

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053808.D
 Acq On : 15 Feb 2019 18:52
 Operator : JC/SP
 Sample : K1358-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-021419

Quant Time: Feb 16 00:14:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

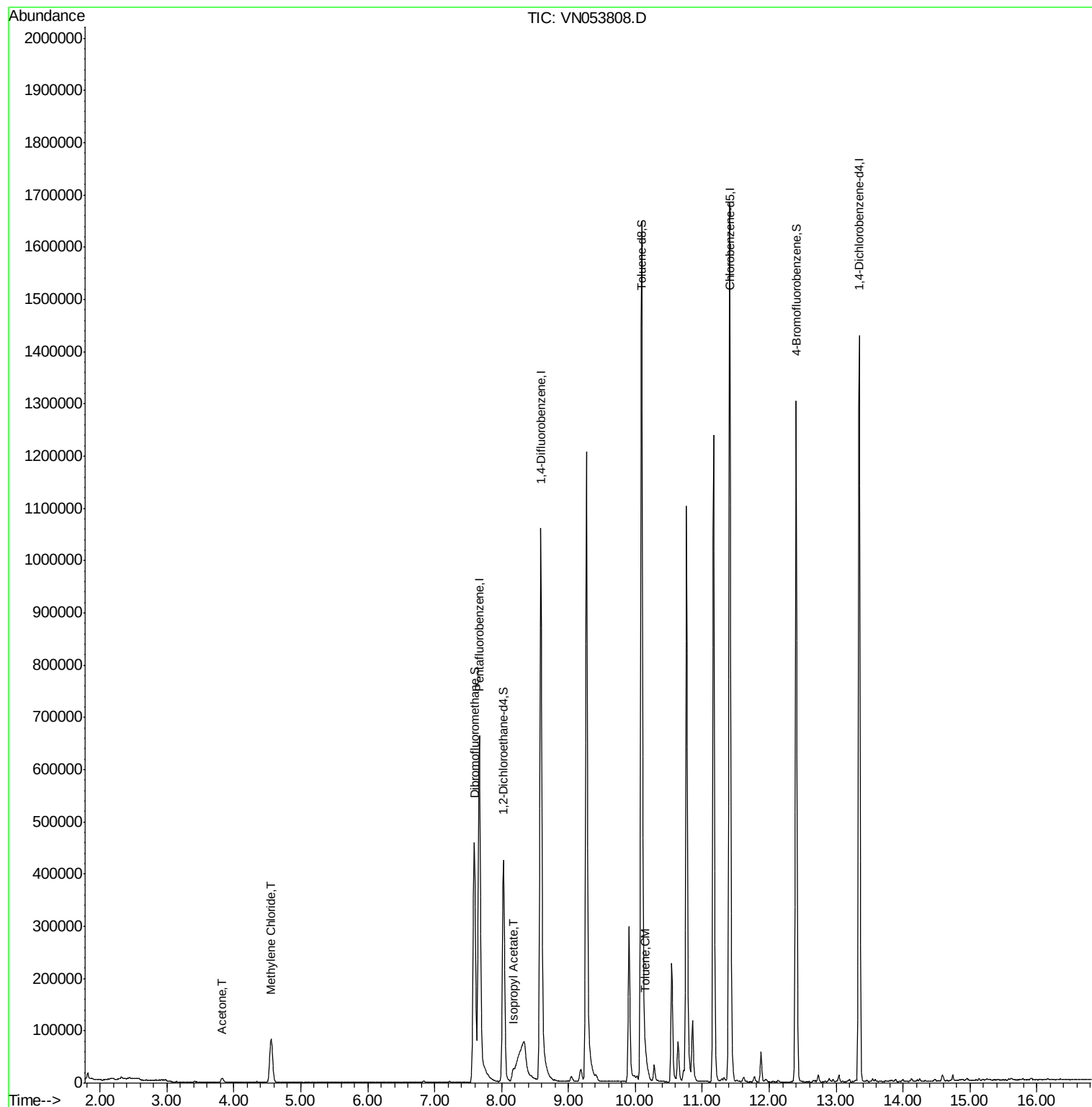
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	672085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1138419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1139362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	427299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	364344	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
35) Dibromofluoromethane	7.59	113	365746	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.09	98	1396098	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.40	95	457856	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
Target Compounds						
16) Acetone	3.82	43	14295	8.266	ug/l	100
20) Methylene Chloride	4.56	84	68876	9.493	ug/l	94
43) Isopropyl Acetate	8.18	43	29008	2.621	ug/l #	81
52) Toluene	10.15	92	4324	0.230	ug/l	98

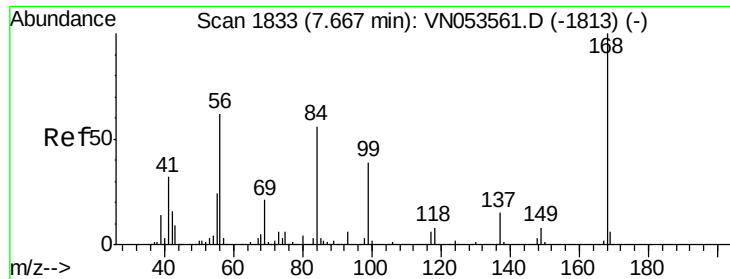
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
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Quant Time: Feb 16 00:14:32 2019
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053808.D

Acq: 15 Feb 2019 18:52

Instrument :

MSVOA_N

ClientSampled :

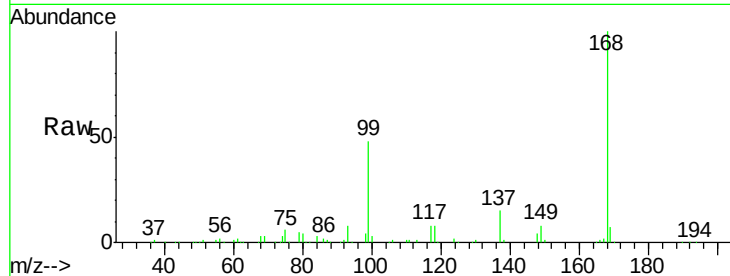
TR-04-021419

Tot Ion:168 Resp: 672085

Ion Ratio Lower Upper

168 100

99 48.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

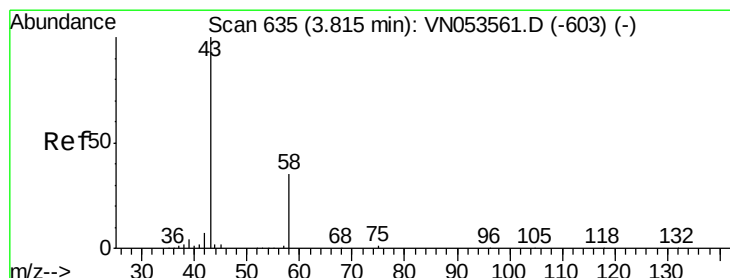
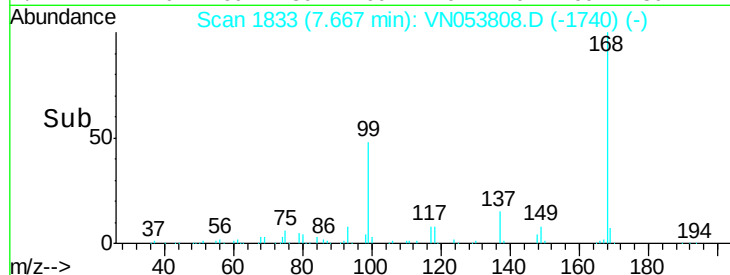
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 8.266 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053808.D

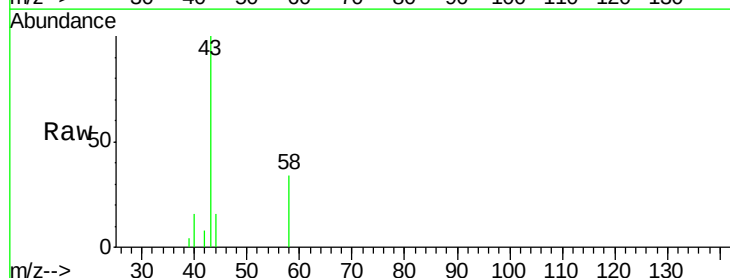
Acq: 15 Feb 2019 18:52

Tgt Ion: 43 Resp: 14295

Ion Ratio Lower Upper

43 100

58 34.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

3000

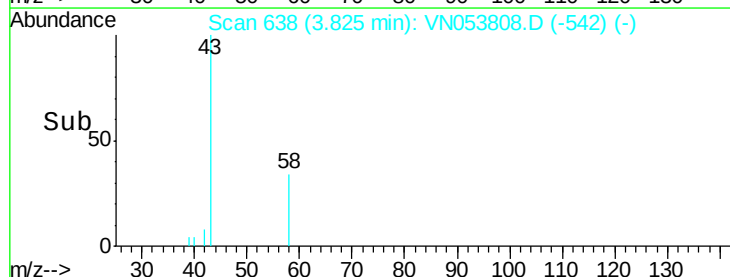
2000

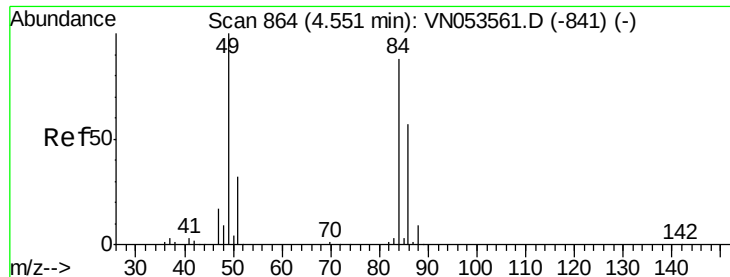
1000

0

Time-->

3.75 3.80 3.85 3.90

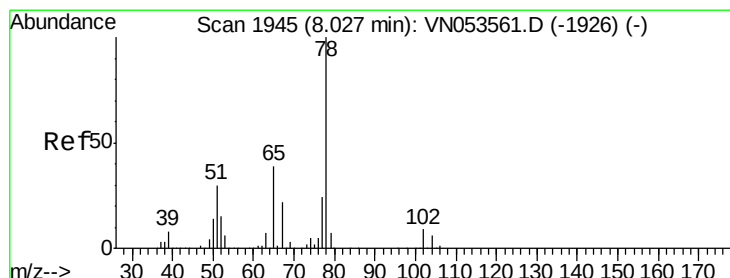
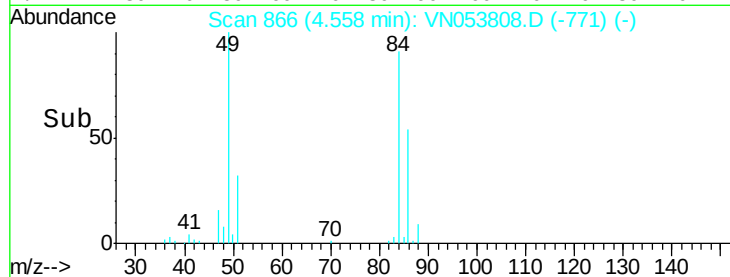
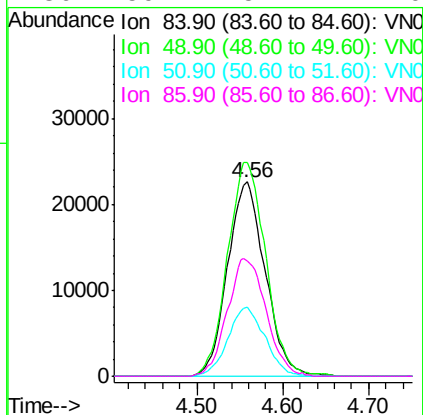
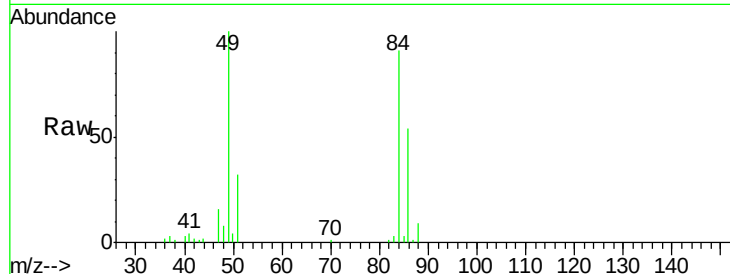




#20
Methylene Chloride
Concen: 9.493 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053808.D
Acq: 15 Feb 2019 18:52

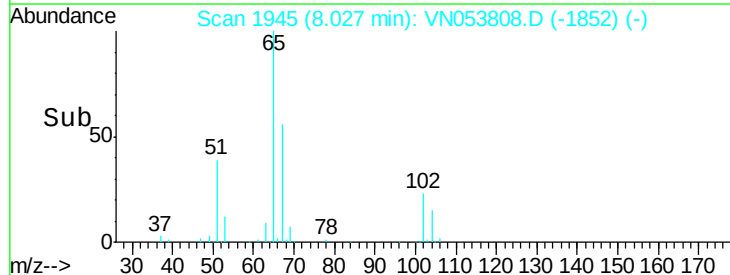
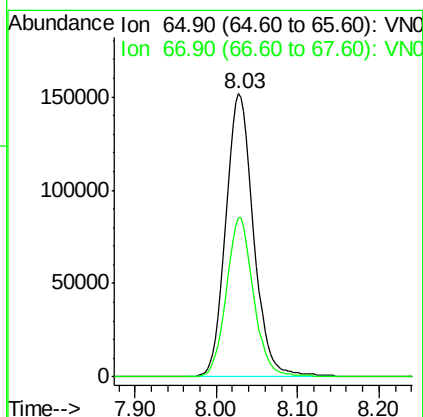
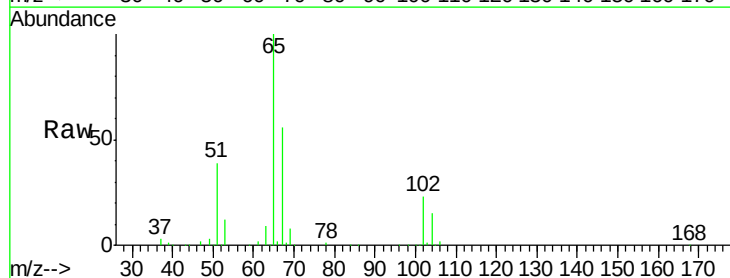
Instrument :
MSVOA_N
ClientSampleId :
TR-04-021419

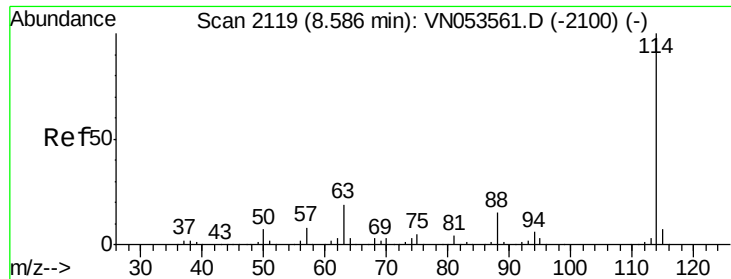
Tot Ion:	84	Resp:	68876
Ion	Ratio	Lower	Upper
84	100		
49	110.1	94.3	141.5
51	35.4	29.4	44.2
86	59.4	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 54.039 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053808.D
Acq: 15 Feb 2019 18:52

Tgt Ion:	65	Resp:	364344
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.2

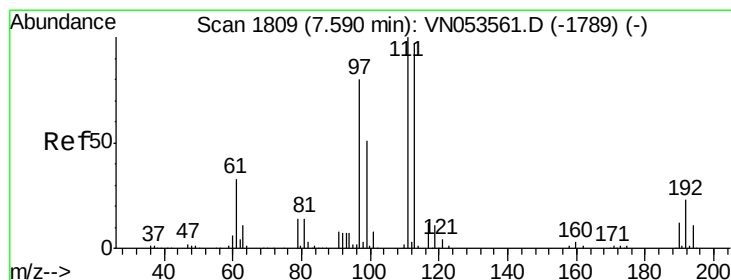
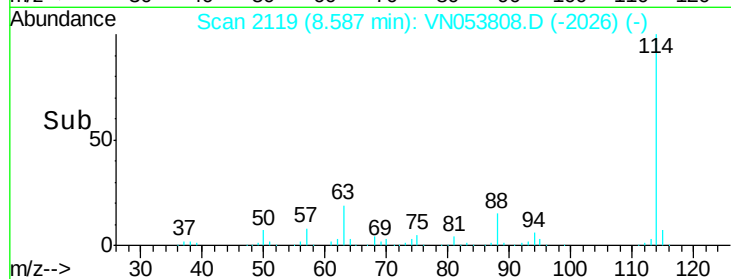
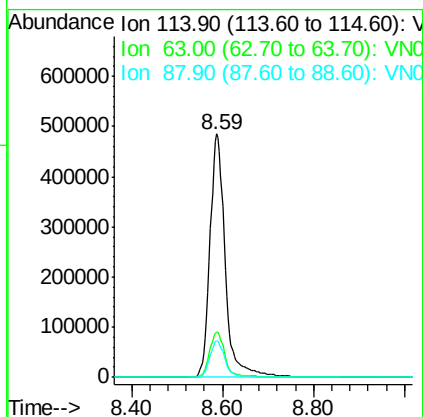
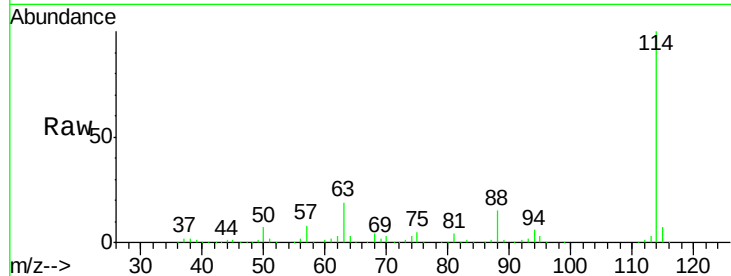




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053808.D
 Acq: 15 Feb 2019 18:52

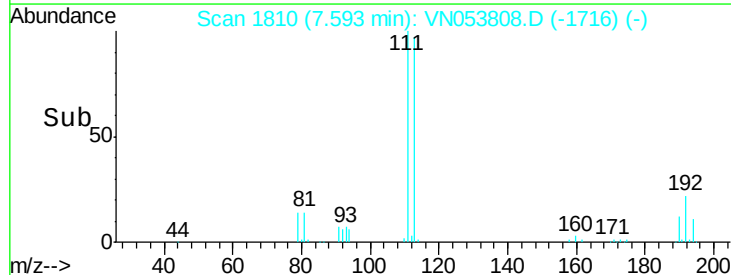
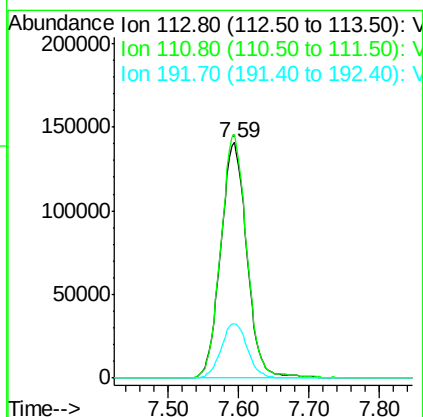
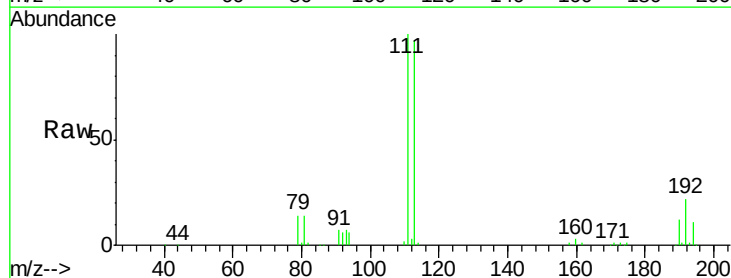
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-021419

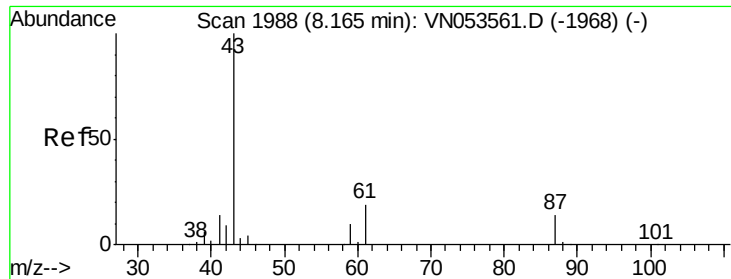
Tot Ion:114 Resp: 1138419
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.1 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.845 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053808.D
 Acq: 15 Feb 2019 18:52

Tgt Ion:113 Resp: 365746
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.1 121.7
 192 23.4 18.2 27.2





#43

Isopropyl Acetate

Concen: 2.621 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053808.D

Acq: 15 Feb 2019 18:52

Instrument :

MSVOA_N

ClientSampleId :

TR-04-021419

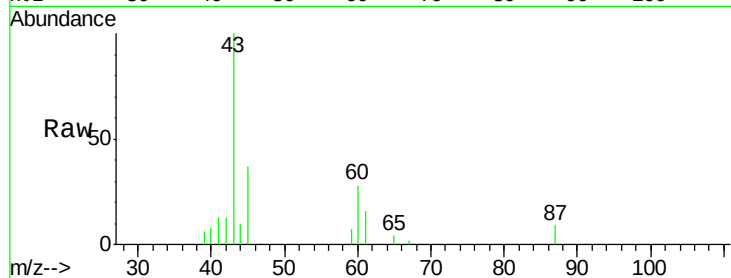
Tot Ion: 43 Resp: 29008

Ion Ratio Lower Upper

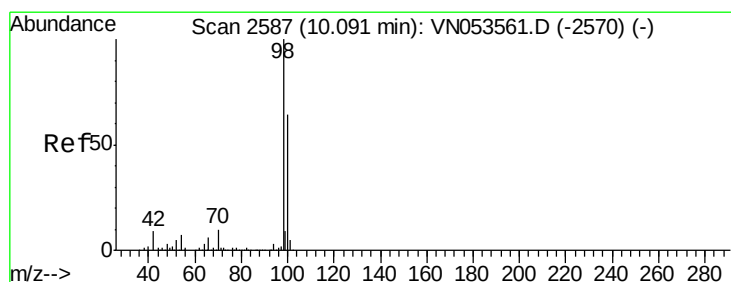
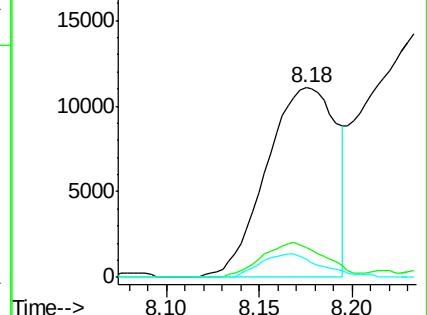
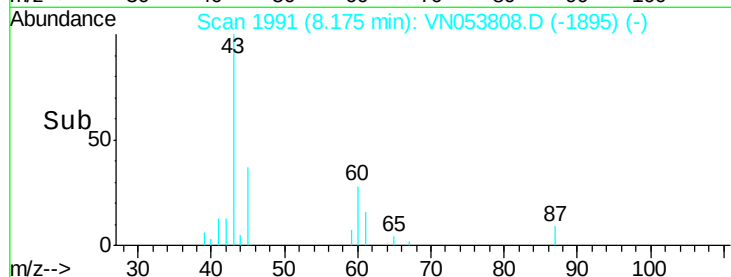
43 100

61 16.6 23.9 35.9#

87 10.9 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053808.D (-1895) (-)



#50

Toluene-d8

Concen: 51.689 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053808.D

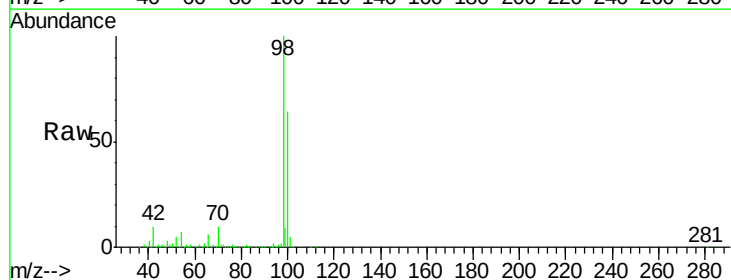
Acq: 15 Feb 2019 18:52

Tgt Ion: 98 Resp: 1396098

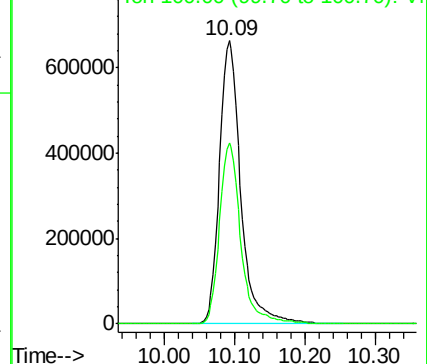
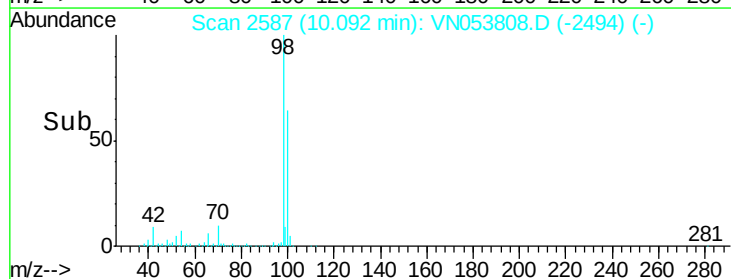
Ion Ratio Lower Upper

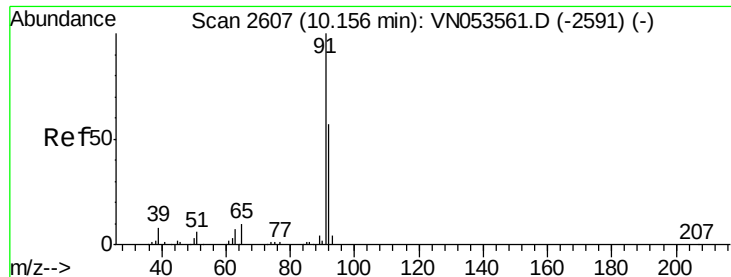
98 100

100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053808.D (-2494) (-)





#52

Toluene

Concen: 0.230 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN053808.D

Acq: 15 Feb 2019 18:52

Instrument :

MSVOA_N

ClientSampleId :

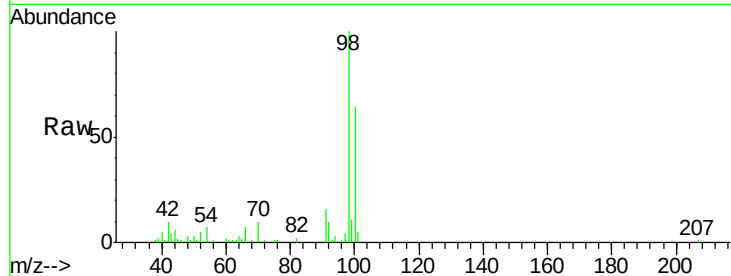
TR-04-021419

Tot Ion: 92 Resp: 4324

Ion Ratio Lower Upper

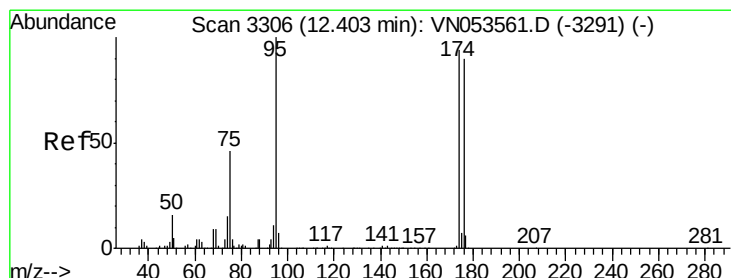
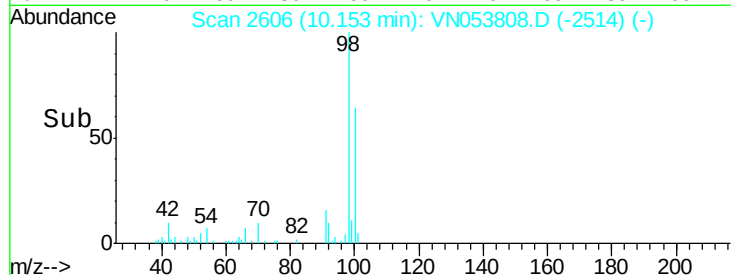
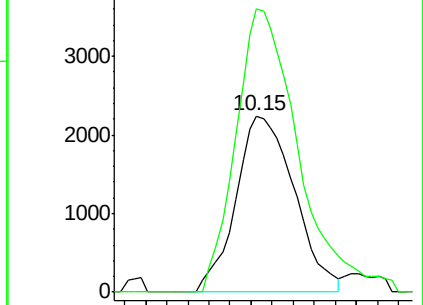
92 100

91 172.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 50.827 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053808.D

Acq: 15 Feb 2019 18:52

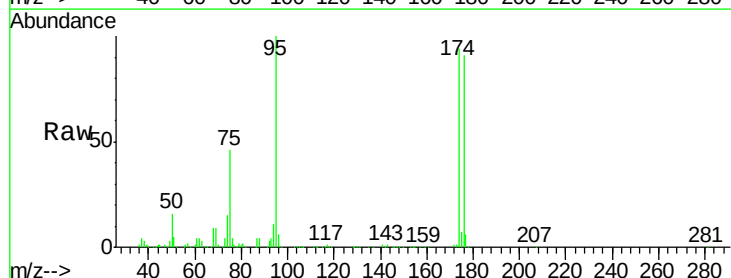
Tgt Ion: 95 Resp: 457856

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.2

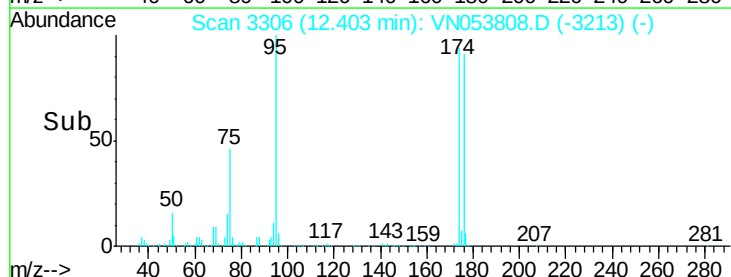
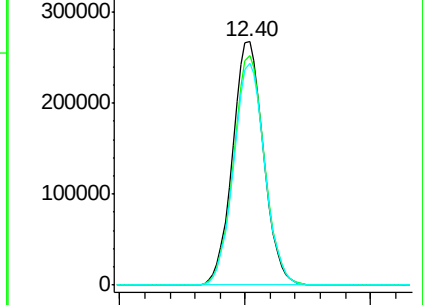
176 91.6 0.0 177.4

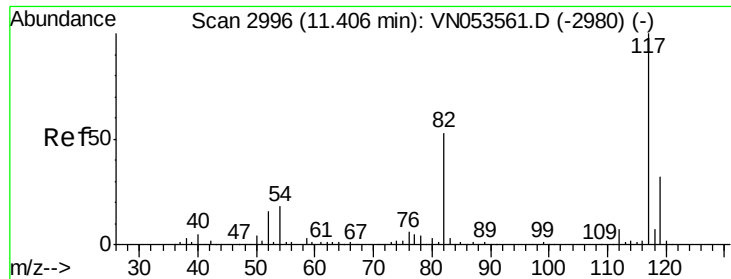


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053808.D

Acq: 15 Feb 2019 18:52

Instrument :

MSVOA_N

ClientSampled :

TR-04-021419

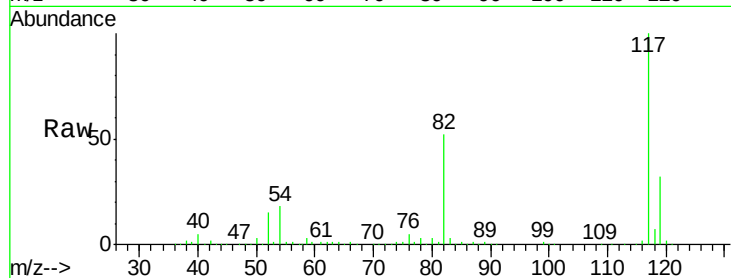
Tot Ion:117 Resp: 1139362

Ion Ratio Lower Upper

117 100

82 52.2 42.9 64.3

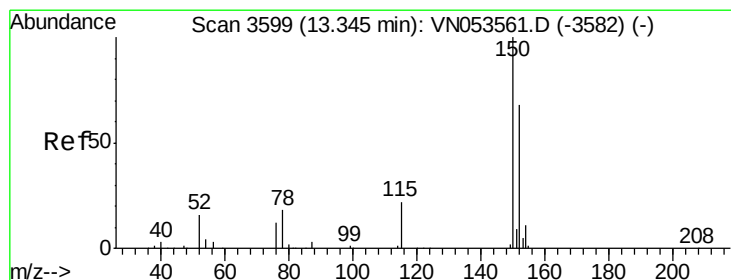
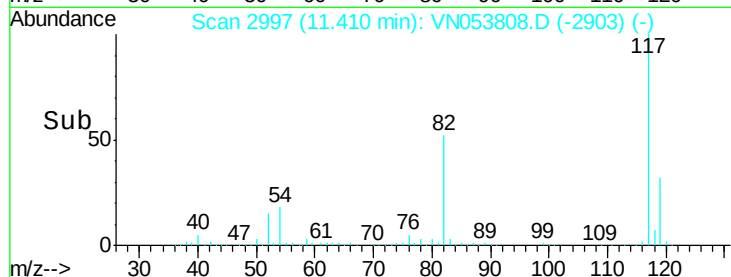
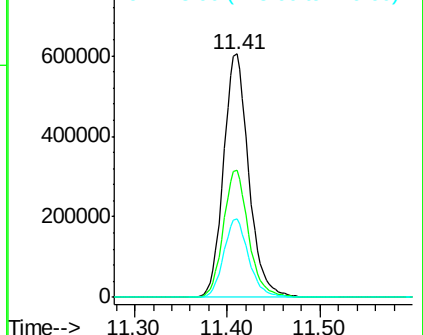
119 32.1 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053808.D

Acq: 15 Feb 2019 18:52

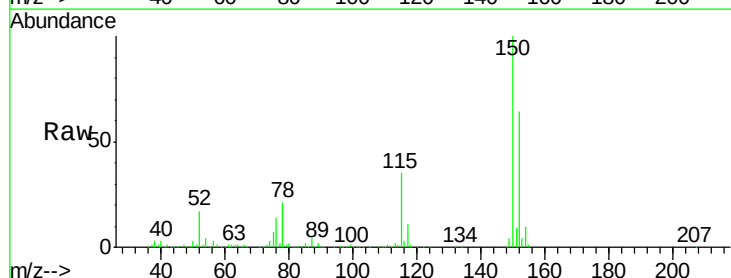
Tgt Ion:152 Resp: 427299

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

150 156.4 0.0 349.0



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

