

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021020\
 Data File : VN060042.D
 Acq On : 10 Feb 2020 13:40
 Operator : JC/MD
 Sample : L1456-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-337-290

Quant Time: Feb 11 07:36:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

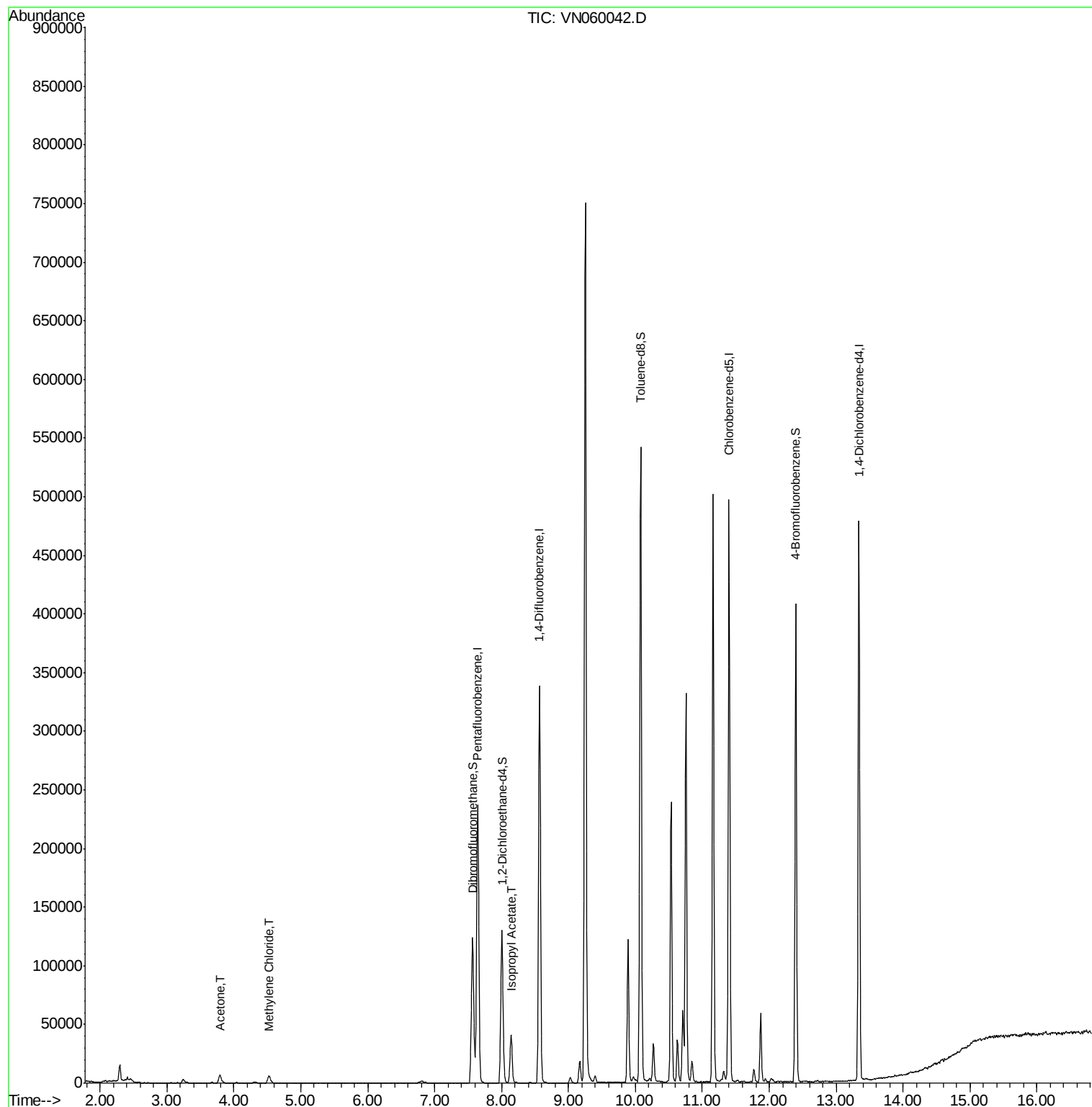
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	114714	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
35) Dibromofluoromethane	7.57	113	95110	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
50) Toluene-d8	10.08	98	375519	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.40	95	134666	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
Target Compounds						
16) Acetone	3.79	43	12075	6.169	ug/l	96
20) Methylene Chloride	4.53	84	4873	1.160	ug/l	88
43) Isopropyl Acetate	8.14	43	48577	11.065	ug/l	92

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

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ETGI-337-290

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QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060042.D

Acq: 10 Feb 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

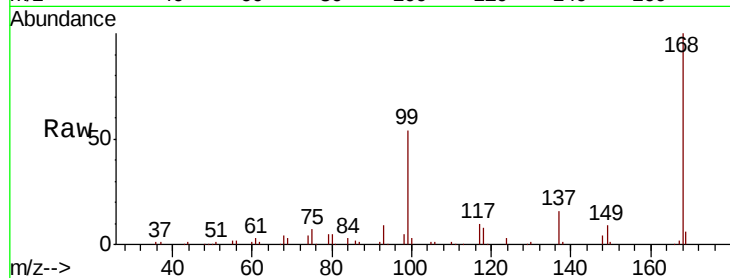
ETGI-337-290

Tot Ion:168 Resp: 200088

Ion Ratio Lower Upper

168 100

99 54.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

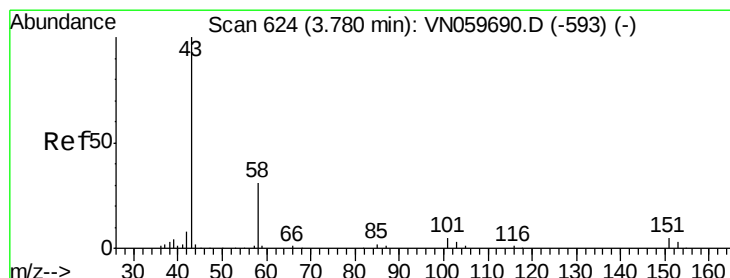
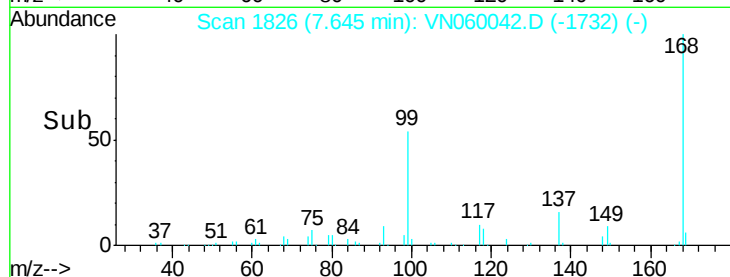
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.169 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060042.D

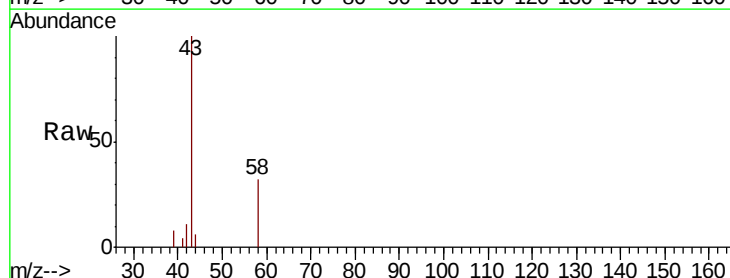
Acq: 10 Feb 2020 13:40

Tgt Ion: 43 Resp: 12075

Ion Ratio Lower Upper

43 100

58 31.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

5000

4000

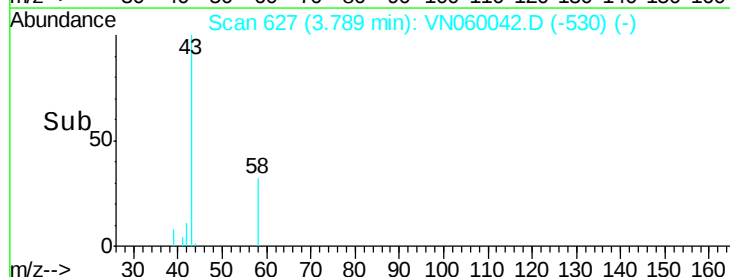
3000

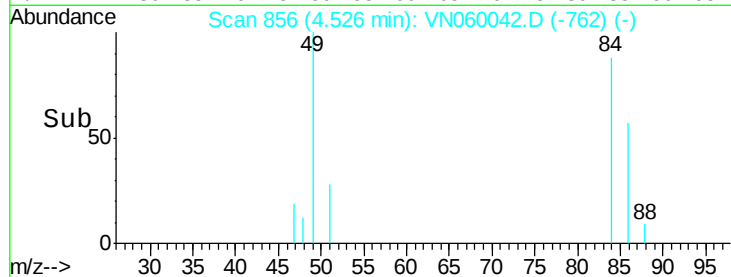
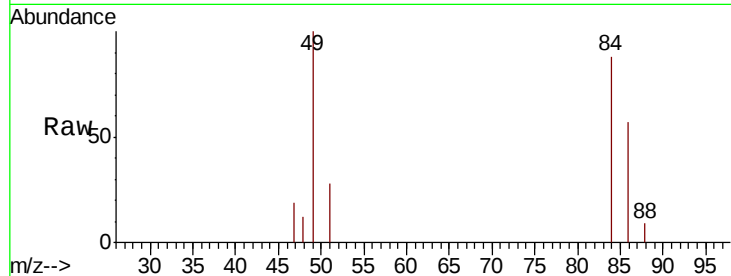
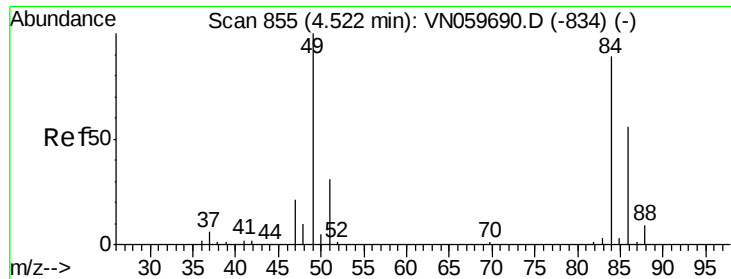
2000

1000

0

Time--> 3.70 3.80 3.90

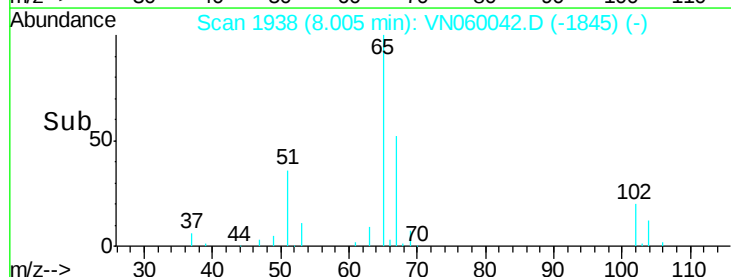
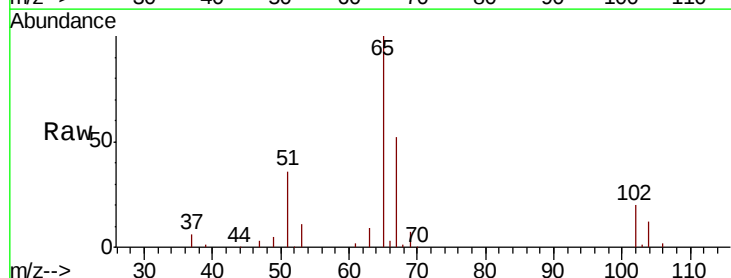
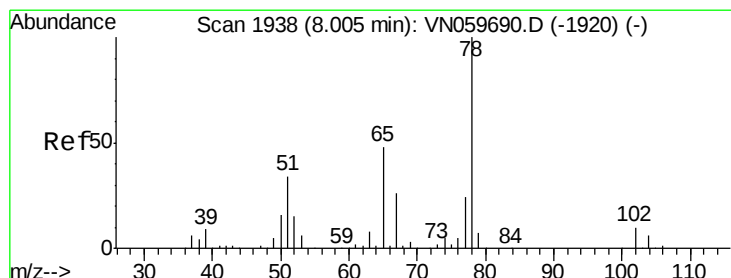
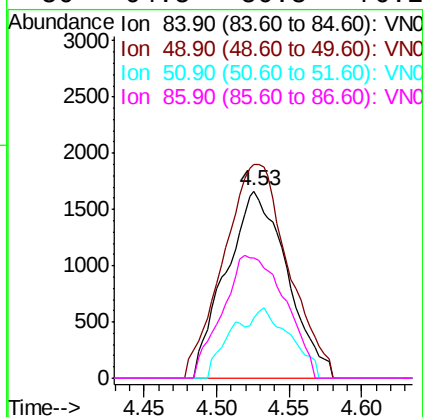




#20
Methylene Chloride
Concen: 1.160 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060042.D
Acq: 10 Feb 2020 13:40

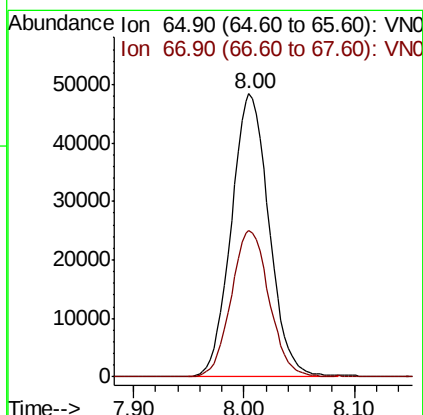
Instrument :
MSVOA_N
ClientSampleId :
ETGI-337-290

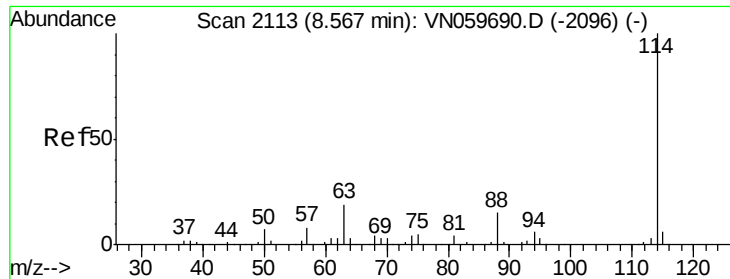
Tot Ion: 84 Resp: 4873
Ion Ratio Lower Upper
84 100
49 113.9 106.6 160.0
51 32.0 31.9 47.9
86 64.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 51.626 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060042.D
Acq: 10 Feb 2020 13:40

Tgt Ion: 65 Resp: 114714
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

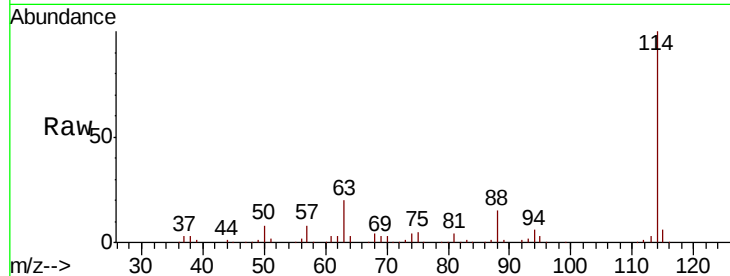




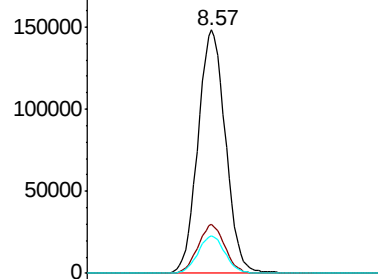
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060042.D
 Acq: 10 Feb 2020 13:40

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-337-290

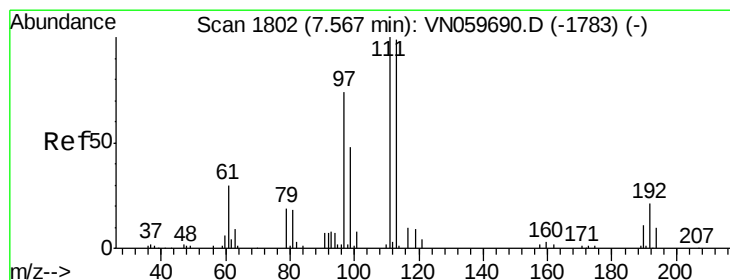
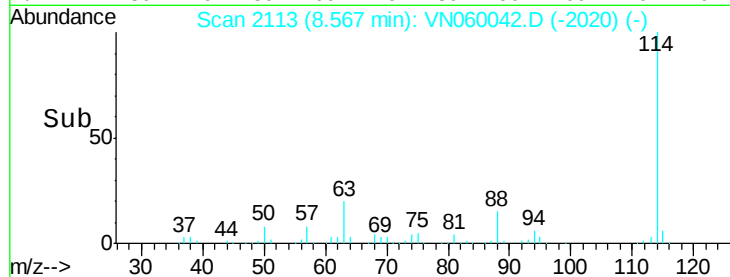
Tot Ion:114 Resp: 312500
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.6
 88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V
 200000 Ion 63.00 (62.70 to 63.70): VN
 150000 Ion 87.90 (87.60 to 88.60): VN

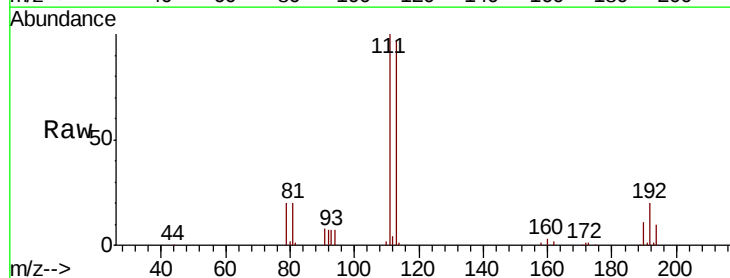


Time-->

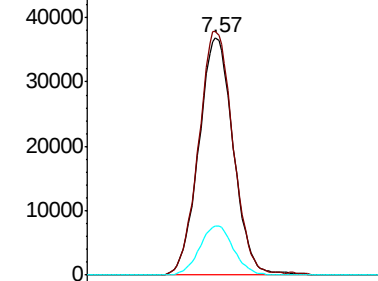


#35
 Dibromofluoromethane
 Concen: 51.036 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060042.D
 Acq: 10 Feb 2020 13:40

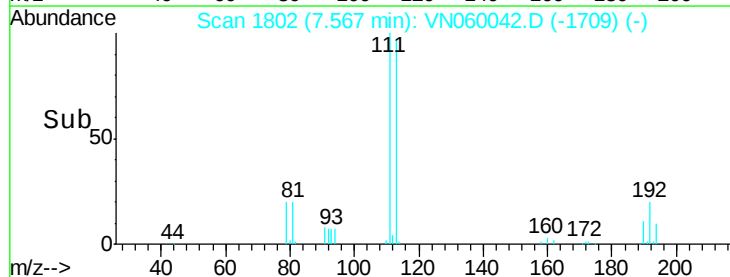
Tgt Ion:113 Resp: 95110
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.5 125.3
 192 20.3 15.4 23.2

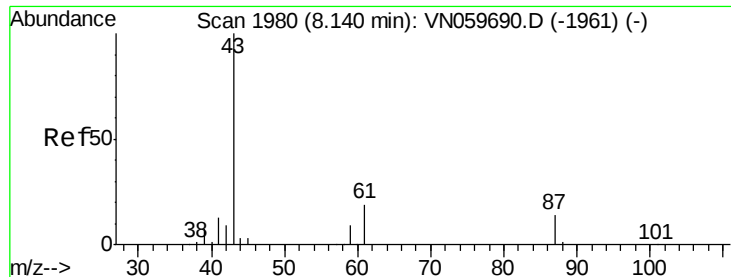


Abundance Ion 112.80 (112.50 to 113.50): V
 50000 Ion 110.80 (110.50 to 111.50): V
 40000 Ion 191.70 (191.40 to 192.40): V



Time-->





#43

Isopropyl Acetate

Concen: 11.065 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060042.D

Acq: 10 Feb 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

ETGI-337-290

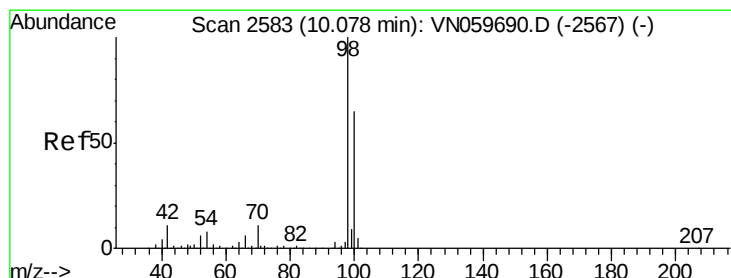
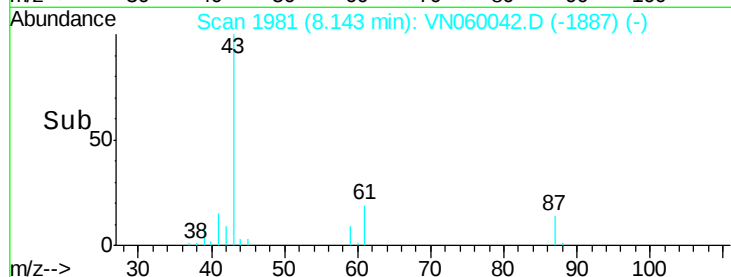
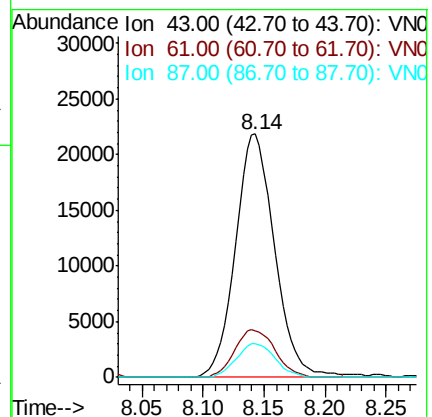
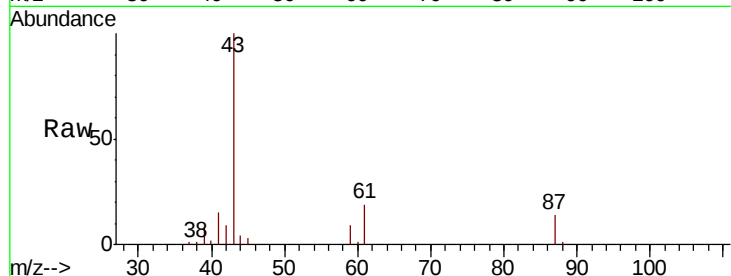
Tot Ion: 43 Resp: 48577

Ion Ratio Lower Upper

43 100

61 20.2 20.2 30.2

87 13.6 9.5 14.3



#50

Toluene-d8

Concen: 52.008 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060042.D

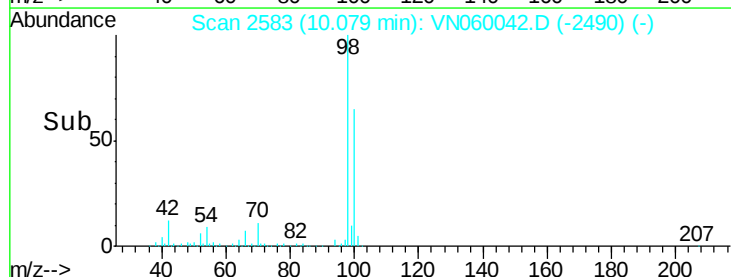
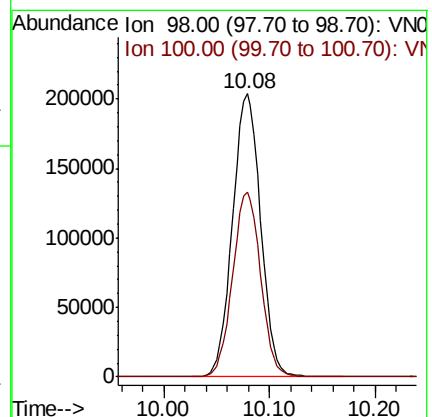
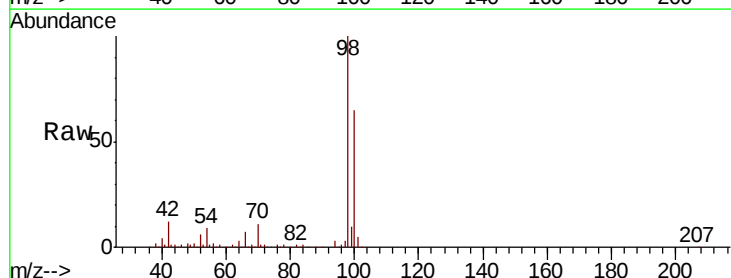
Acq: 10 Feb 2020 13:40

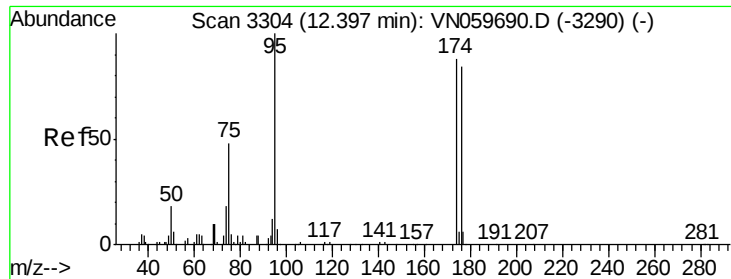
Tgt Ion: 98 Resp: 375519

Ion Ratio Lower Upper

98 100

100 65.0 51.2 76.8

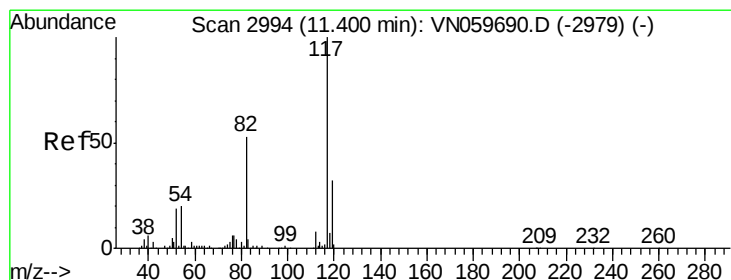
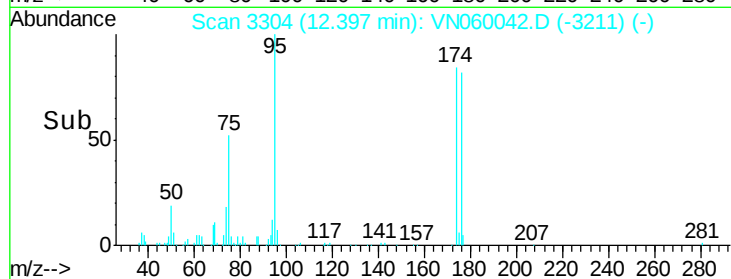
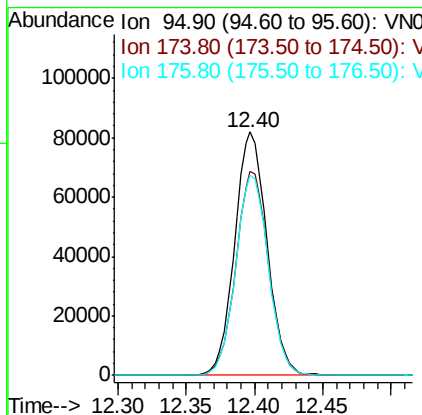
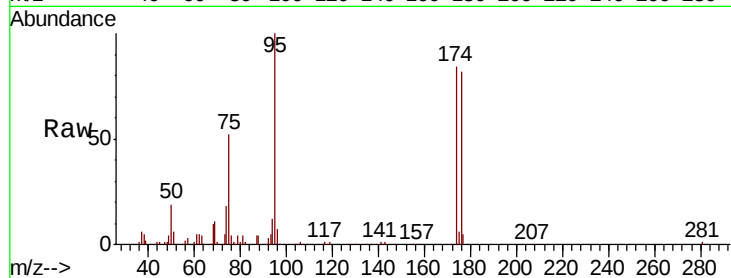




#62
4-Bromofluorobenzene
Concen: 51.736 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060042.D
Acq: 10 Feb 2020 13:40

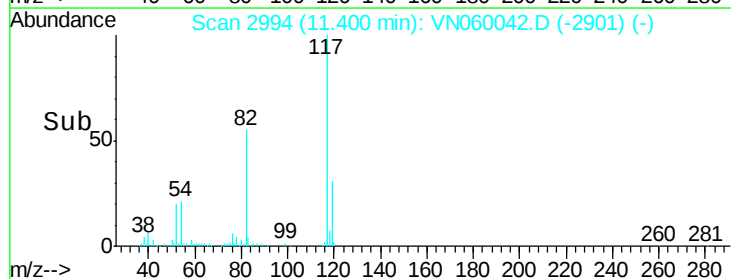
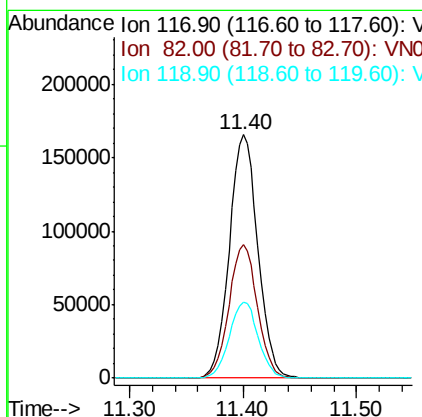
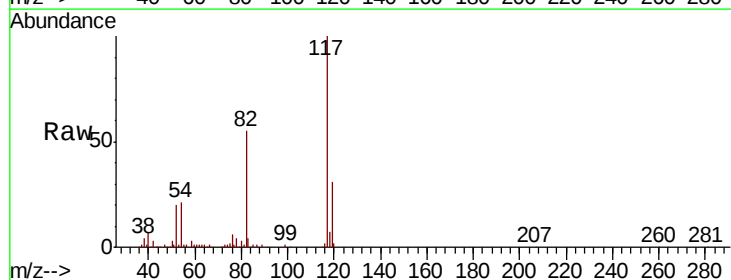
Instrument :
MSVOA_N
ClientSampled :
ETGI-337-290

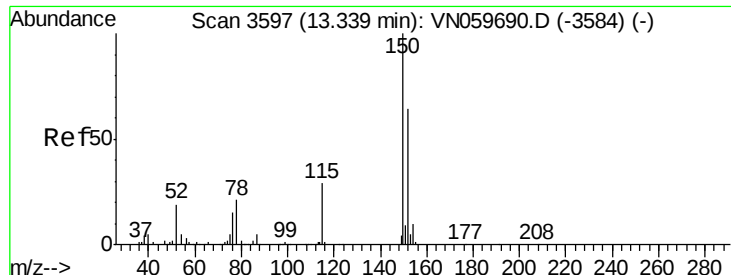
Tot Ion: 95 Resp: 134666
Ion Ratio Lower Upper
95 100
174 84.6 0.0 151.4
176 83.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060042.D
Acq: 10 Feb 2020 13:40

Tgt Ion: 117 Resp: 289561
Ion Ratio Lower Upper
117 100
82 54.8 45.9 68.9
119 31.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060042.D

Acq: 10 Feb 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

ETGI-337-290

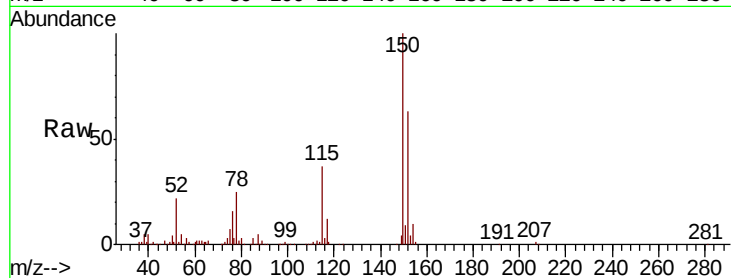
Tot Ion:152 Resp: 129816

Ion Ratio Lower Upper

152 100

115 58.5 30.3 90.9

150 157.7 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

