

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102919\
 Data File : VN059009.D
 Acq On : 29 Oct 2019 14:39
 Operator : JC/SP
 Sample : K5576-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-2-1-6

Quant Time: Oct 30 04:14:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

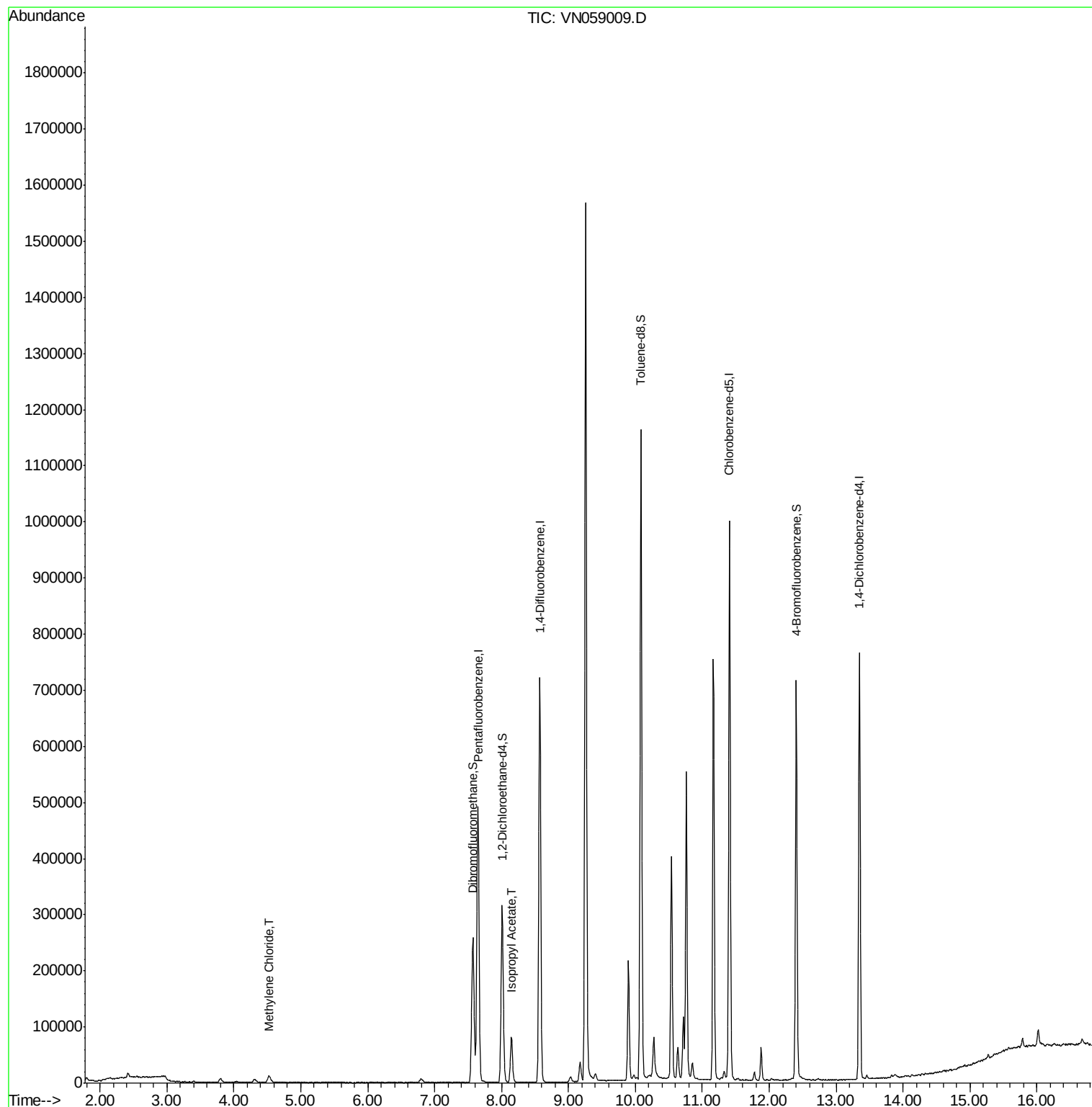
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	393641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	631442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	205126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	273747	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	7.57	113	200664	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.08	98	795859	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.40	95	249828	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.42%	
Target Compounds						
20) Methylene Chloride	4.52	84	9283	1.906	ug/l	91
43) Isopropyl Acetate	8.15	43	95187	8.426	ug/l #	92

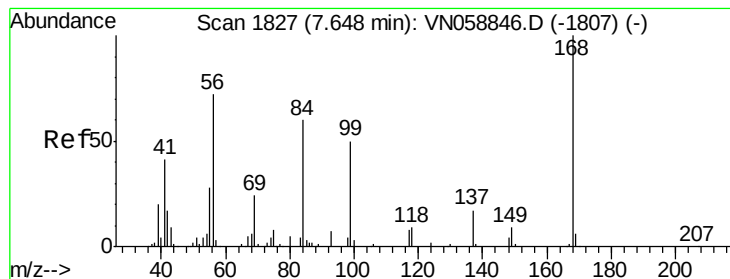
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102919\
Data File : VN059009.D
Acq On : 29 Oct 2019 14:39
Operator : JC/SP
Sample : K5576-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CSA-2-1-6

Quant Time: Oct 30 04:14:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059009.D

Acq: 29 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

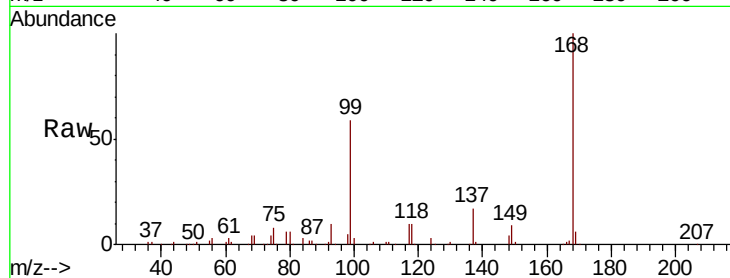
CSA-2-1-6

Tot Ion:168 Resp: 393641

Ion Ratio Lower Upper

168 100

99 58.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

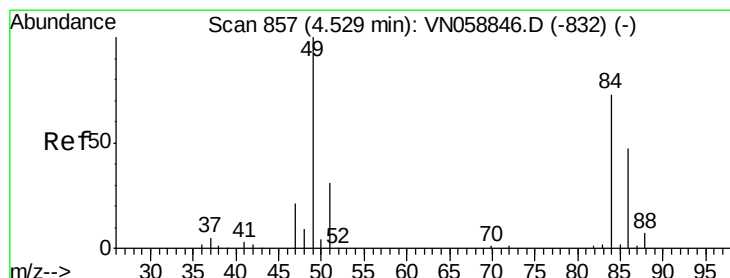
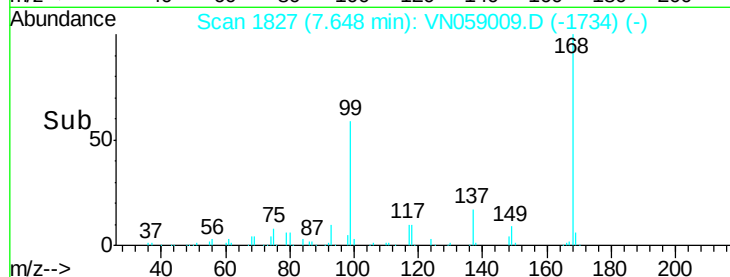
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1.906 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.01 min

Lab File: VN059009.D

Acq: 29 Oct 2019 14:39

Tgt Ion: 84 Resp: 9283

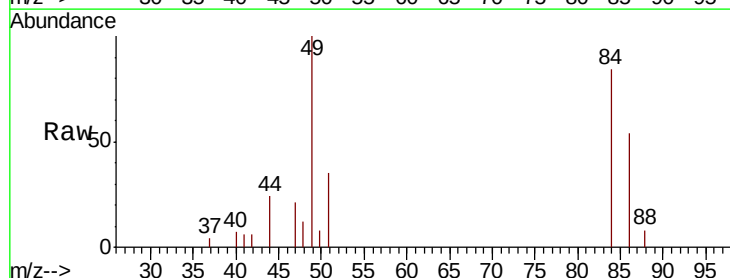
Ion Ratio Lower Upper

84 100

49 119.0 109.6 164.4

51 42.0 33.8 50.6

86 63.7 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

6000

5000

4000

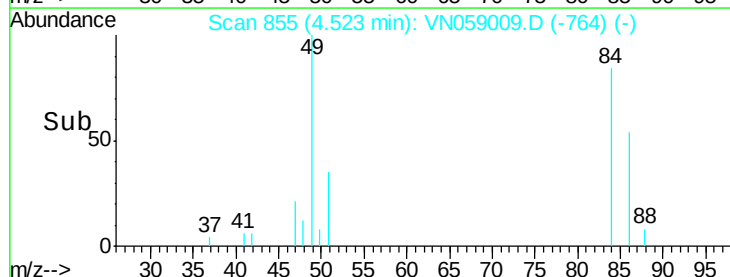
3000

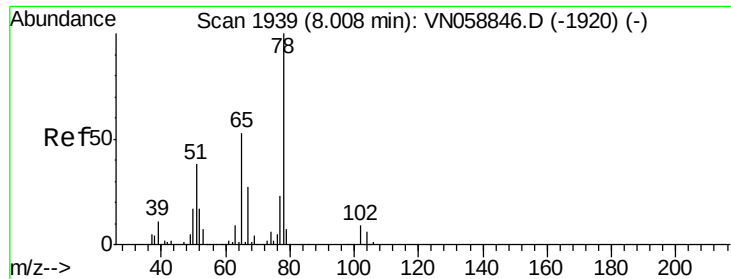
2000

1000

0

Time--> 4.45 4.50 4.55 4.60

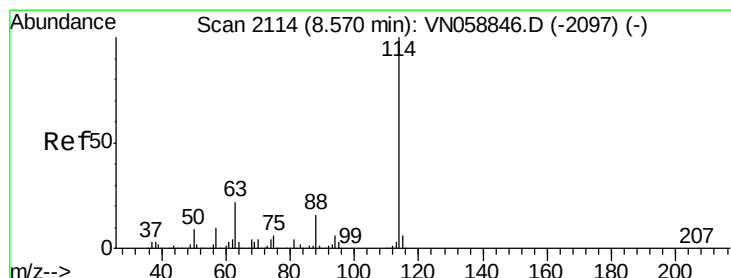
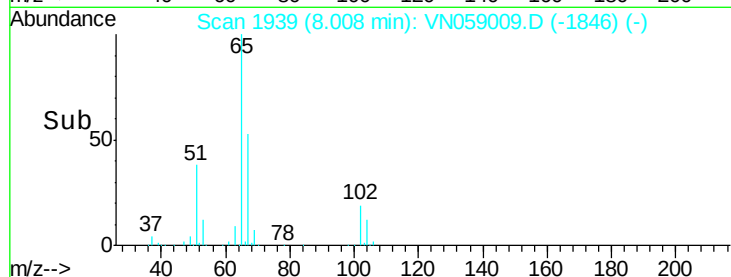
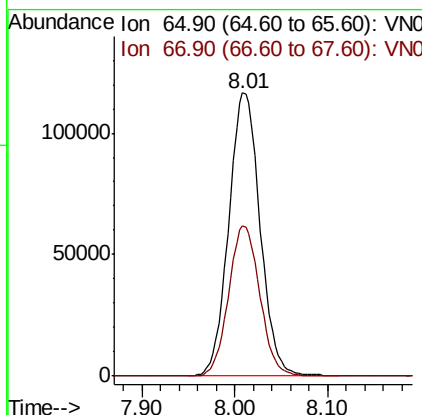
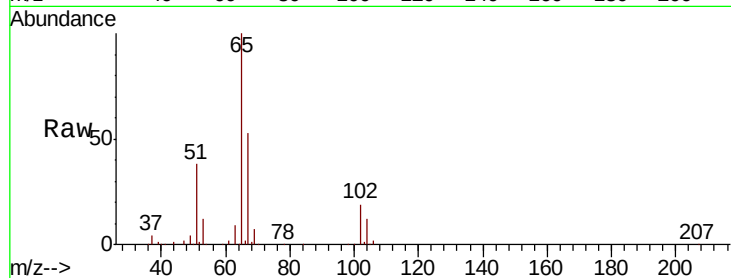




#33
 1,2-Dichloroethane-d4
 Concen: 47.416 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059009.D
 Acq: 29 Oct 2019 14:39

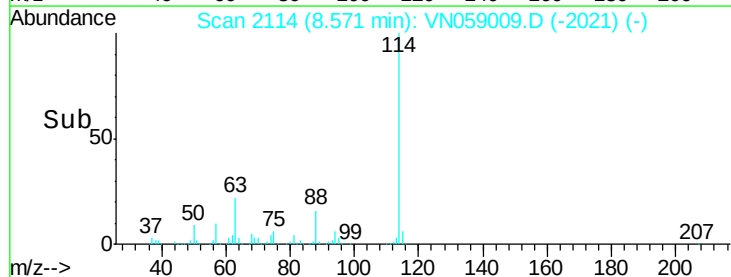
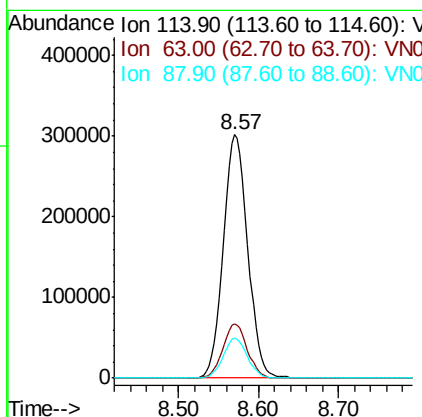
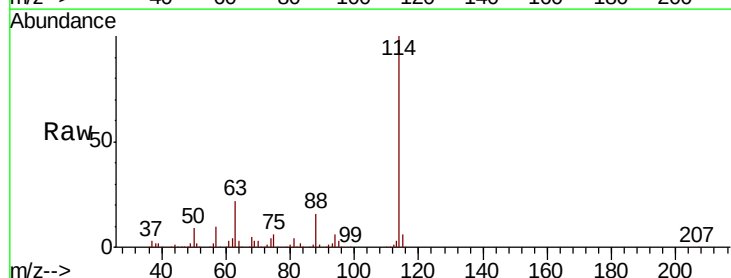
Instrument :
 MSVOA_N
 ClientSampled :
 CSA-2-1-6

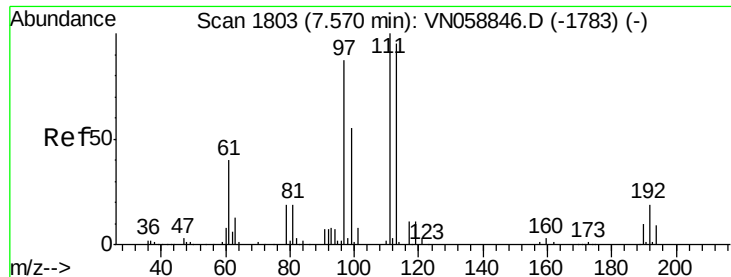
Tot Ion: 65 Resp: 273747
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059009.D
 Acq: 29 Oct 2019 14:39

Tgt Ion: 114 Resp: 631442
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.335 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059009.D

Acq: 29 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampled :

CSA-2-1-6

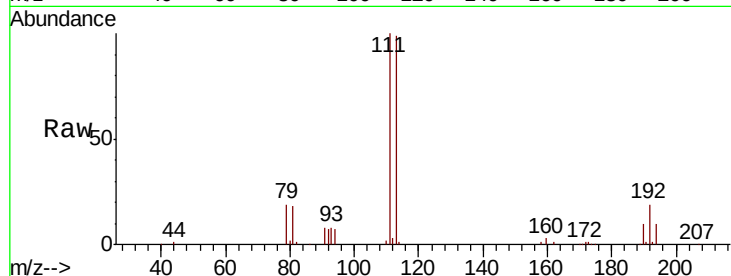
Tot Ion:113 Resp: 200664

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

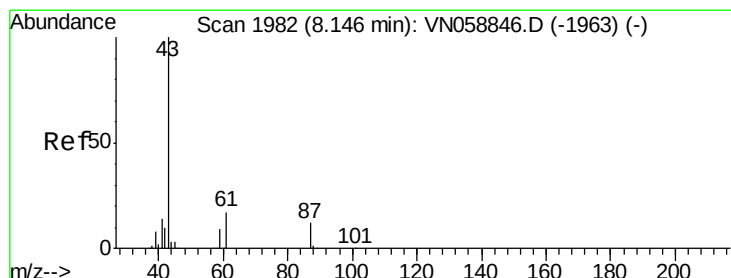
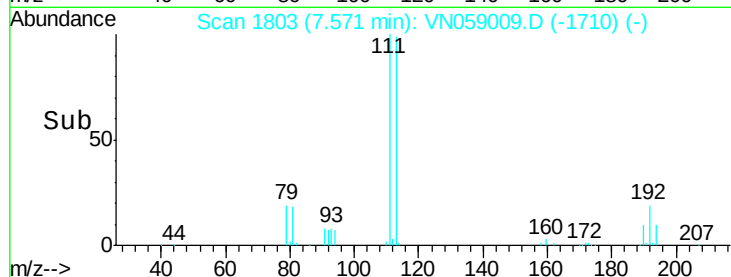
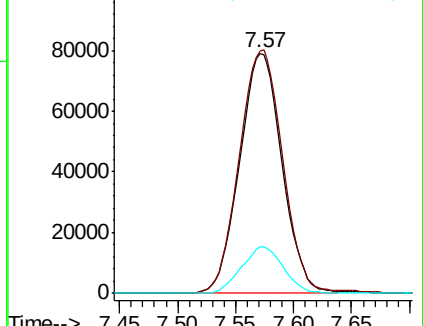
192 19.1 15.0 22.6



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: 8.426 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059009.D

Acq: 29 Oct 2019 14:39

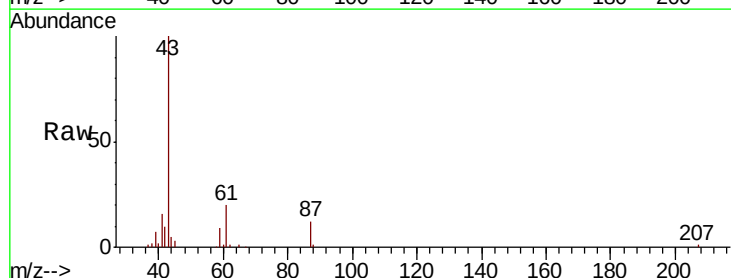
Tgt Ion: 43 Resp: 95187

Ion Ratio Lower Upper

43 100

61 19.5 20.2 30.2#

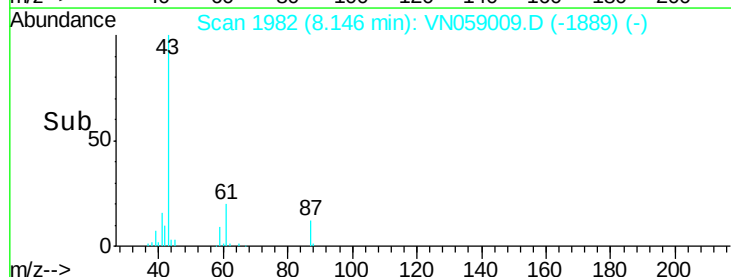
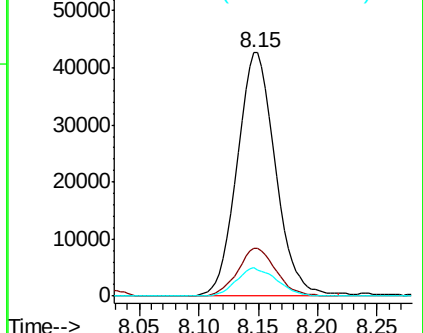
87 12.0 9.5 14.3

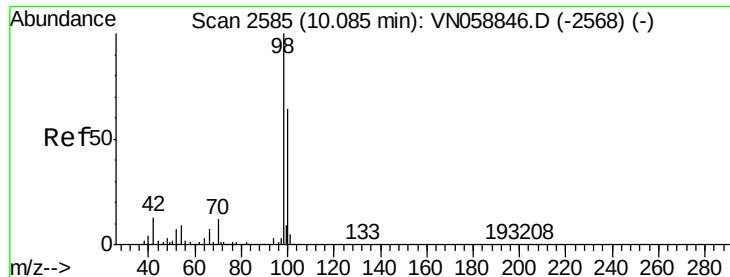


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.384 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059009.D

Acq: 29 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

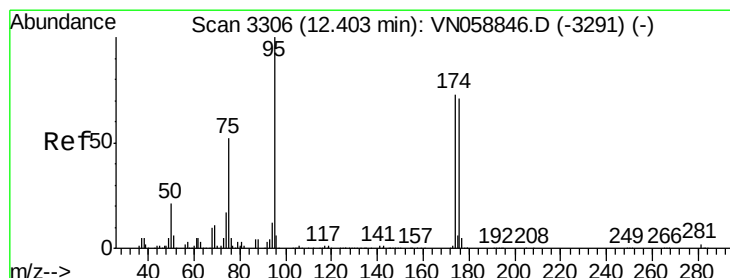
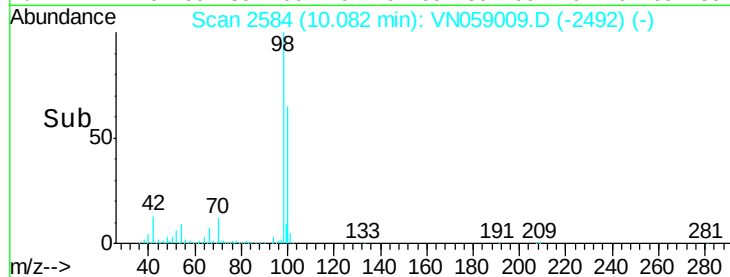
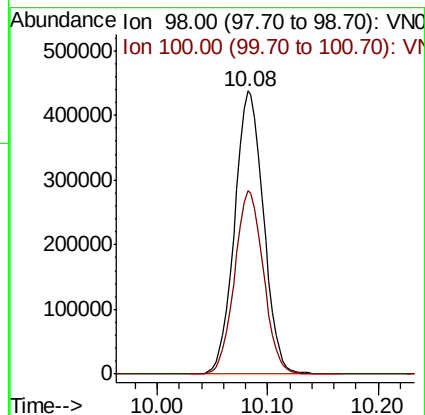
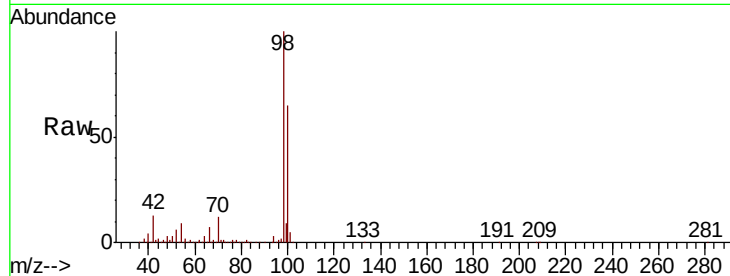
CSA-2-1-6

Tot Ion: 98 Resp: 795859

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 42.214 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059009.D

Acq: 29 Oct 2019 14:39

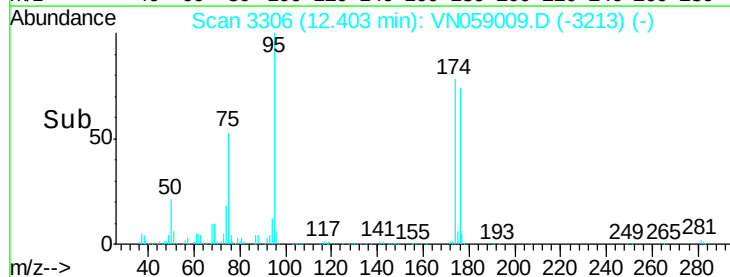
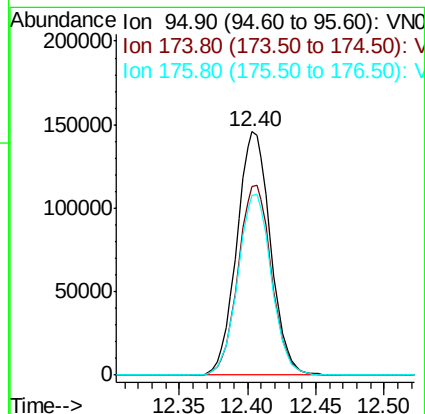
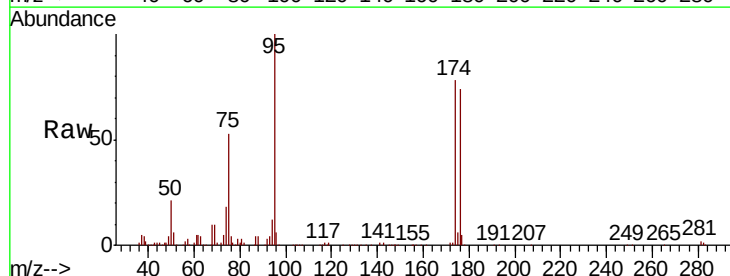
Tgt Ion: 95 Resp: 249828

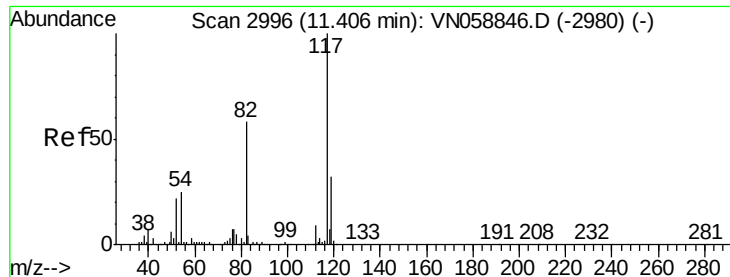
Ion Ratio Lower Upper

95 100

174 77.6 0.0 147.6

176 73.9 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059009.D

Acq: 29 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-1-6

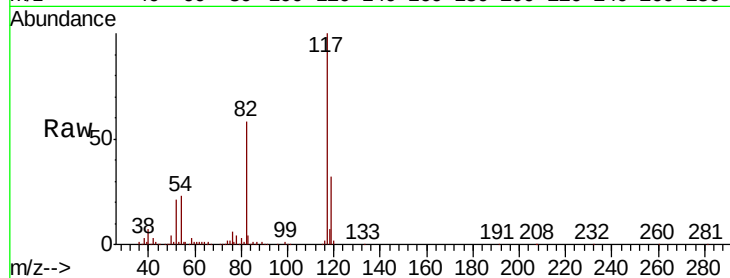
Tot Ion:117 Resp: 569335

Ion Ratio Lower Upper

117 100

82 57.9 46.6 69.8

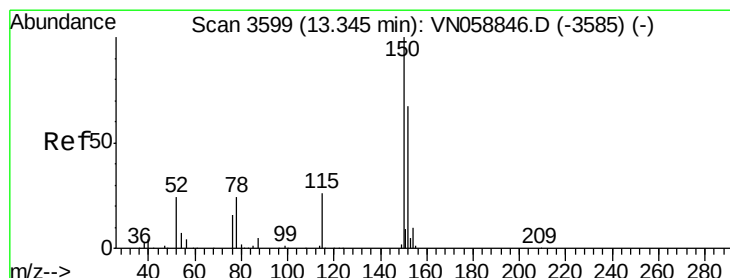
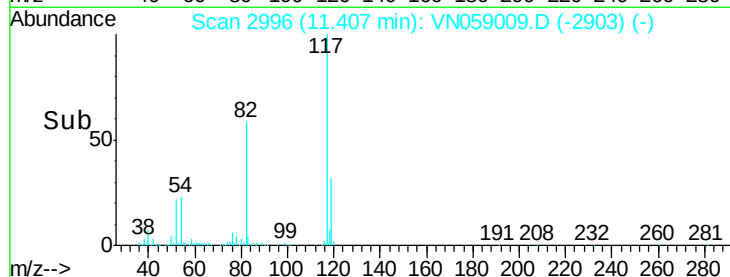
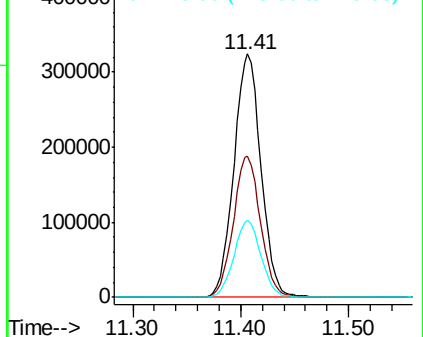
119 31.6 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059009.D

Acq: 29 Oct 2019 14:39

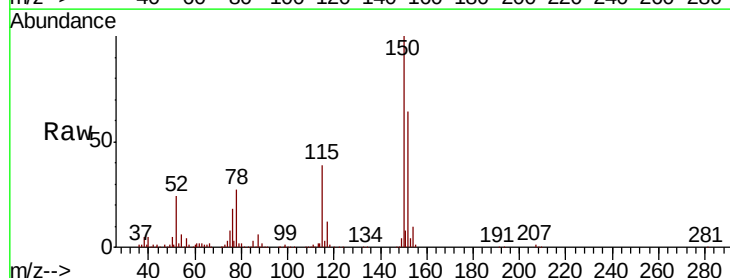
Tgt Ion:152 Resp: 205126

Ion Ratio Lower Upper

152 100

115 59.0 30.5 91.5

150 153.6 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

