

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057309.D
 Acq On : 15 Aug 2019 00:45
 Operator : JC/SP
 Sample : K4329-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-292

Quant Time: Aug 15 08:58:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 08:22:24 2019
 Response via : Initial Calibration

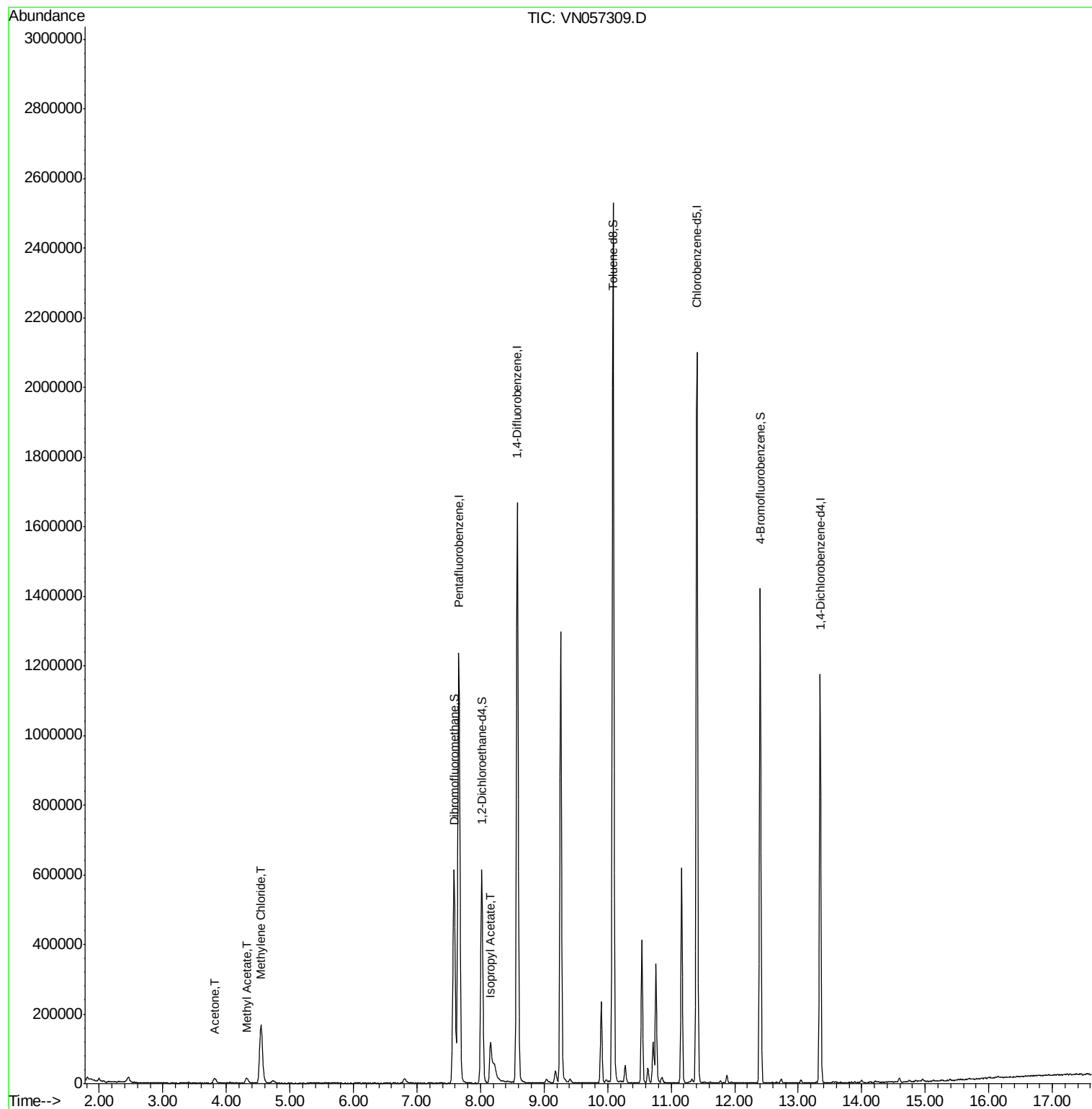
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1125699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1590494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1330288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	344033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	536558	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
35) Dibromofluoromethane	7.58	113	477300	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
50) Toluene-d8	10.08	98	1844515	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.40	95	489463	36.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.64%	
Target Compounds						
16) Acetone	3.81	43	24537	5.780	ug/l	98
18) Methyl Acetate	4.32	43	31496	0.375	ug/l	96
20) Methylene Chloride	4.54	84	145140	12.219	ug/l	93
43) Isopropyl Acetate	8.16	43	208769	8.444	ug/l #	75

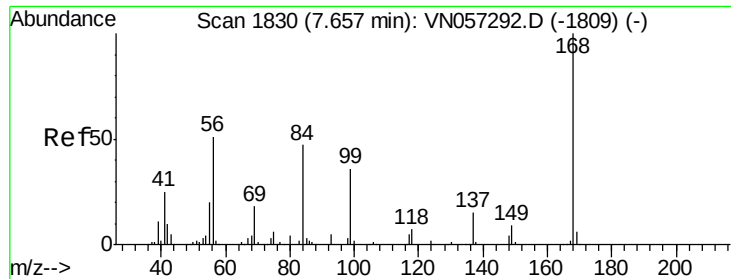
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057309.D

Acq: 15 Aug 2019 00:45

Instrument :

MSVOA_N

ClientSampled :

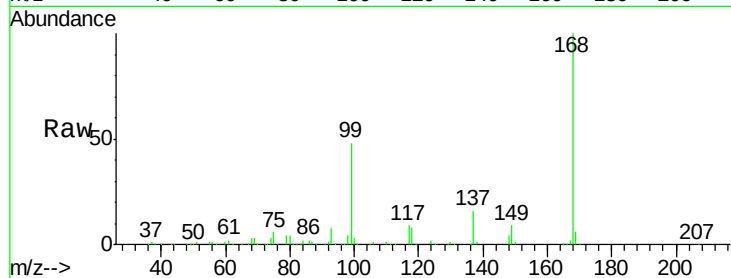
ETGI-292

Tot Ion:168 Resp: 1125699

Ion Ratio Lower Upper

168 100

99 48.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

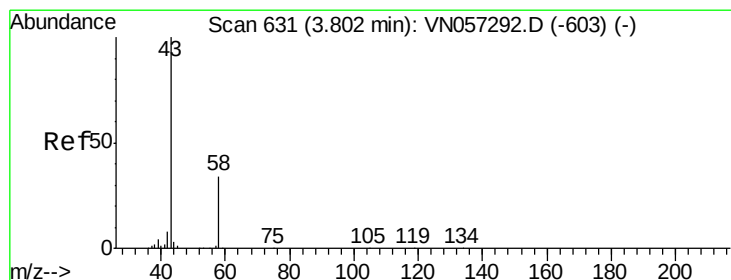
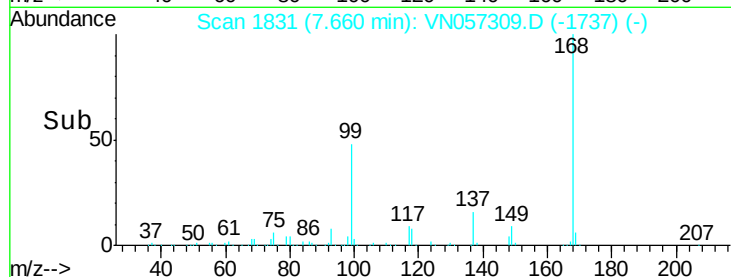
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.780 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057309.D

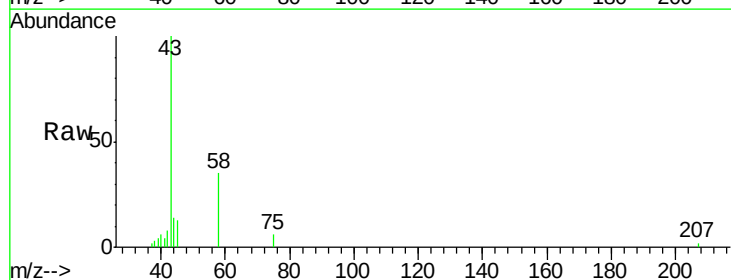
Acq: 15 Aug 2019 00:45

Tgt Ion: 43 Resp: 24537

Ion Ratio Lower Upper

43 100

58 34.8 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

8000

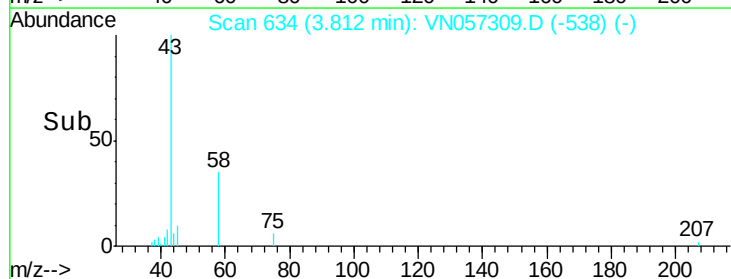
6000

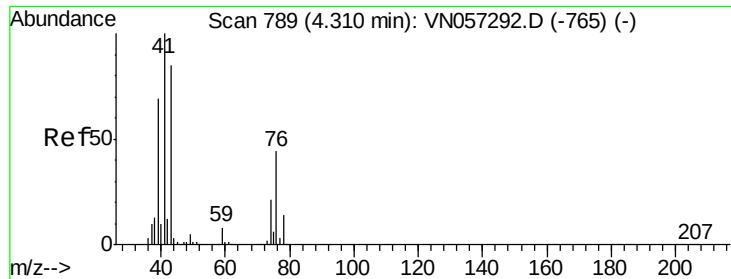
4000

2000

0

Time-->

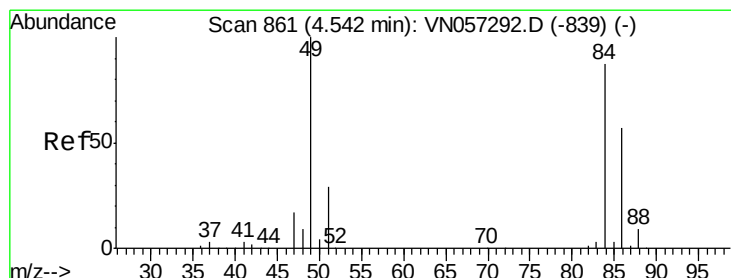
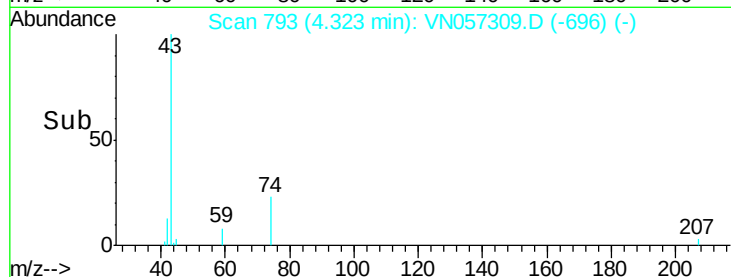
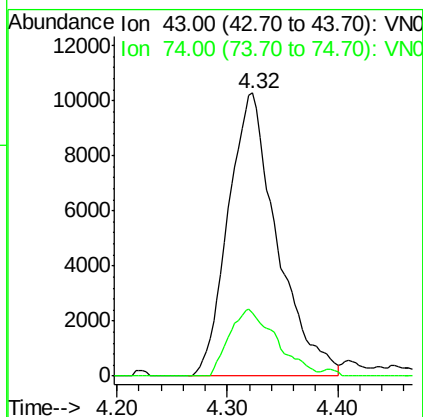
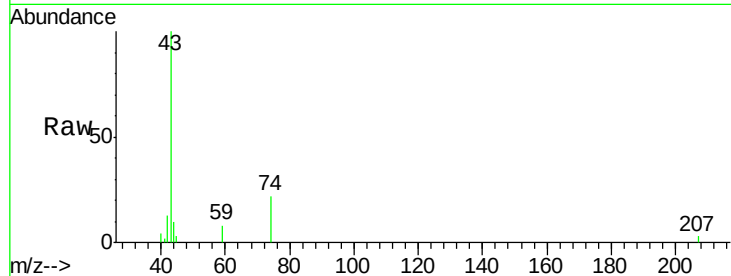




#18
Methyl Acetate
Concen: 0.375 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN057309.D
Acq: 15 Aug 2019 00:45

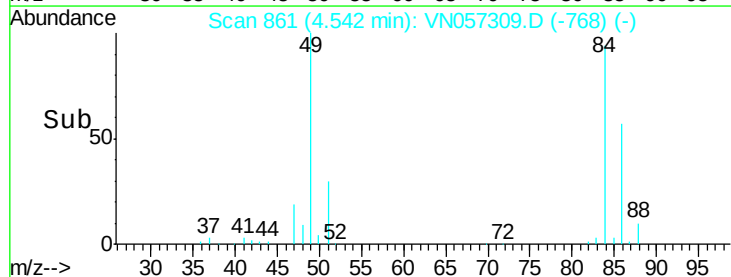
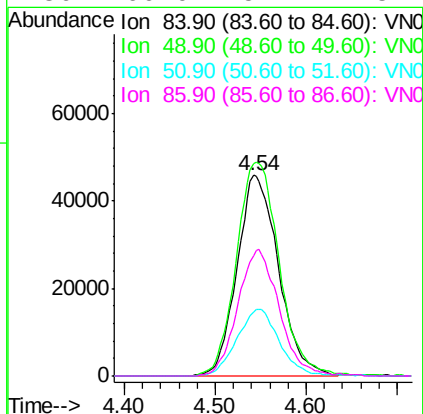
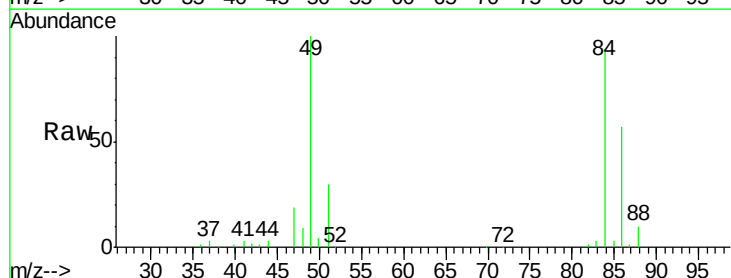
Instrument :
MSVOA_N
ClientSampleId :
ETGI-292

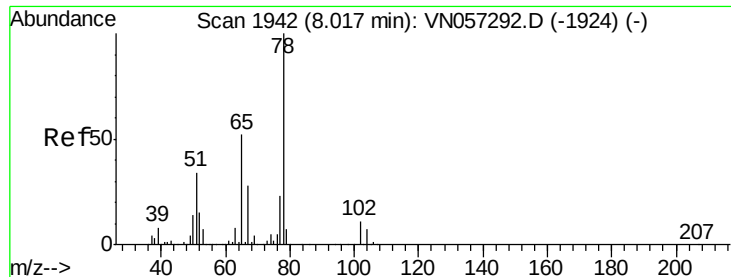
Tot Ion: 43 Resp: 31496
Ion Ratio Lower Upper
43 100
74 23.0 20.2 30.2



#20
Methylene Chloride
Concen: 12.219 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN057309.D
Acq: 15 Aug 2019 00:45

Tgt Ion: 84 Resp: 145140
Ion Ratio Lower Upper
84 100
49 105.9 92.0 138.0
51 32.0 27.1 40.7
86 60.0 52.2 78.2

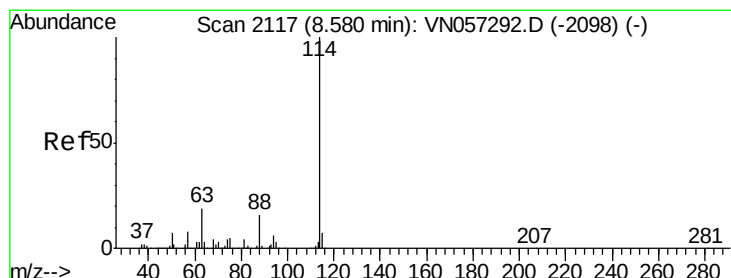
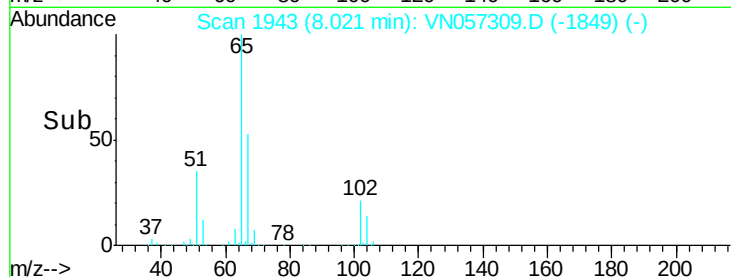
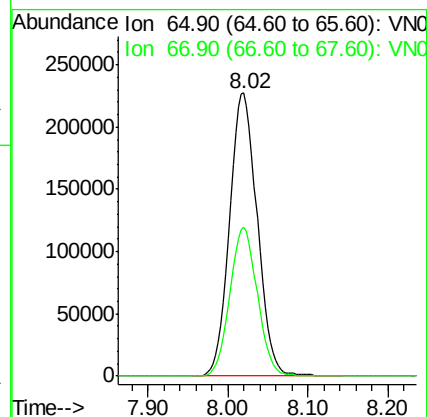
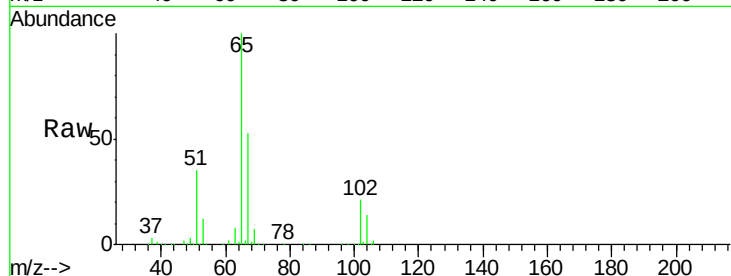




#33
 1,2-Dichloroethane-d4
 Concen: 43.845 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057309.D
 Acq: 15 Aug 2019 00:45

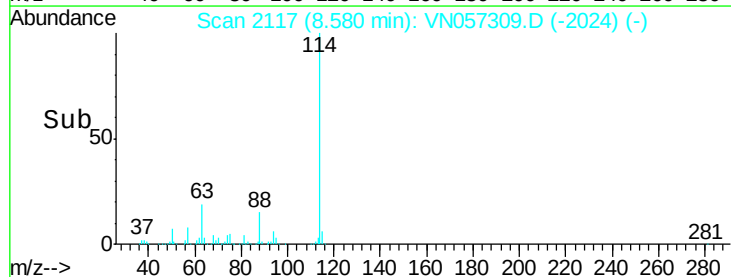
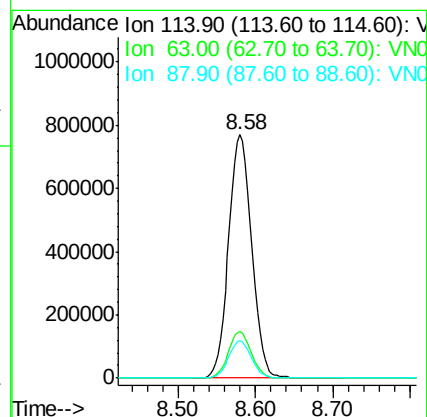
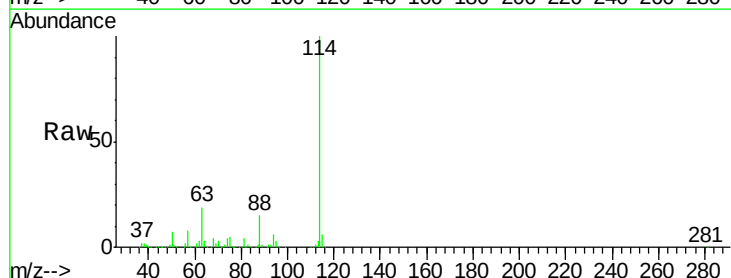
Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-292

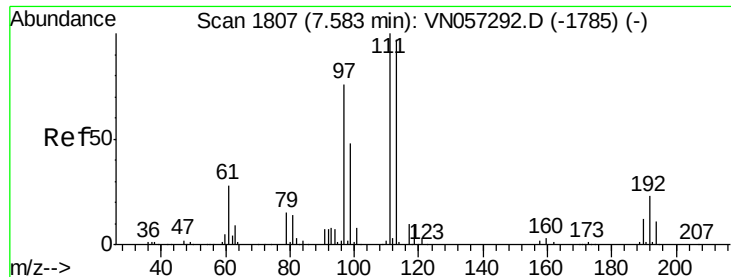
Tot Ion: 65 Resp: 536558
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057309.D
 Acq: 15 Aug 2019 00:45

Tgt Ion: 114 Resp: 1590494
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.780 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN057309.D

Acq: 15 Aug 2019 00:45

Instrument :

MSVOA_N

ClientSampled :

ETGI-292

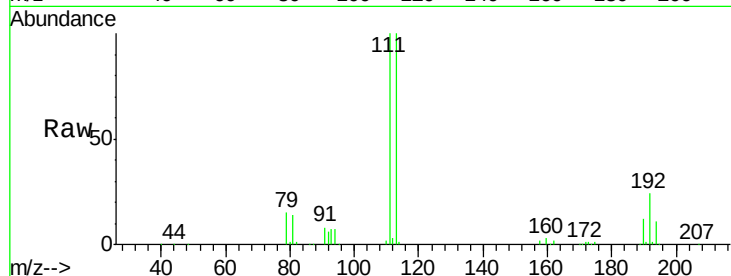
Tot Ion:113 Resp: 477300

Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

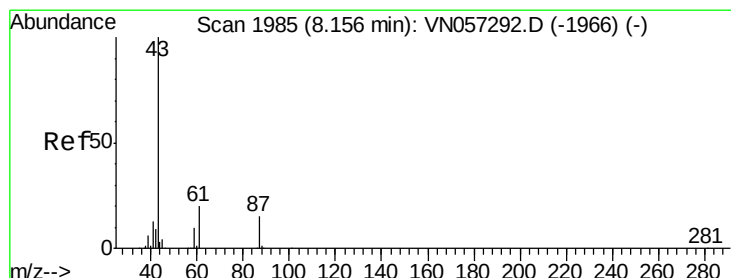
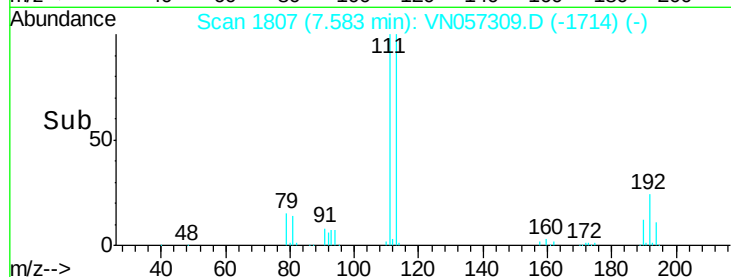
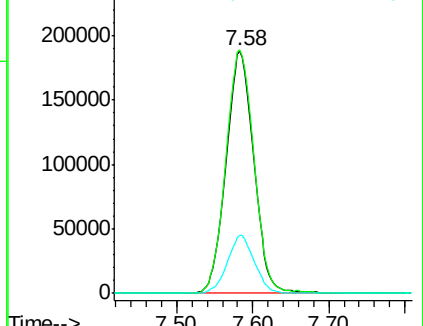
192 23.3 19.3 28.9



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: 8.444 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057309.D

Acq: 15 Aug 2019 00:45

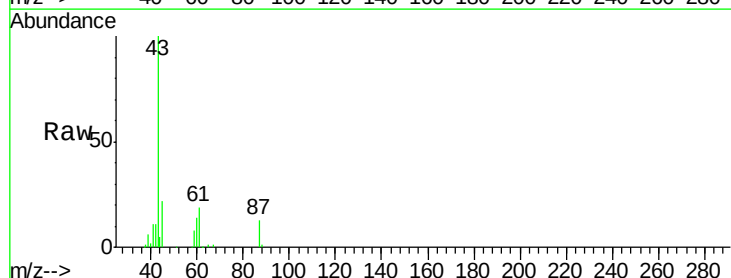
Tgt Ion: 43 Resp: 208769

Ion Ratio Lower Upper

43 100

61 11.6 21.6 32.4#

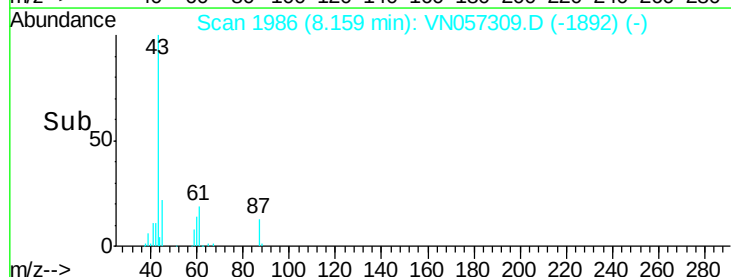
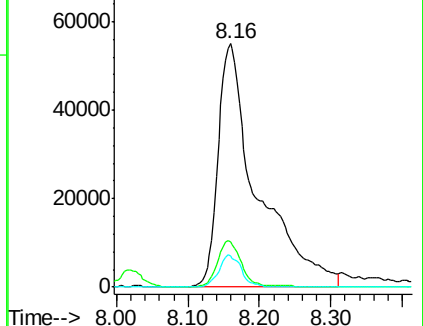
87 7.5 11.4 17.0#

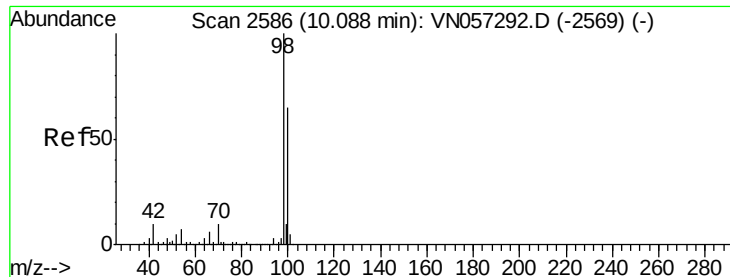


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.370 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057309.D

Acq: 15 Aug 2019 00:45

Instrument :

MSVOA_N

ClientSampled :

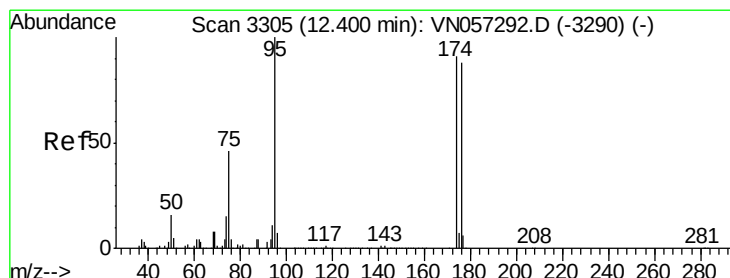
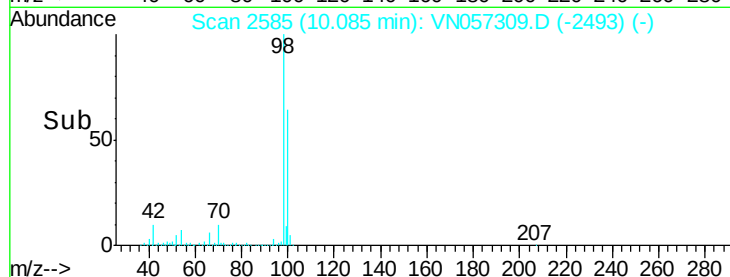
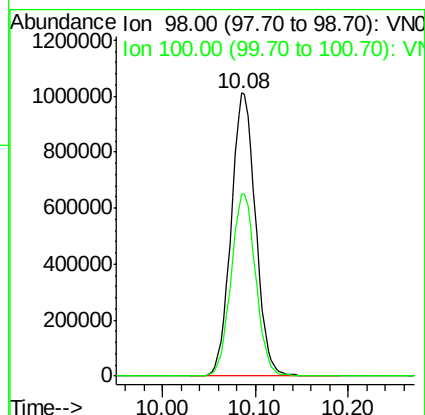
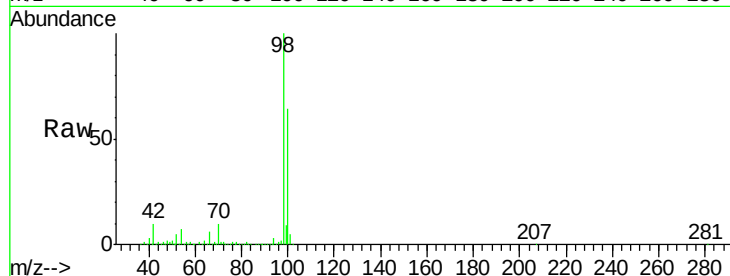
ETGI-292

Tot Ion: 98 Resp: 1844515

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.321 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057309.D

Acq: 15 Aug 2019 00:45

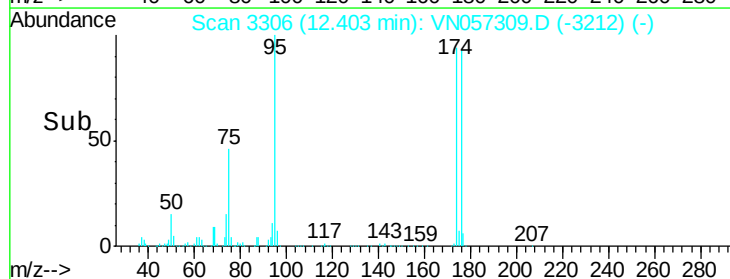
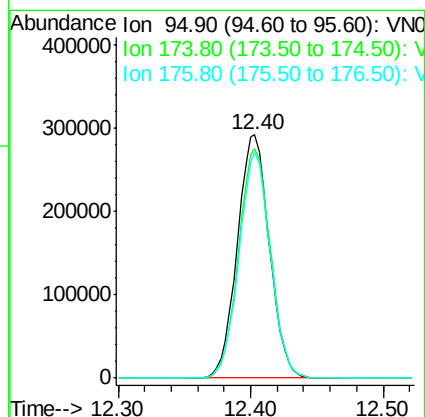
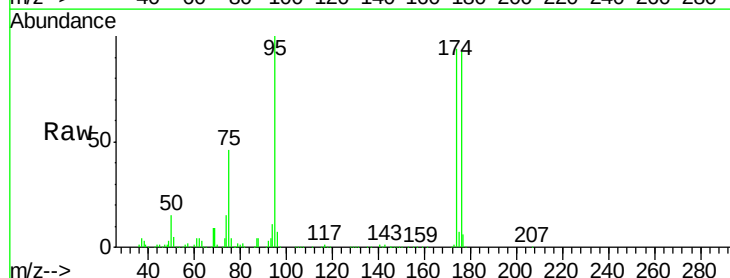
Tgt Ion: 95 Resp: 489463

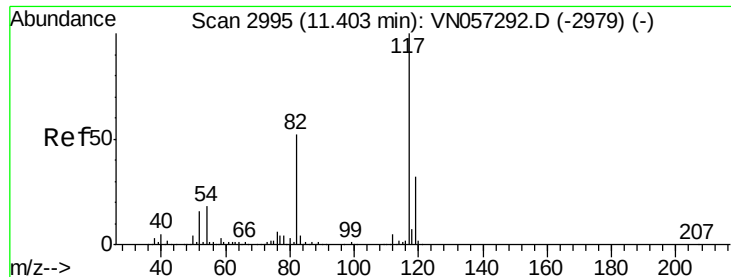
Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.0

176 90.7 0.0 181.0

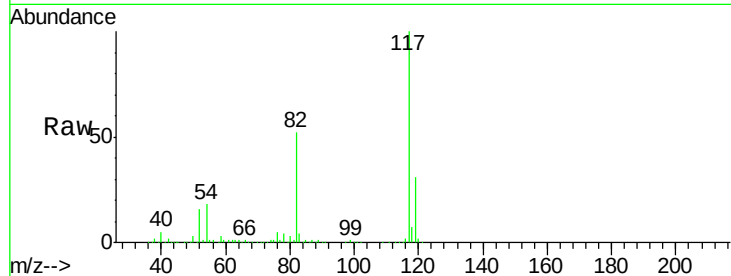




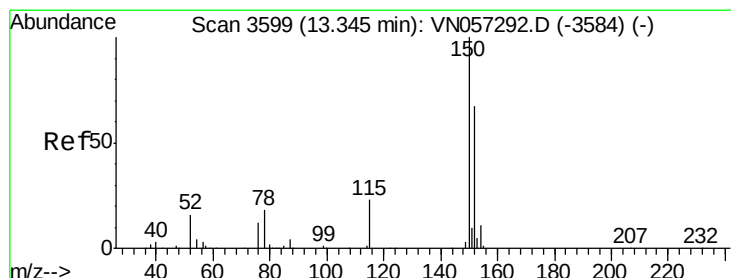
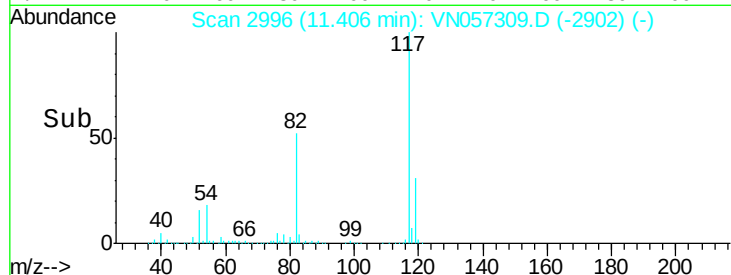
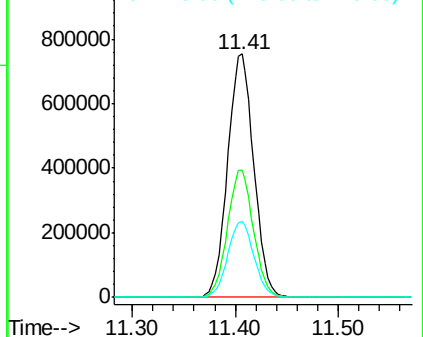
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057309.D
Acq: 15 Aug 2019 00:45

Instrument :
MSVOA_N
ClientSampled :
ETGI-292

Tot Ion:117 Resp: 1330288
Ion Ratio Lower Upper
117 100
82 52.3 41.2 61.8
119 31.2 25.8 38.8

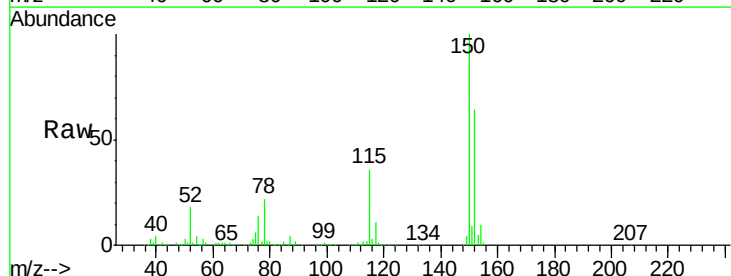


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057309.D
Acq: 15 Aug 2019 00:45

Tgt Ion:152 Resp: 344033
Ion Ratio Lower Upper
152 100
115 55.3 27.3 81.9
150 156.1 0.0 344.4



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

