

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055711.D
 Acq On : 21 May 2019 15:54
 Operator : JC/SP
 Sample : K2959-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20658

Quant Time: May 22 05:49:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

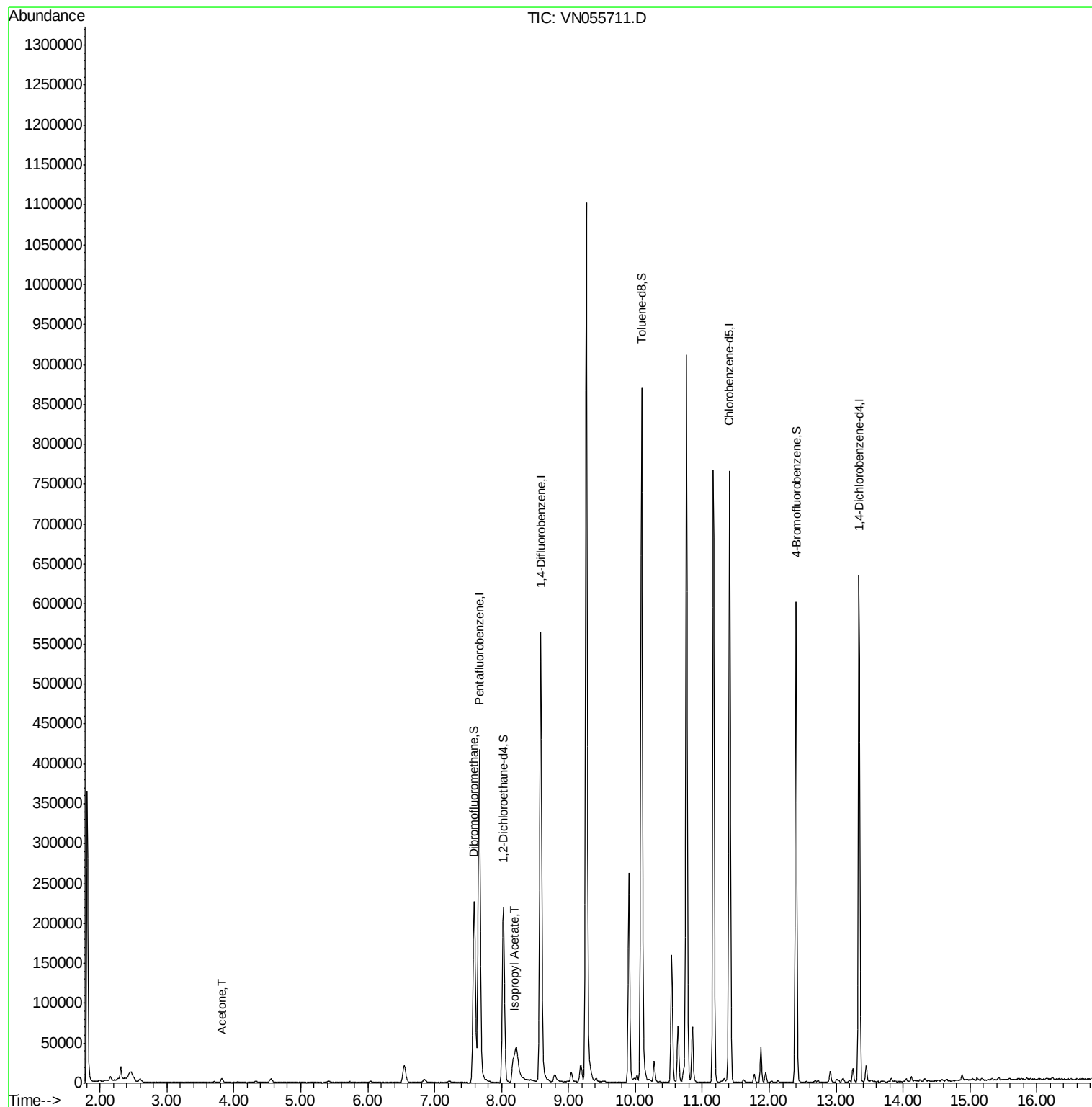
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	406369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	577897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	498290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184381	41.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.78%	
35) Dibromofluoromethane	7.59	113	174346	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	10.09	98	662440	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.40	95	213269	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
Target Compounds						
16) Acetone	3.82	43	9381	5.160	ug/l	99
43) Isopropyl Acetate	8.18	43	25116	3.106	ug/l #	77

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

ClientSampleId :

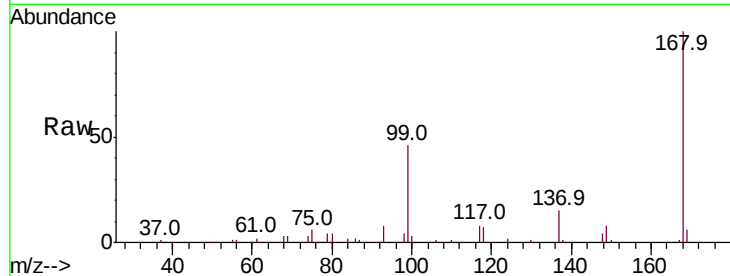
20658

Tot Ion:168 Resp: 406369

Ion Ratio Lower Upper

168 100

99 46.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

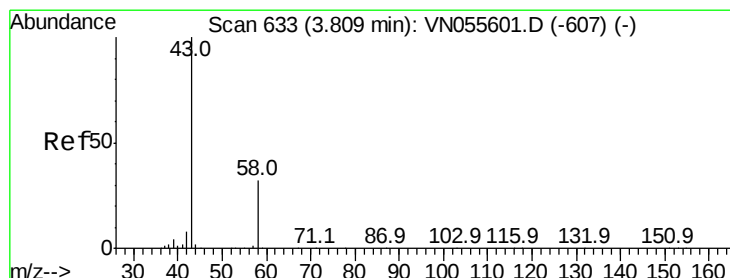
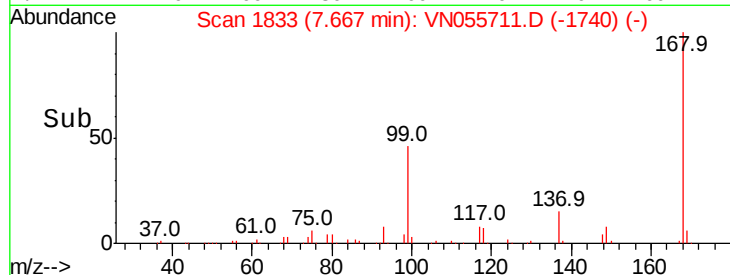
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 5.160 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN055711.D

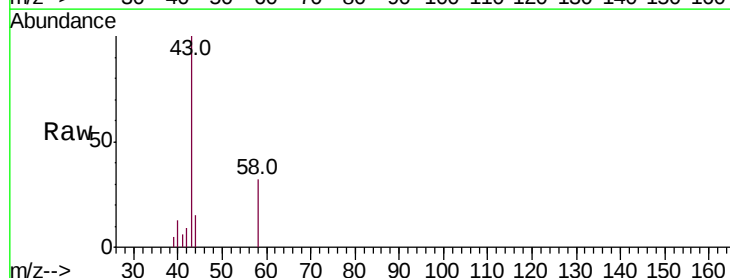
Acq: 21 May 2019 15:54

Tgt Ion: 43 Resp: 9381

Ion Ratio Lower Upper

43 100

58 32.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

3000

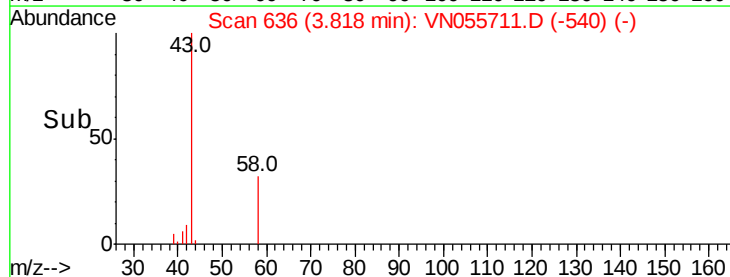
2000

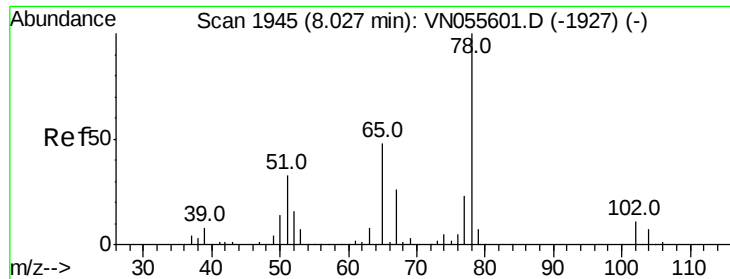
1000

0

Time-->

3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 41.391 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

ClientSampled :

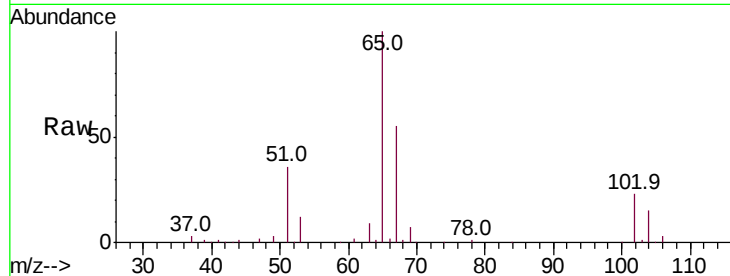
20658

Tot Ion: 65 Resp: 184381

Ion Ratio Lower Upper

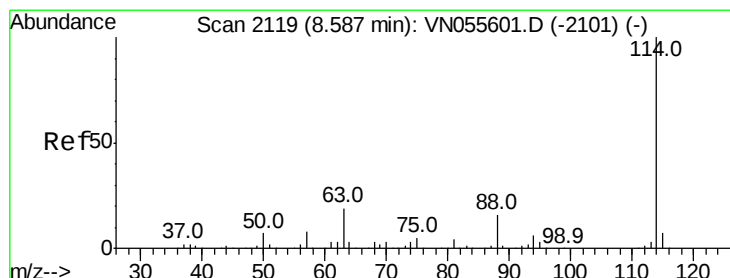
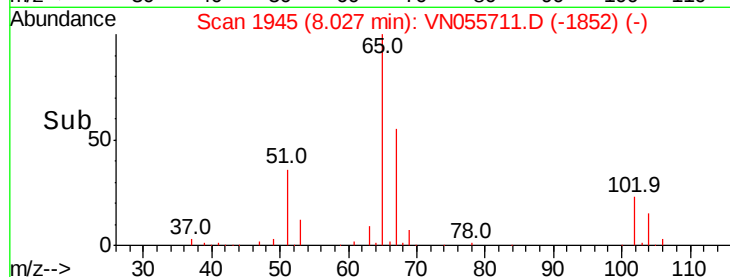
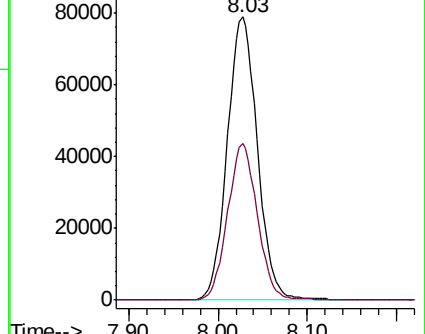
65 100

67 54.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055711.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055711.D (-1927) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

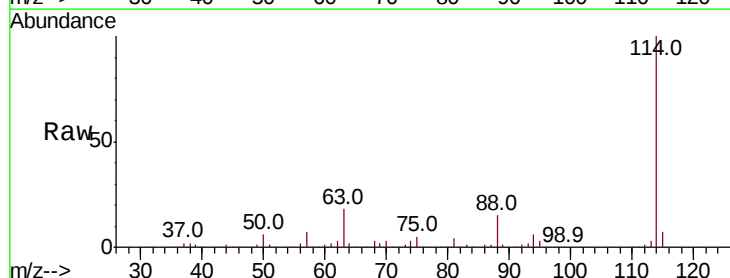
Tgt Ion:114 Resp: 577897

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.2

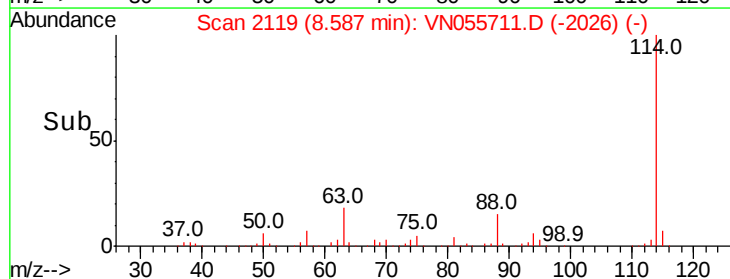
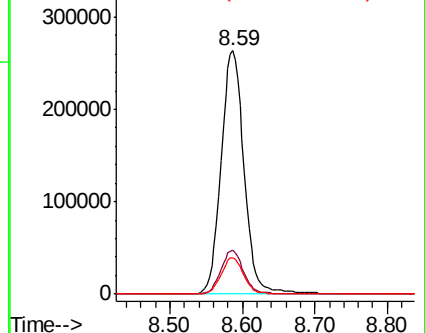
88 14.8 0.0 31.0

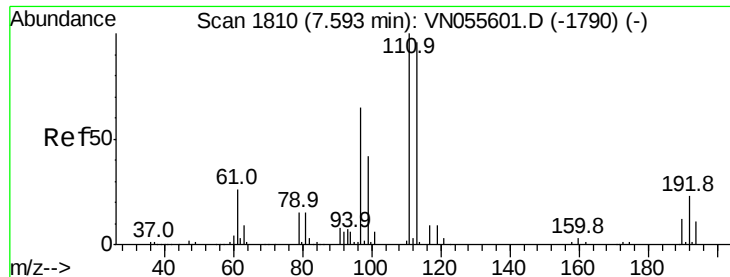


Abundance Ion 113.90 (113.60 to 114.60): VN055711.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055711.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055711.D (-2101) (-)

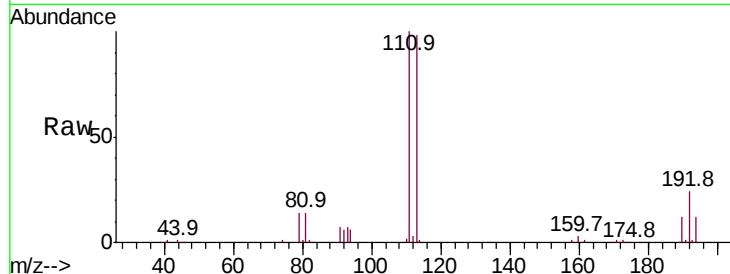




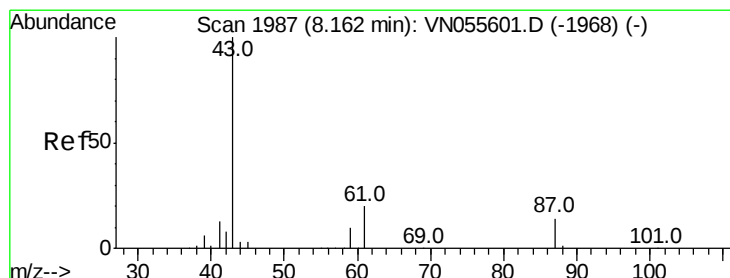
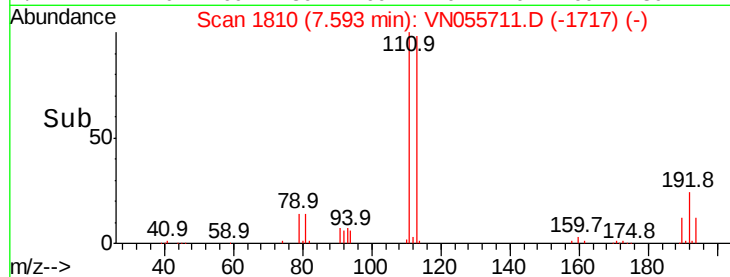
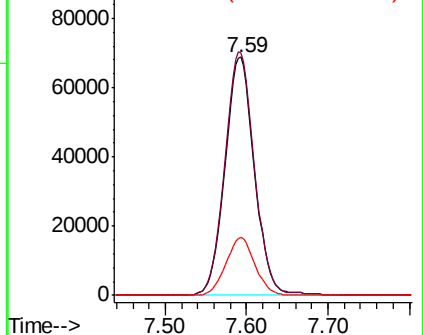
#35
 Dibromofluoromethane
 Concen: 47.492 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 20658

Tot Ion:113 Resp: 174346
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.5 123.7
 192 23.9 18.7 28.1

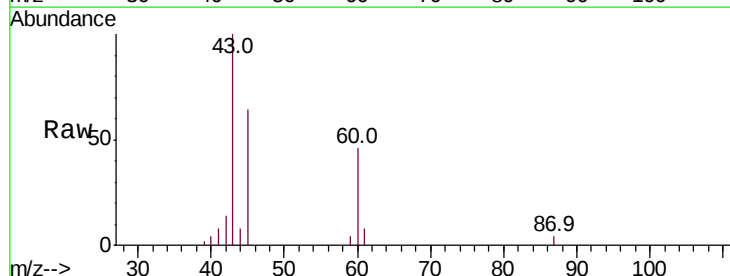


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

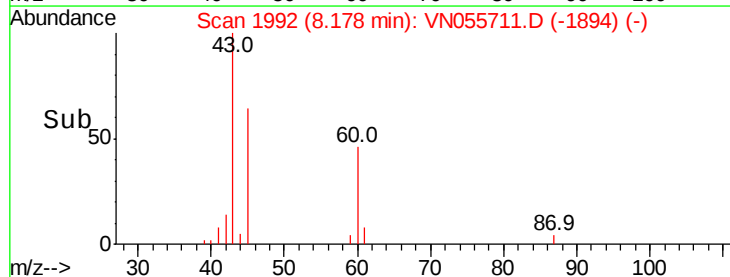
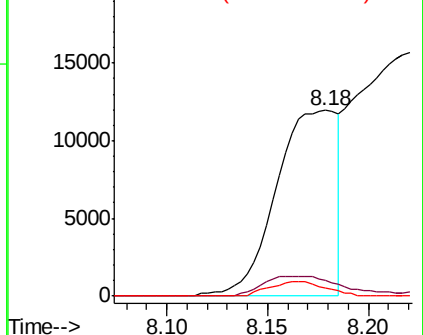


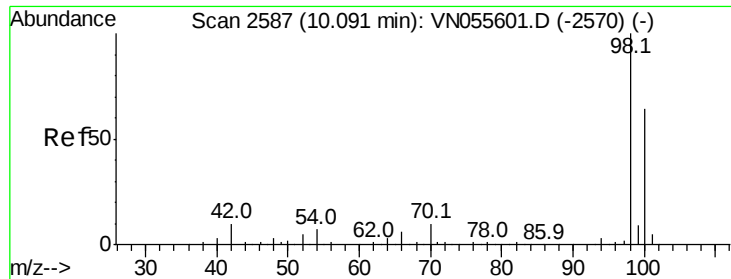
#43
 Isopropyl Acetate
 Concen: 3.106 ug/l
 RT: 8.18 min Scan# 1992
 Delta R.T. 0.02 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

Tgt Ion: 43 Resp: 25116
 Ion Ratio Lower Upper
 43 100
 61 14.2 22.1 33.1#
 87 7.0 11.8 17.6#



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: 47.724 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

Instrument :

MSVOA_N

ClientSampled :

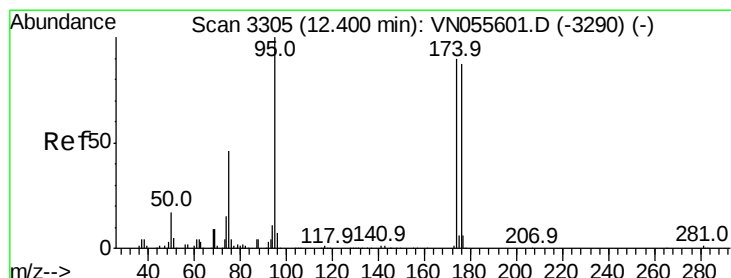
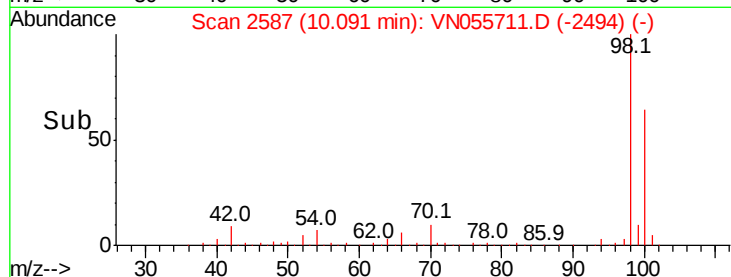
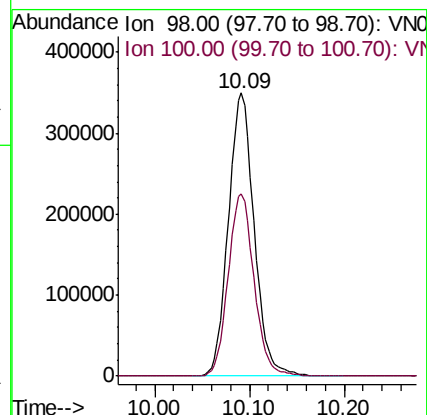
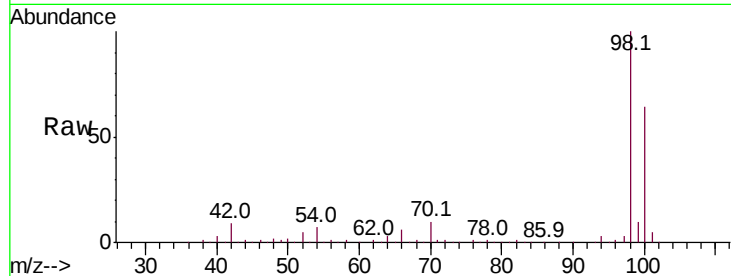
20658

Tot Ion: 98 Resp: 662440

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.494 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055711.D

Acq: 21 May 2019 15:54

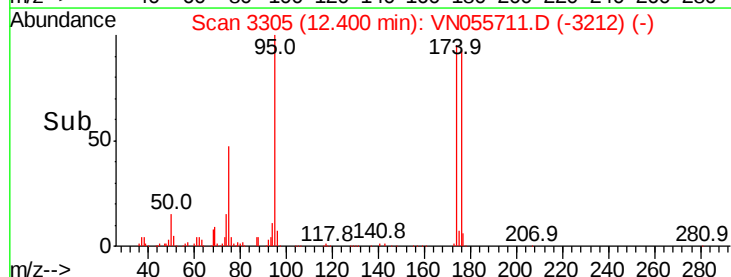
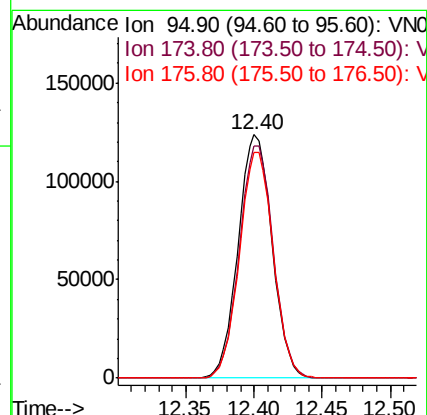
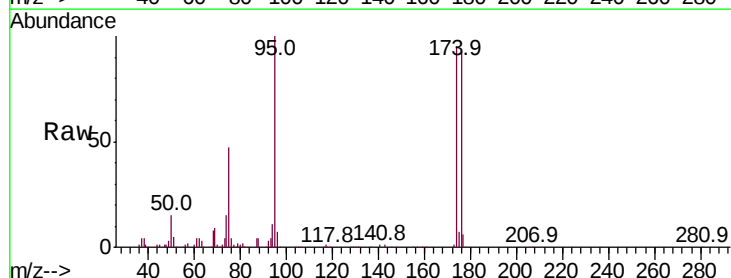
Tgt Ion: 95 Resp: 213269

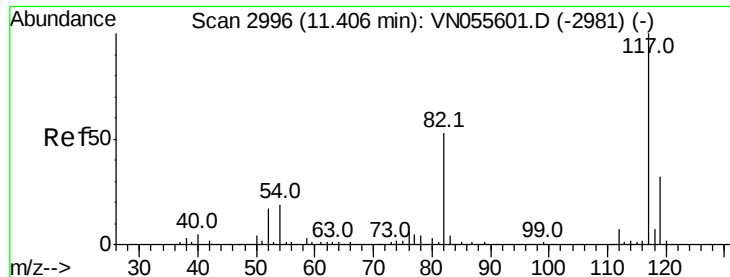
Ion Ratio Lower Upper

95 100

174 95.6 0.0 180.6

176 92.8 0.0 177.4

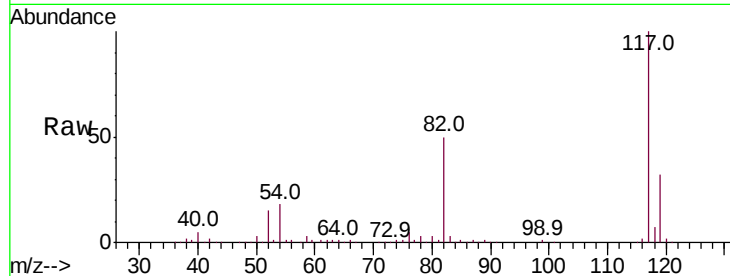




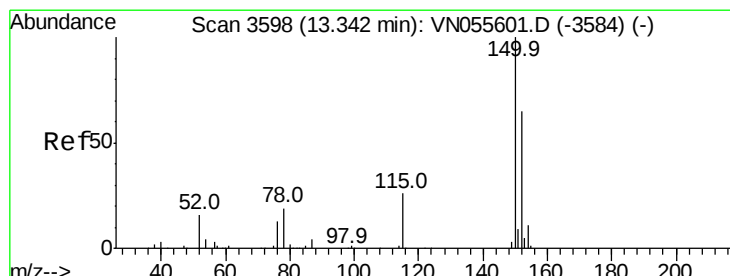
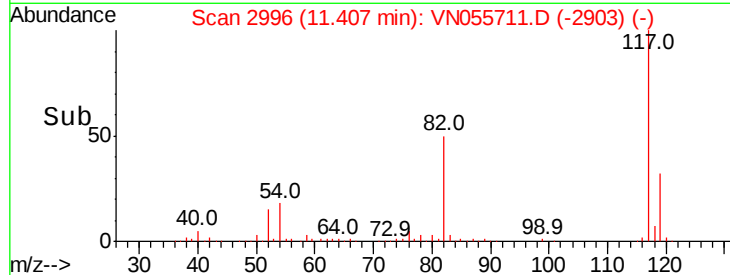
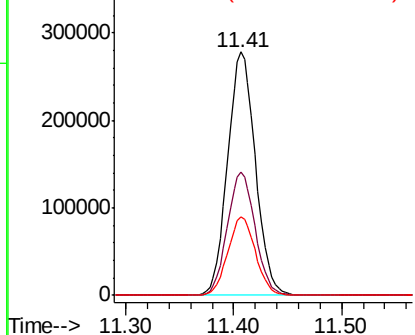
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 20658

Tot Ion:117 Resp: 498290
 Ion Ratio Lower Upper
 117 100
 82 50.5 42.3 63.5
 119 32.3 25.4 38.2

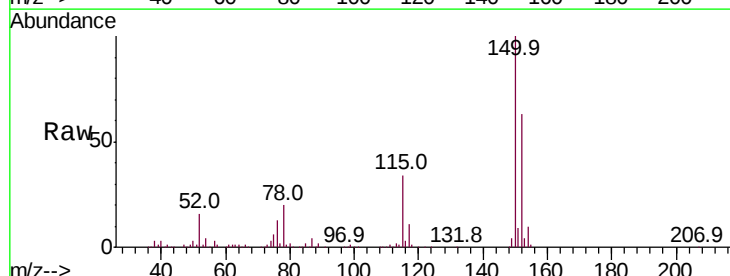


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055711.D
 Acq: 21 May 2019 15:54

Tgt Ion:152 Resp: 187234
 Ion Ratio Lower Upper
 152 100
 115 54.0 28.1 84.2
 150 158.0 0.0 348.0



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

