

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011620\
 Data File : VN059736.D
 Acq On : 16 Jan 2020 16:52
 Operator : JC/MD
 Sample : L1017-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-011520

Quant Time: Jan 17 08:10:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

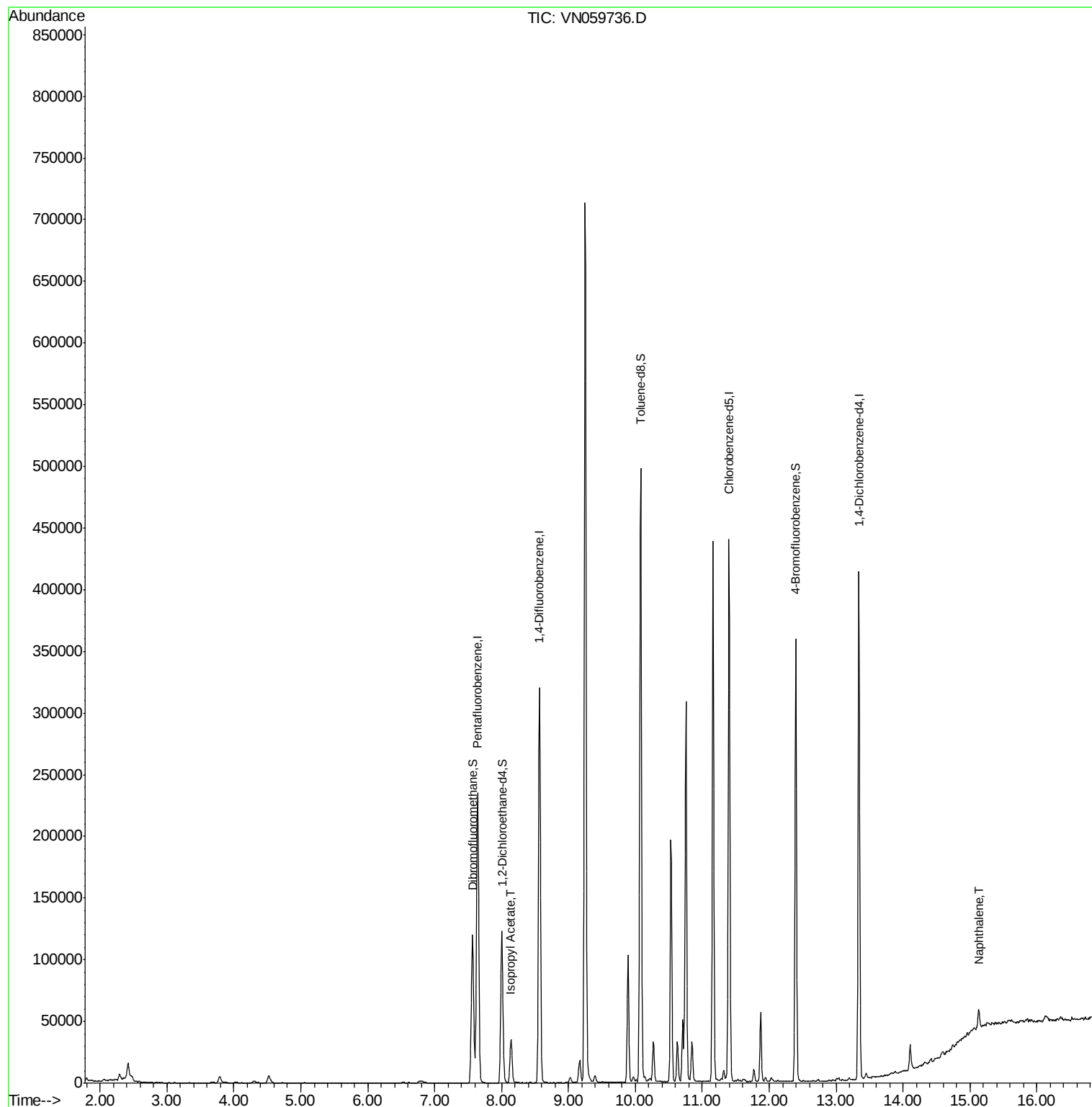
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	303412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103933	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
35) Dibromofluoromethane	7.57	113	91573	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	10.08	98	344848	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	118529	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	42490	9.968	ug/l	92
95) Naphthalene	15.13	128	14702	2.386	ug/l	98

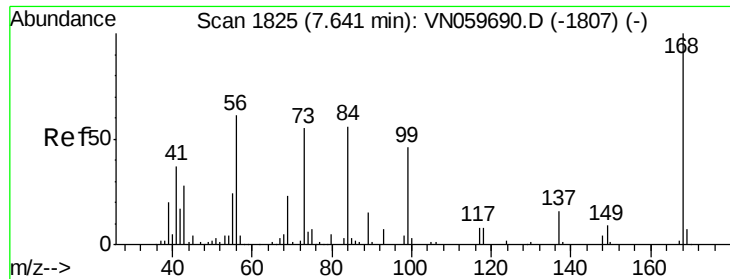
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059736.D

Acq: 16 Jan 2020 16:52

Instrument :

MSVOA_N

ClientSampleId :

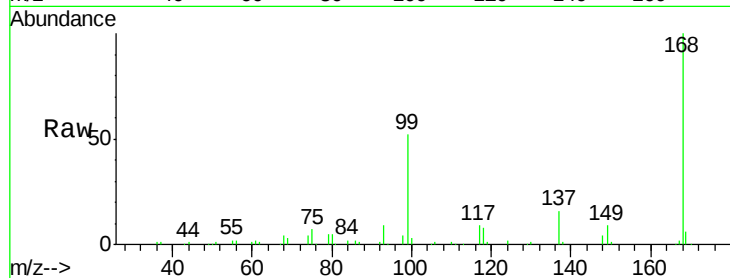
TR-05-011520

Tot Ion:168 Resp: 203727

Ion Ratio Lower Upper

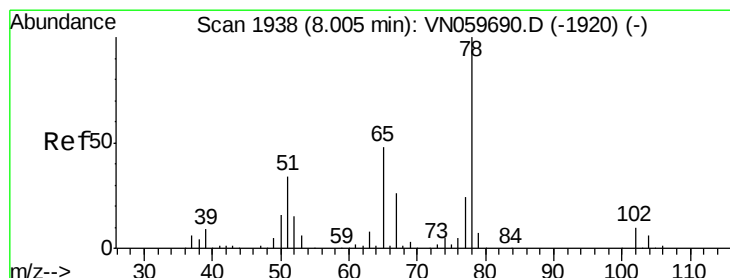
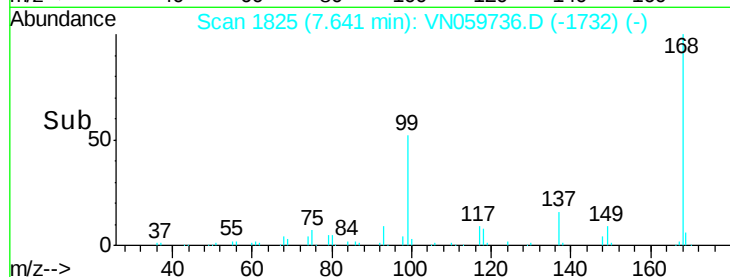
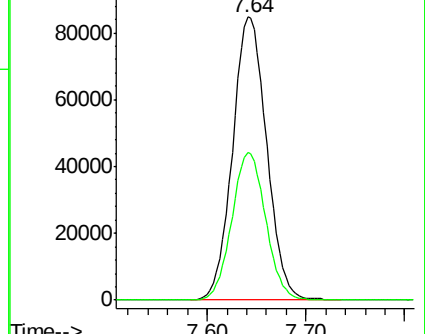
168 100

99 52.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 45.938 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059736.D

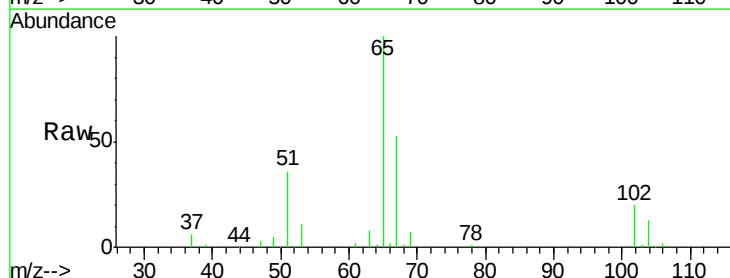
Acq: 16 Jan 2020 16:52

Tgt Ion: 65 Resp: 103933

Ion Ratio Lower Upper

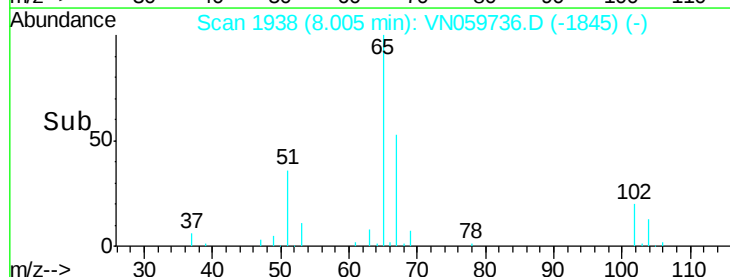
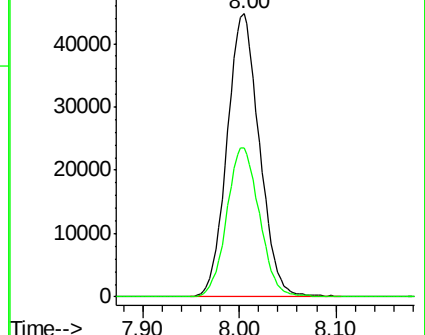
65 100

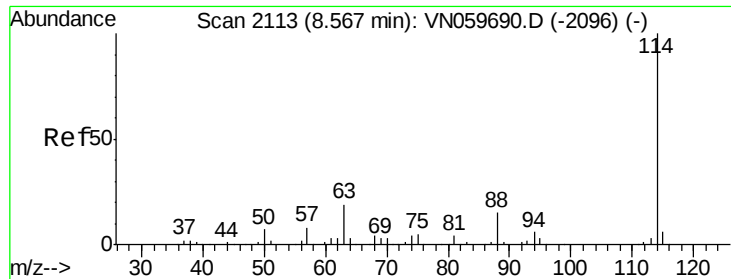
67 53.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

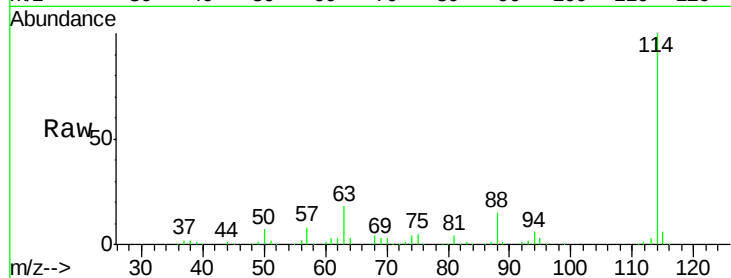




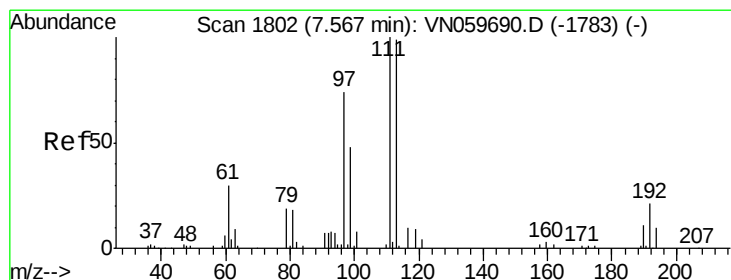
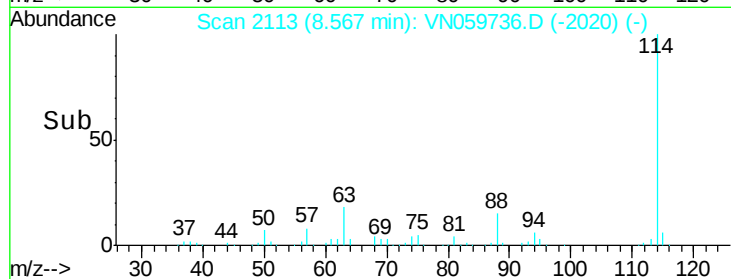
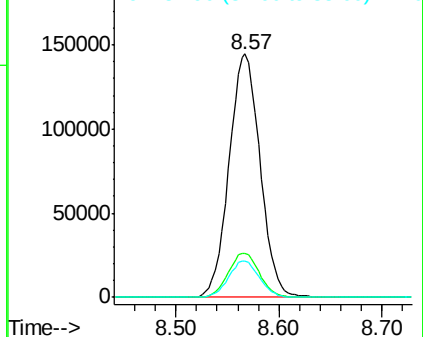
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059736.D
 Acq: 16 Jan 2020 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-011520

Tot Ion:114 Resp: 303412
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 43.6
 88 15.1 0.0 31.4

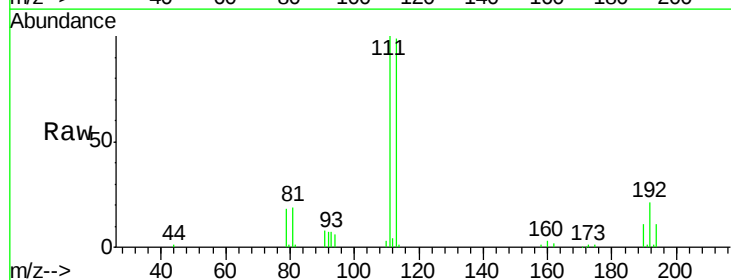


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

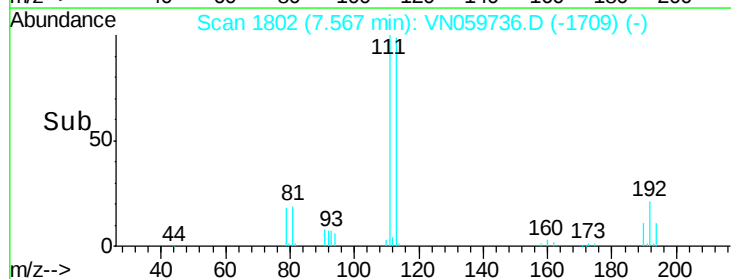
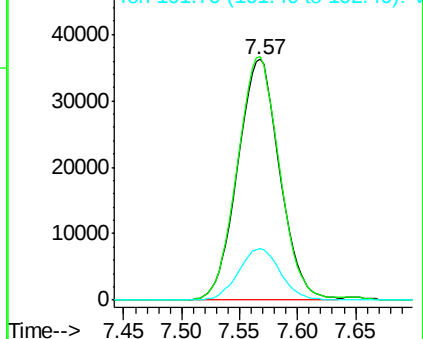


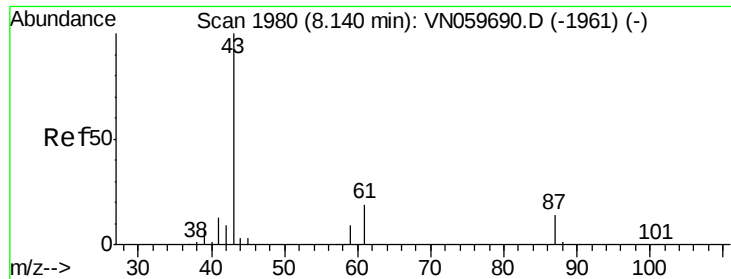
#35
 Dibromofluoromethane
 Concen: 50.610 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059736.D
 Acq: 16 Jan 2020 16:52

Tgt Ion:113 Resp: 91573
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.5 125.3
 192 21.2 15.4 23.2



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





#43

Isopropyl Acetate

Concen: 9.968 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059736.D

Acq: 16 Jan 2020 16:52

Instrument :

MSVOA_N

ClientSampleId :

TR-05-011520

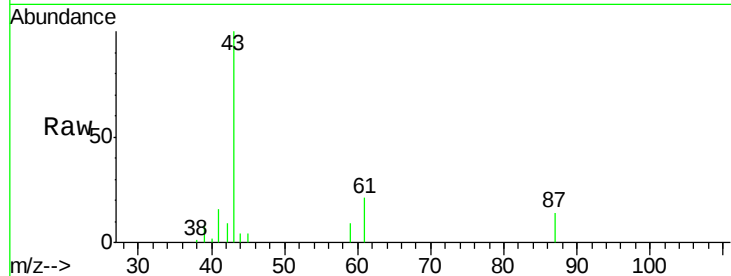
Tot Ion: 43 Resp: 42490

Ion Ratio Lower Upper

43 100

61 20.7 20.2 30.2

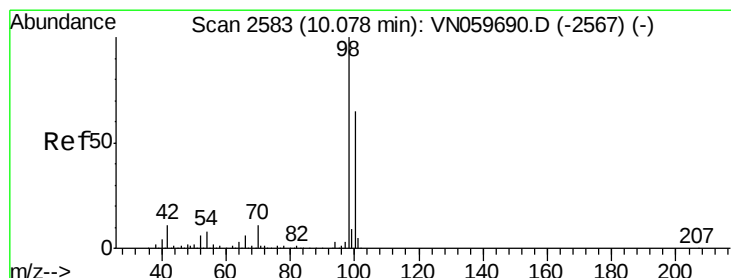
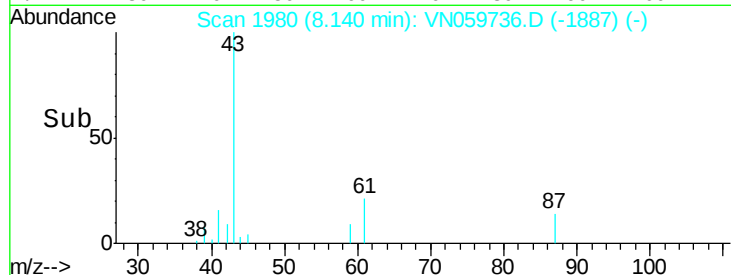
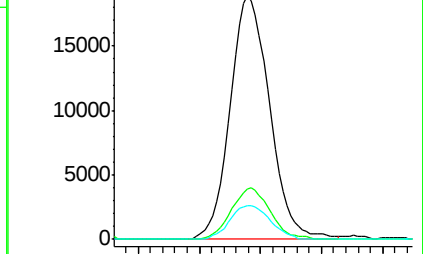
87 14.2 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059736.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059736.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059736.D (-1887) (-)



#50

Toluene-d8

Concen: 49.191 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059736.D

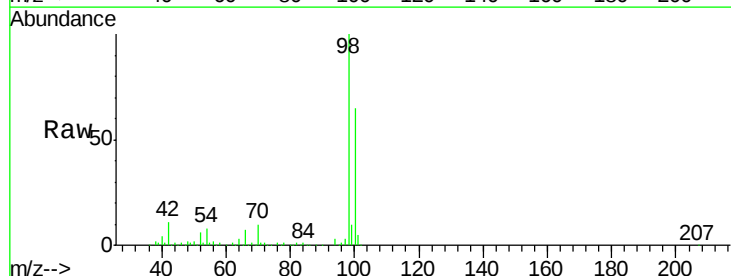
Acq: 16 Jan 2020 16:52

Tgt Ion: 98 Resp: 344848

Ion Ratio Lower Upper

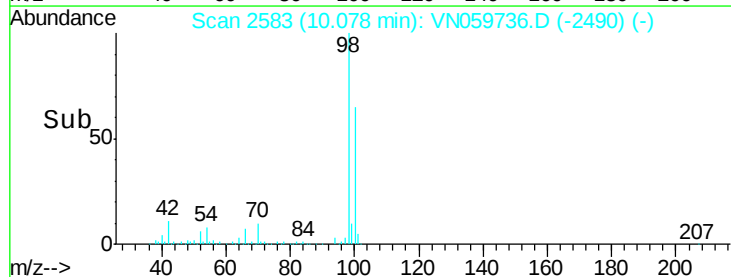
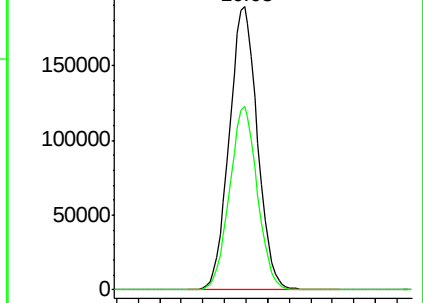
98 100

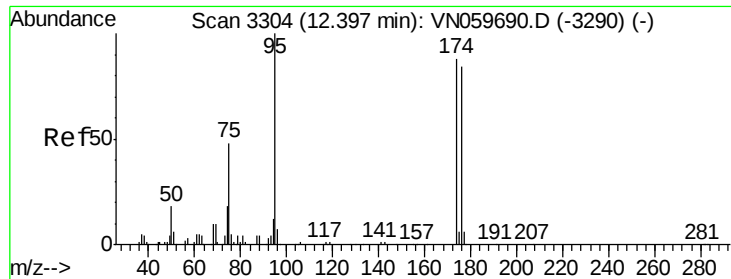
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059736.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059736.D (-2490) (-)

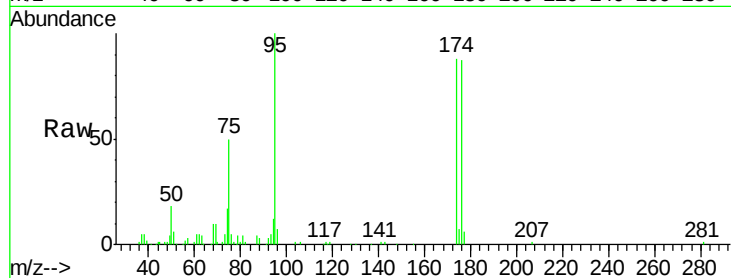




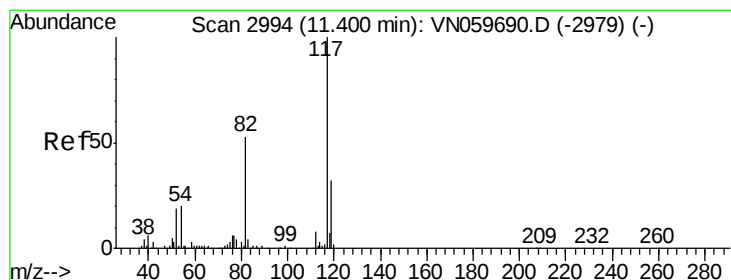
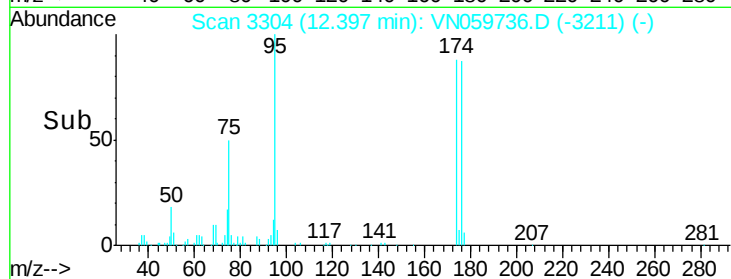
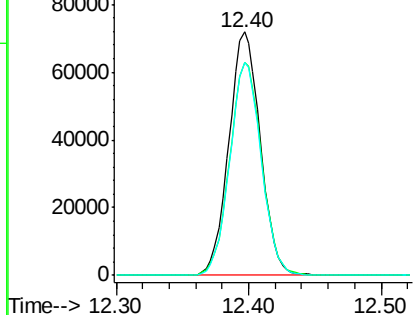
#62
4-Bromofluorobenzene
Concen: 46.900 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059736.D
Acq: 16 Jan 2020 16:52

Instrument :
MSVOA_N
ClientSampleId :
TR-05-011520

Tot Ion: 95 Resp: 118529
Ion Ratio Lower Upper
95 100
174 88.4 0.0 151.4
176 86.9 0.0 146.0

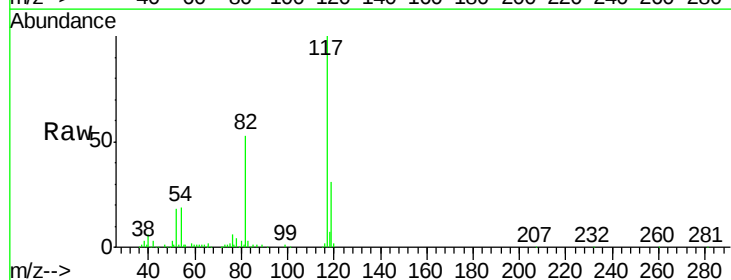


Abundance Ion 94.90 (94.60 to 95.60): VN059736.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN059736.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN059736.D (-3290) (-)

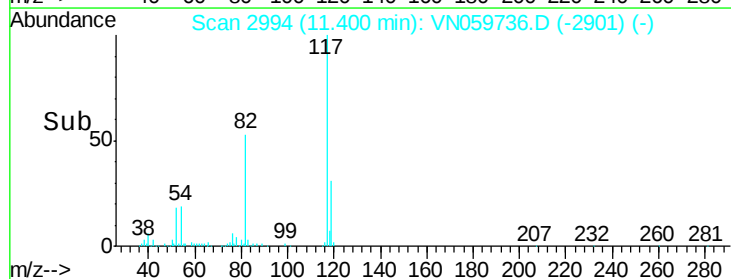
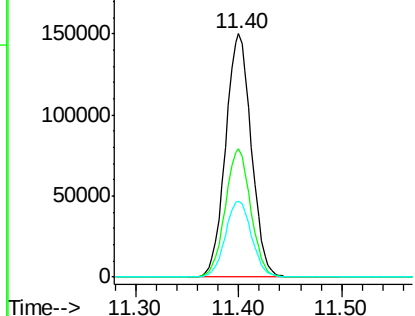


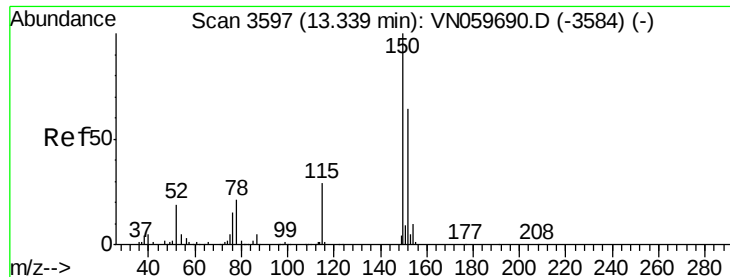
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059736.D
Acq: 16 Jan 2020 16:52

Tgt Ion: 117 Resp: 260444
Ion Ratio Lower Upper
117 100
82 52.8 45.9 68.9
119 31.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN059736.D (-2979) (-)
Ion 82.00 (81.70 to 82.70): VN059736.D (-2979) (-)
Ion 118.90 (118.60 to 119.60): VN059736.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059736.D

Acq: 16 Jan 2020 16:52

Instrument :

MSVOA_N

ClientSampled :

TR-05-011520

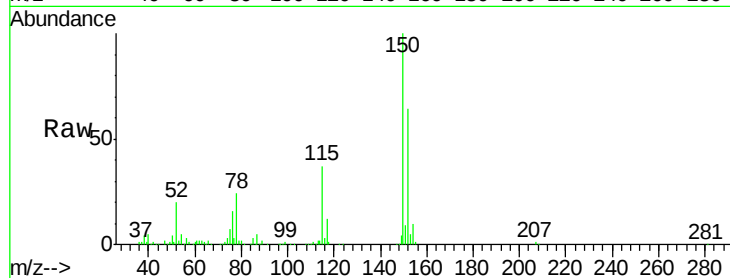
Tot Ion:152 Resp: 113039

Ion Ratio Lower Upper

152 100

115 57.6 30.3 90.9

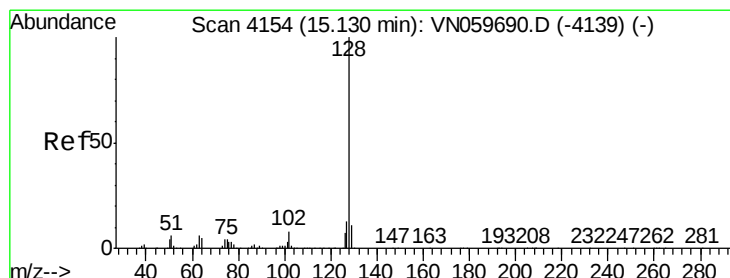
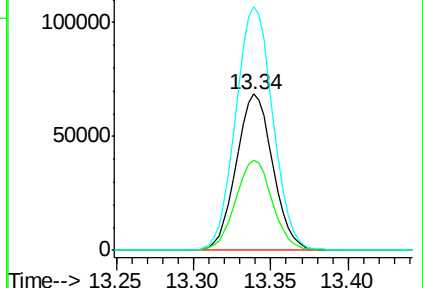
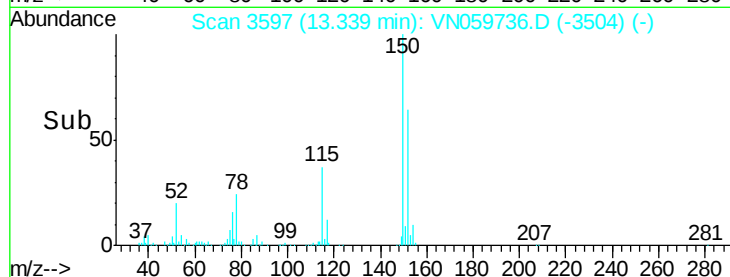
150 158.5 0.0 345.2



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: 2.386 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059736.D

Acq: 16 Jan 2020 16:52

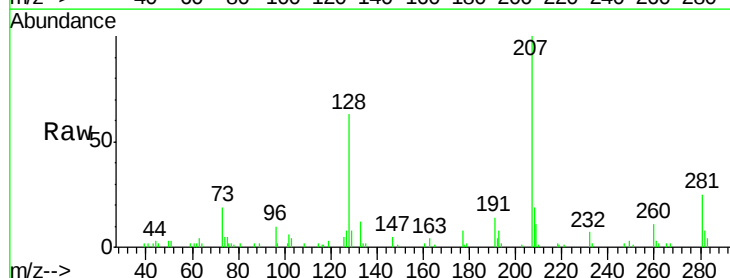
Tgt Ion:128 Resp: 14702

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.8 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

