

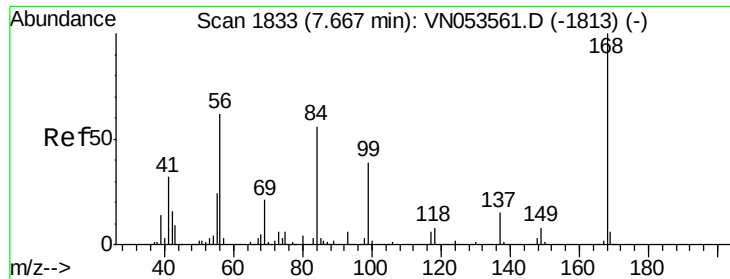
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053800.D
 Acq On : 15 Feb 2019 15:18
 Operator : JC/SP
 Sample : K1500-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 G-021419

Quant Time: Feb 16 00:00:43 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	661960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1178044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1043181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357803	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
35) Dibromofluoromethane	7.59	113	354117	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	10.09	98	1432454	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	444559	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
Target Compounds						
16) Acetone	3.82	43	15896	9.332	ug/l	94
20) Methylene Chloride	4.55	84	1874485	262.301	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	12296	0.501	ug/l	99
95) Naphthalene	15.13	128	11429	2.344	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053800.D

Acq: 15 Feb 2019 15:18

Instrument :

MSVOA_N

ClientSampled :

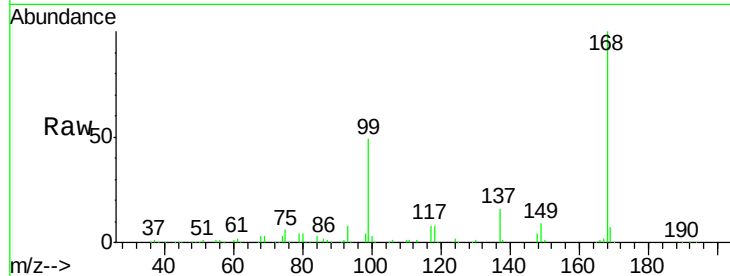
G-021419

Tot Ion:168 Resp: 661960

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

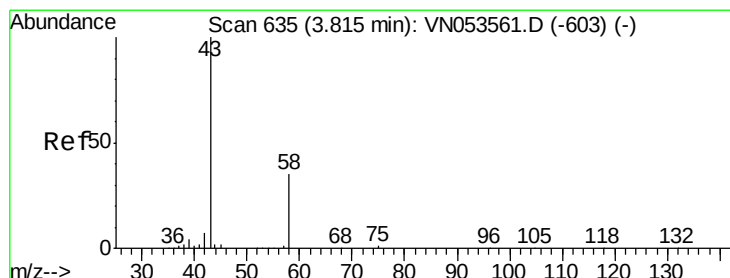
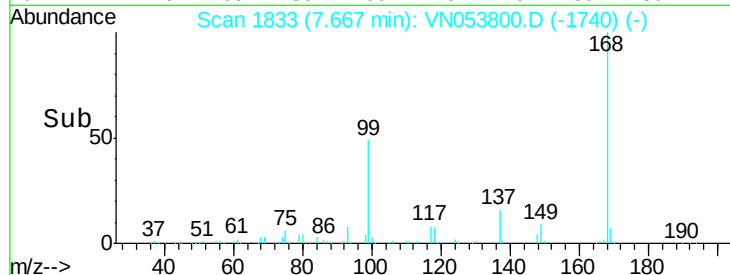
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 9.332 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053800.D

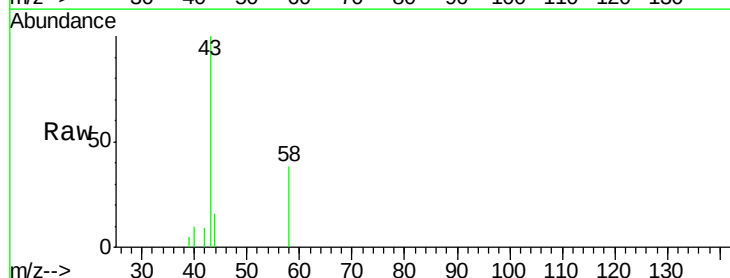
Acq: 15 Feb 2019 15:18

Tgt Ion: 43 Resp: 15896

Ion Ratio Lower Upper

43 100

58 37.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

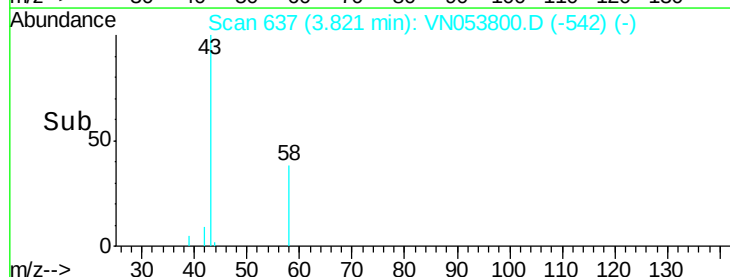
6000

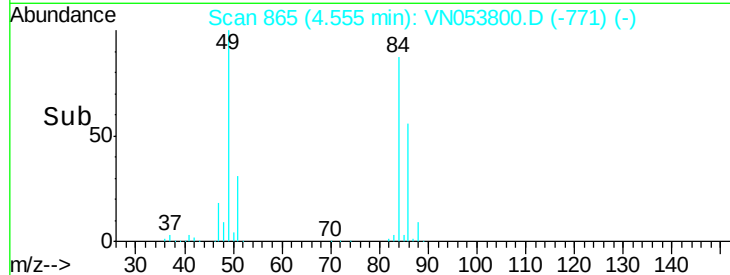
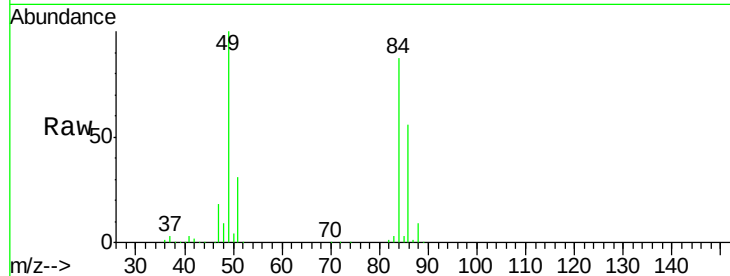
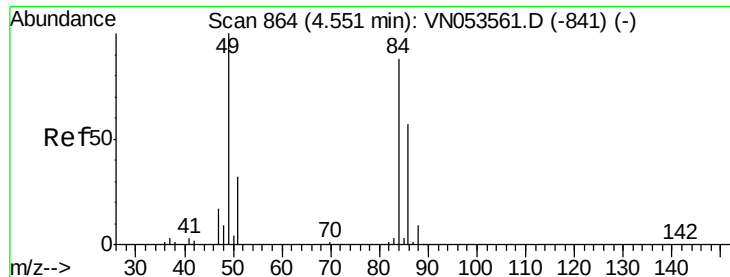
4000

2000

0

Time--> 3.75 3.80 3.85 3.90



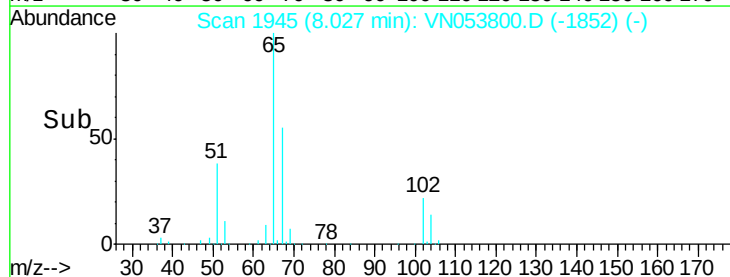
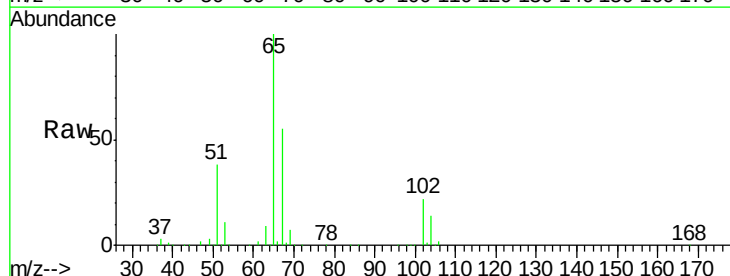
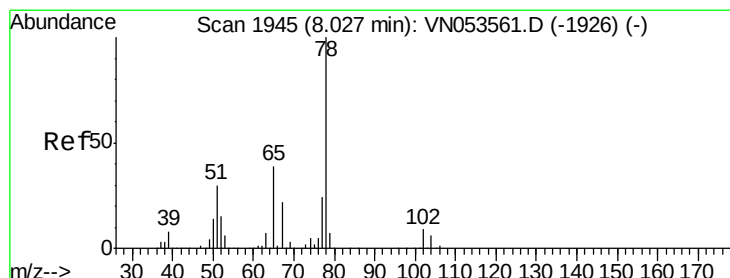
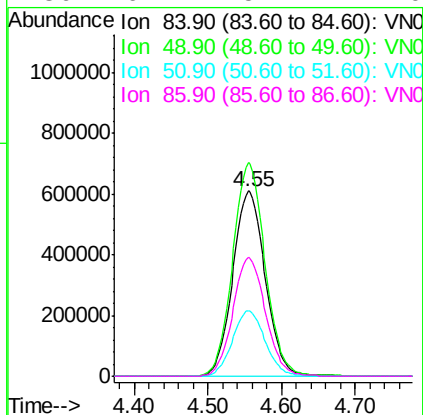


#20
Methylene Chloride
Concen: 262.301 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053800.D
Acq: 15 Feb 2019 15:18

Instrument :
MSVOA_N
ClientSampled :
G-021419

Tot Ion: 84 Resp: 1874485

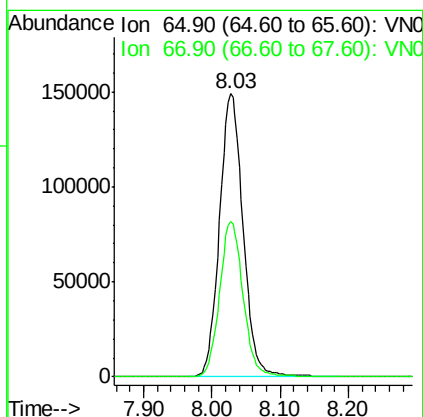
Ion	Ratio	Lower	Upper
84	100		
49	115.3	94.3	141.5
51	35.5	29.4	44.2
86	64.2	51.4	77.0

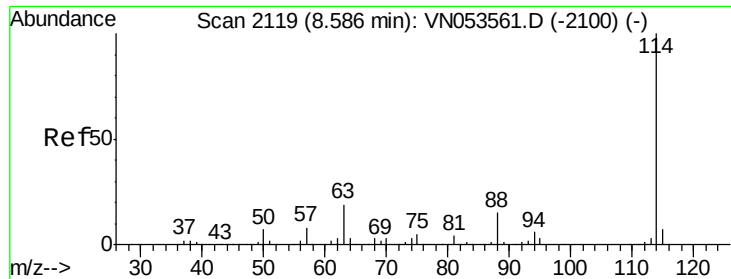


#33
1,2-Dichloroethane-d4
Concen: 53.880 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053800.D
Acq: 15 Feb 2019 15:18

Tgt Ion: 65 Resp: 357803

Ion	Ratio	Lower	Upper
65	100		
67	54.6	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: VN053800.D

Acq: 15 Feb 2019 15:18

Instrument :

MSVOA_N

ClientSampleId :

G-021419

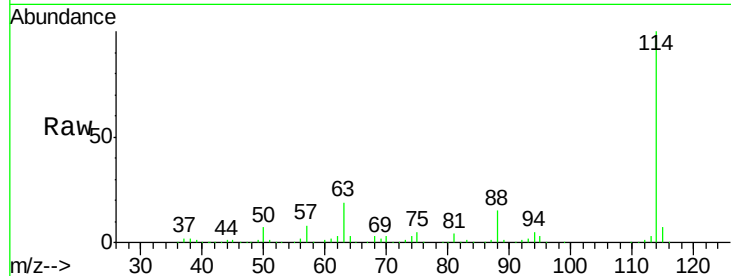
Tot Ion:114 Resp: 1178044

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.6

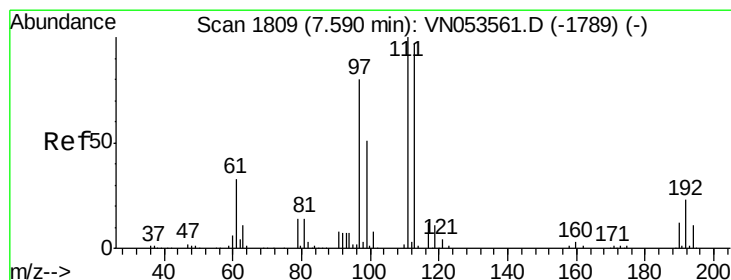
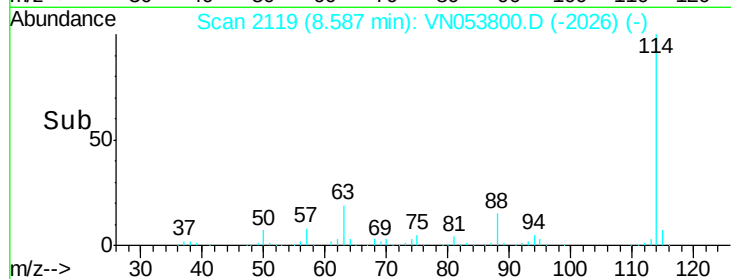
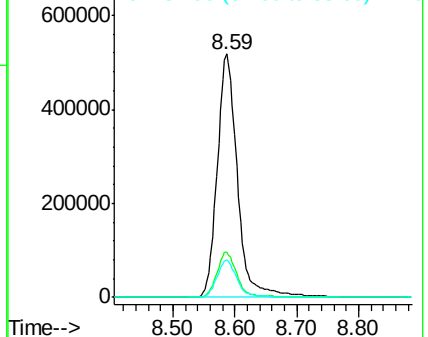
88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.573 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053800.D

Acq: 15 Feb 2019 15:18

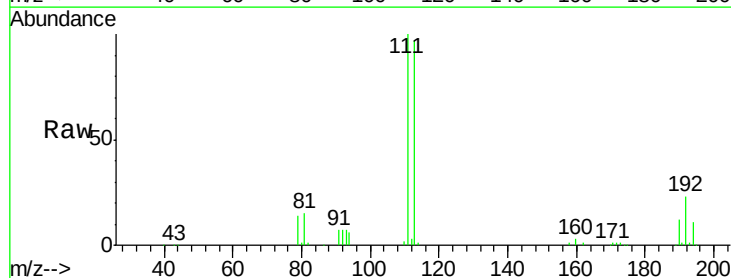
Tgt Ion:113 Resp: 354117

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

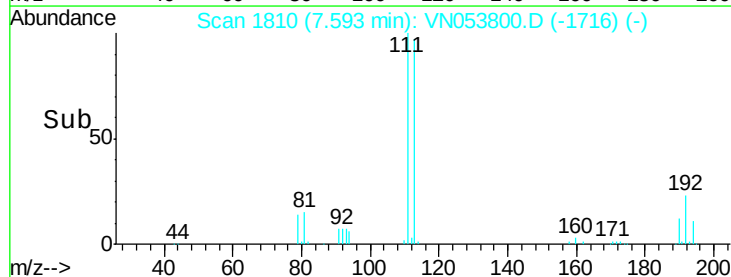
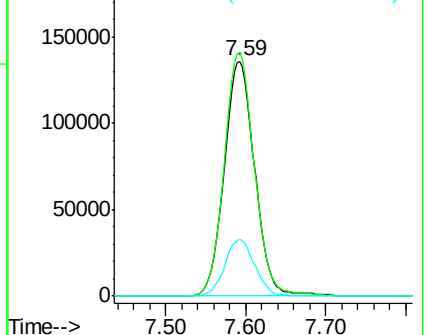
192 23.8 18.2 27.2

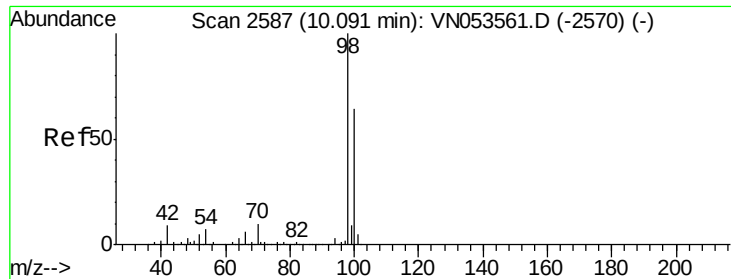


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.251 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053800.D

Acq: 15 Feb 2019 15:18

Instrument :

MSVOA_N

ClientSampleId :

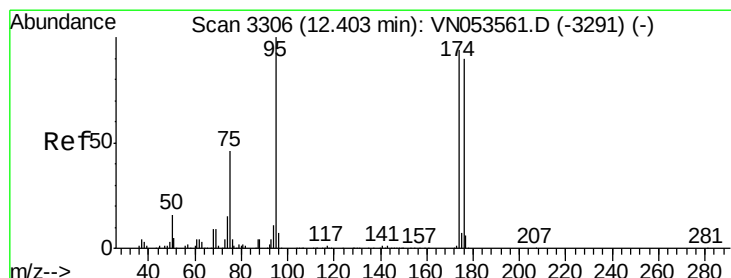
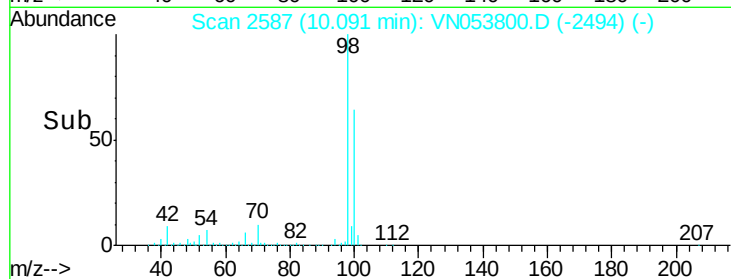
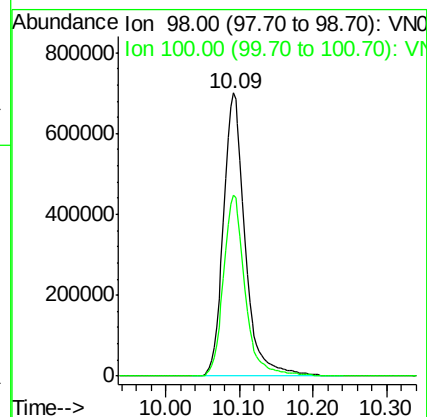
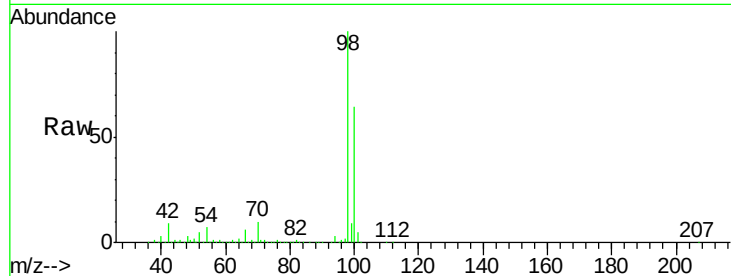
G-021419

Tot Ion: 98 Resp: 1432454

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 47.691 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053800.D

Acq: 15 Feb 2019 15:18

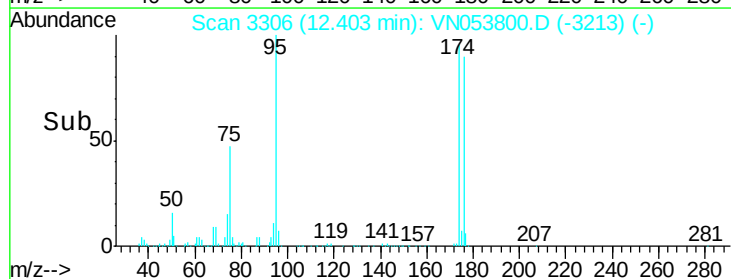
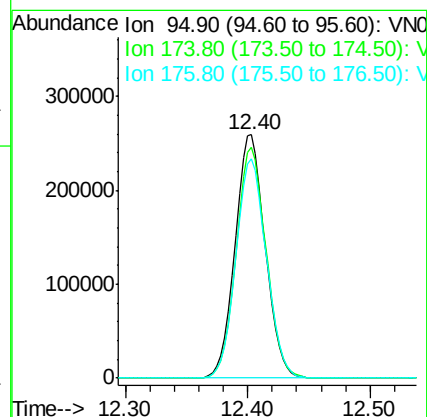
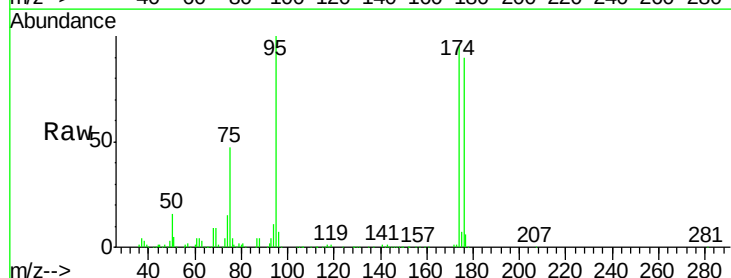
Tgt Ion: 95 Resp: 444559

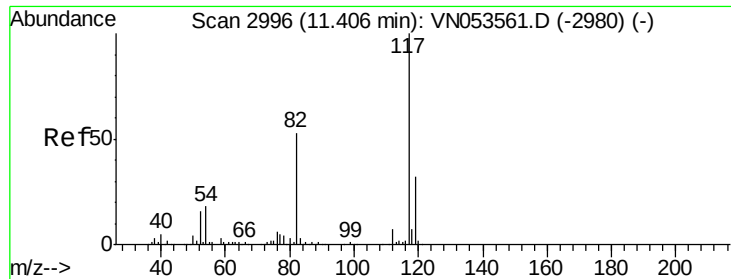
Ion Ratio Lower Upper

95 100

174 94.2 0.0 183.2

176 91.0 0.0 177.4

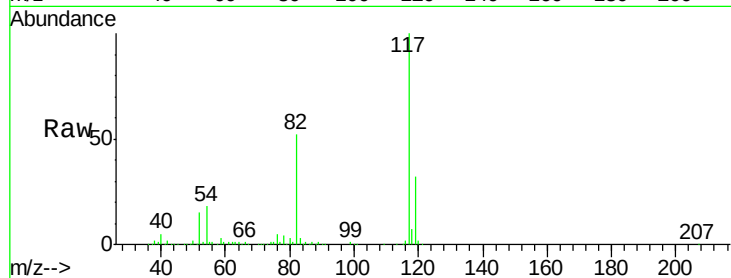




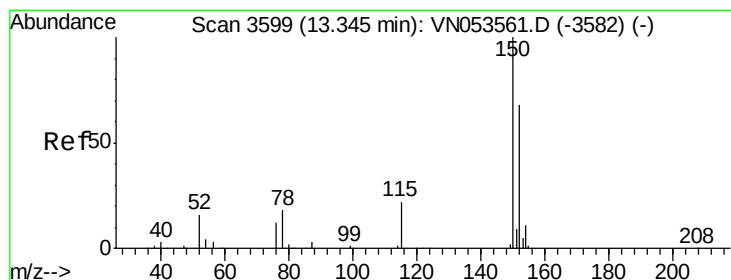
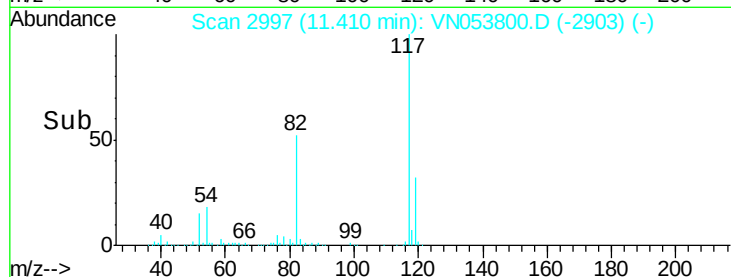
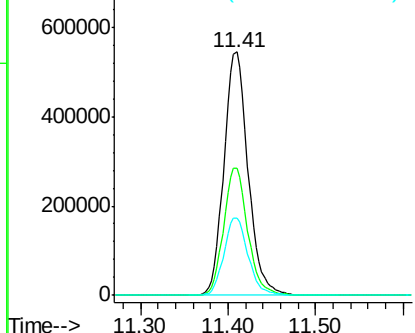
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053800.D
Acq: 15 Feb 2019 15:18

Instrument :
MSVOA_N
ClientSampleId :
G-021419

Tot Ion:117 Resp: 1043181
Ion Ratio Lower Upper
117 100
82 52.0 42.9 64.3
119 31.9 26.0 39.0

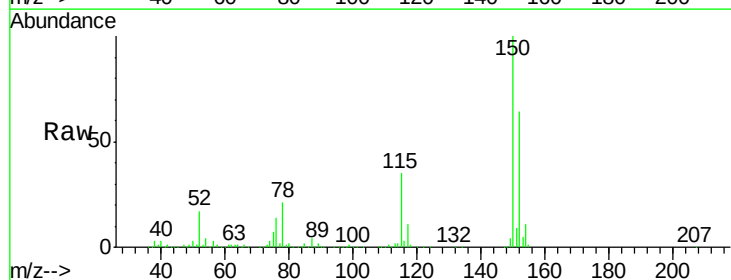


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

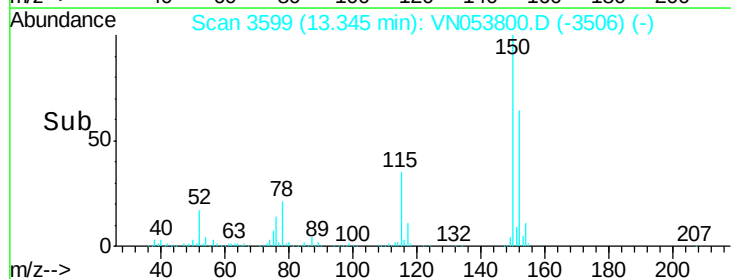
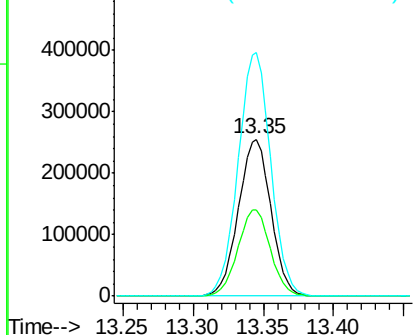


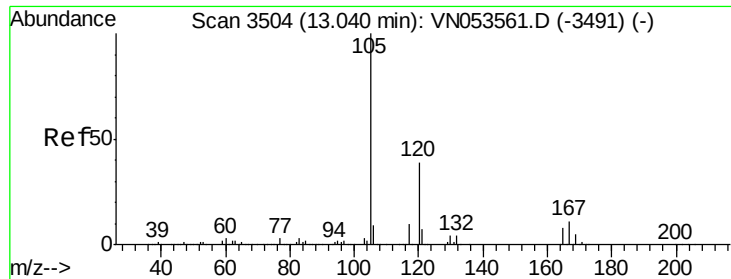
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053800.D
Acq: 15 Feb 2019 15:18

Tgt Ion:152 Resp: 413347
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.4
150 155.6 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





#84

1,2,4-Trimethylbenzene

Concen: 0.501 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053800.D

Acq: 15 Feb 2019 15:18

Instrument :

MSVOA_N

ClientSampled :

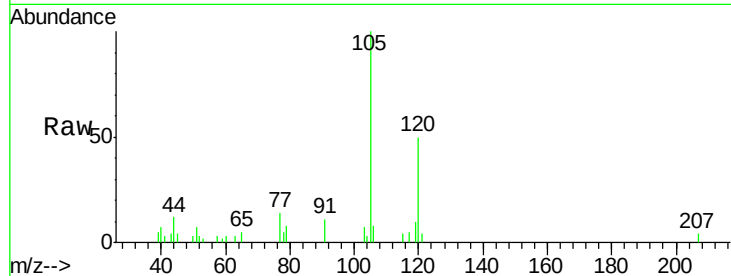
G-021419

Tot Ion:105 Resp: 12296

Ion Ratio Lower Upper

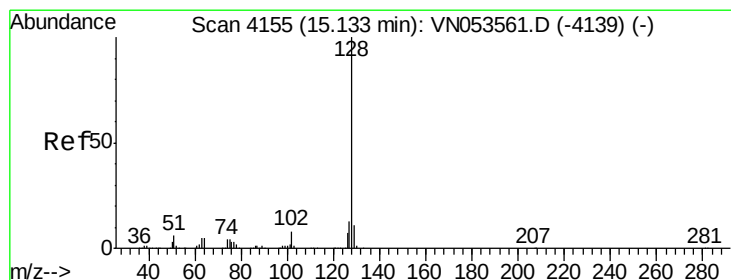
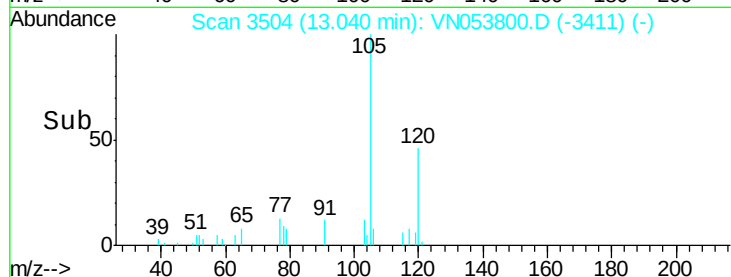
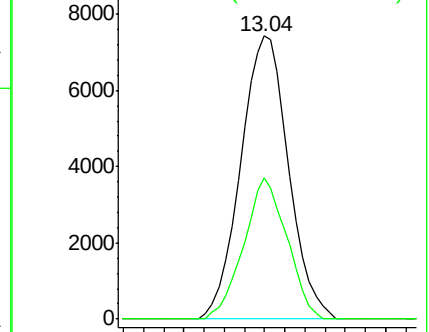
105 100

120 45.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 2.344 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053800.D

Acq: 15 Feb 2019 15:18

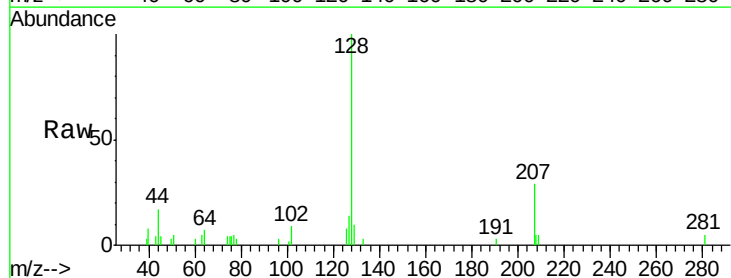
Tgt Ion:128 Resp: 11429

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.4 8.6 13.0



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

