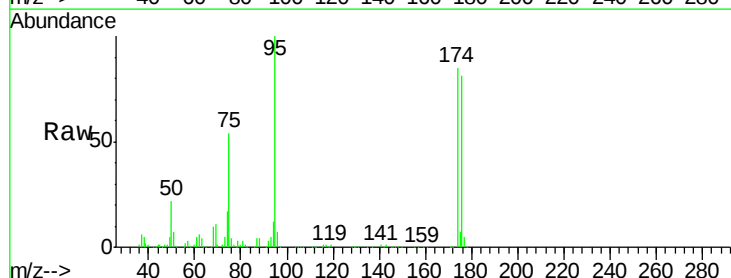
Tgt Ion: 95 Resp: 315355

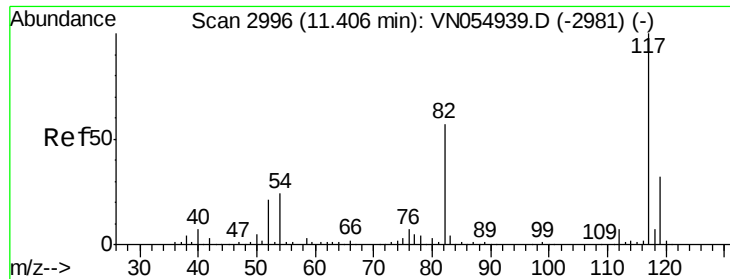
Ion Ratio Lower Upper

95 100

174 84.9 0.0 166.2

176 80.8 0.0 163.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054952.D

Acq: 4 Apr 2019 17:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3S

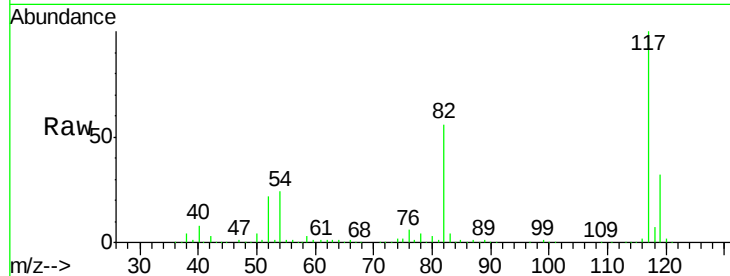
Tgt Ion:117 Resp: 736315

Ion Ratio Lower Upper

117 100

82 56.4 45.3 67.9

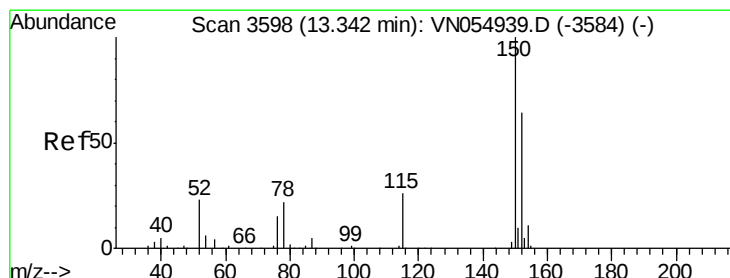
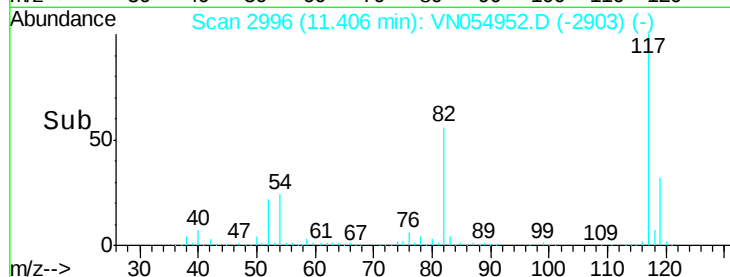
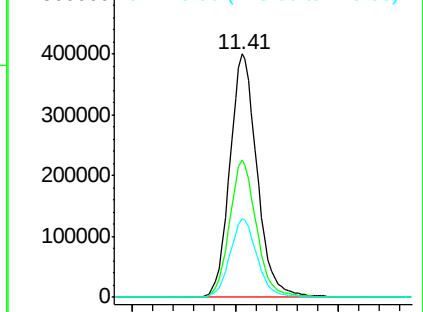
119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054952.D

Acq: 4 Apr 2019 17:18

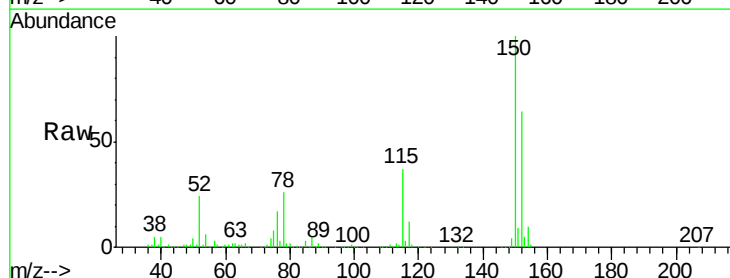
Tgt Ion:152 Resp: 269611

Ion Ratio Lower Upper

152 100

115 57.1 28.9 86.8

150 157.0 0.0 345.4



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

