

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058110.D
 Acq On : 16 Sep 2019 12:06
 Operator : JC/SP
 Sample : K4877-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-2-4

Quant Time: Sep 17 09:01:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

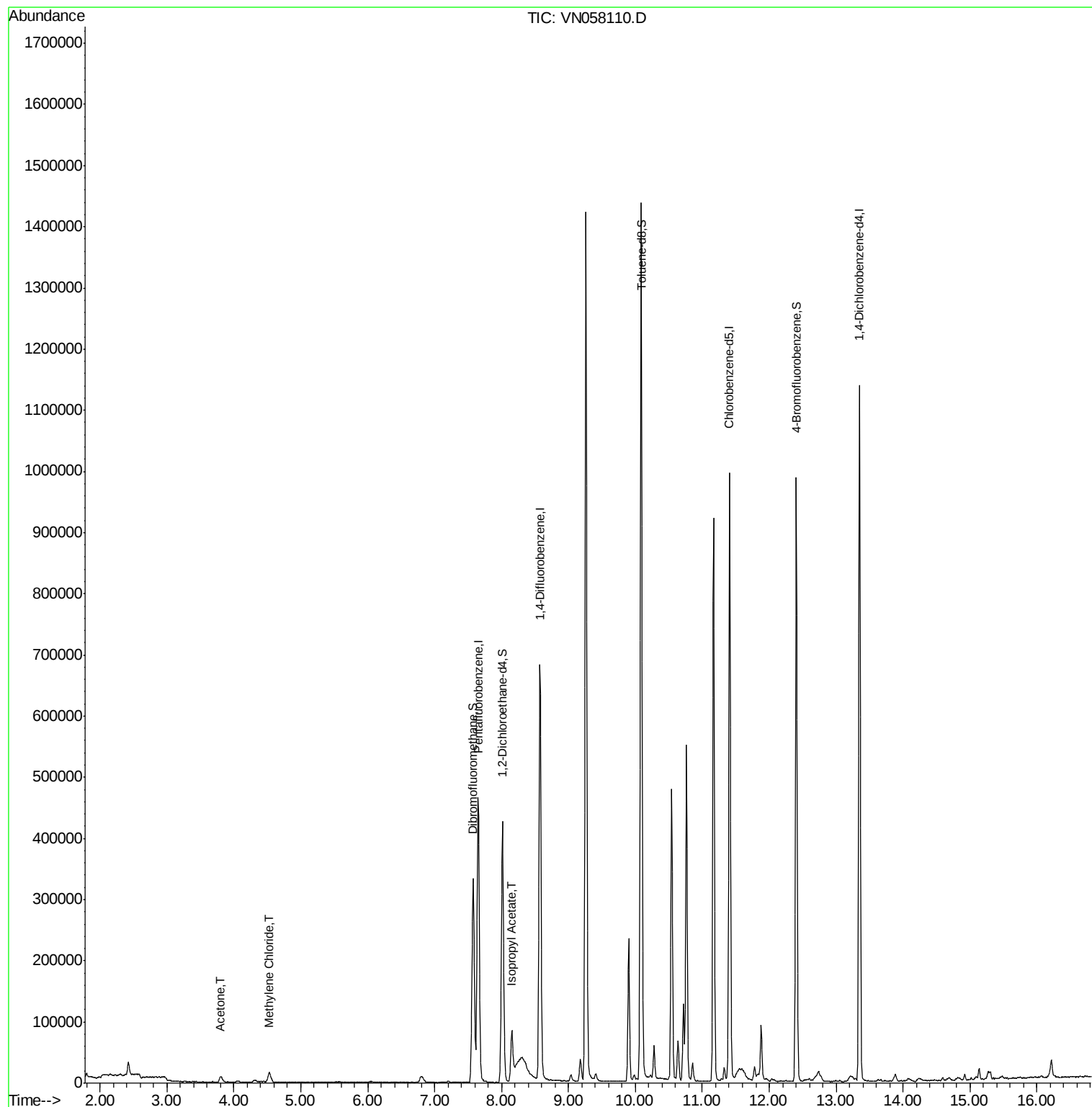
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	360276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	590618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	539383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	366226	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	7.58	113	254240	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
50) Toluene-d8	10.08	98	989656	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
62) 4-Bromofluorobenzene	12.40	95	333728	41.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.76%	
Target Compounds						
16) Acetone	3.80	43	18552	7.755	ug/l	96
20) Methylene Chloride	4.53	84	10815	1.173	ug/l	86
43) Isopropyl Acetate	8.15	43	103647	8.709	ug/l #	88

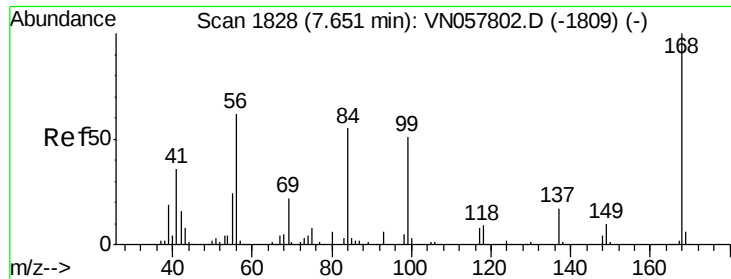
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058110.D

Acq: 16 Sep 2019 12:06

Instrument :

MSVOA_N

ClientSampleId :

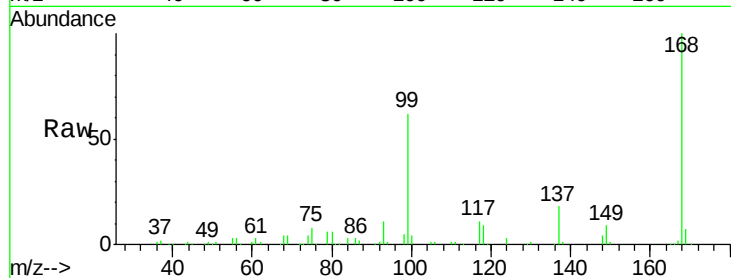
CSA-2-4

Tot Ion:168 Resp: 360276

Ion Ratio Lower Upper

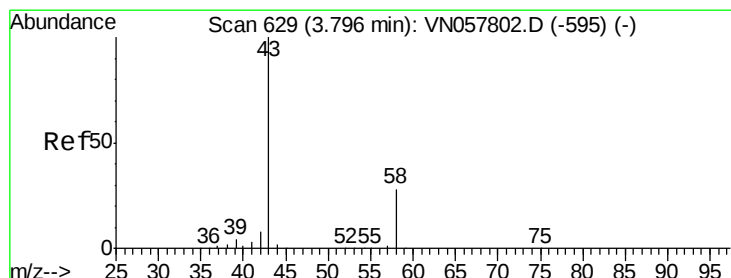
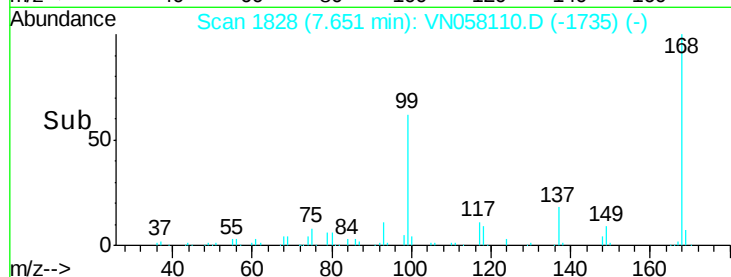
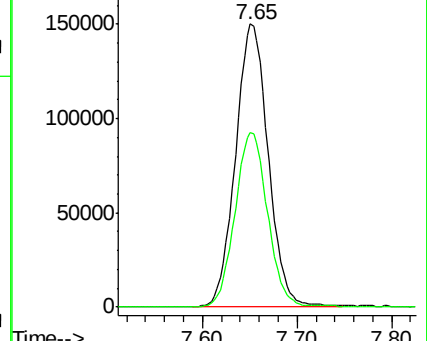
168 100

99 61.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.755 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058110.D

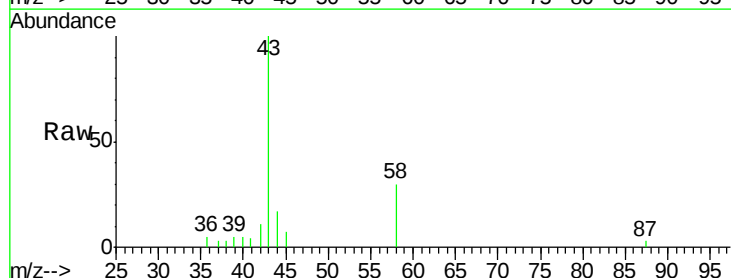
Acq: 16 Sep 2019 12:06

Tgt Ion: 43 Resp: 18552

Ion Ratio Lower Upper

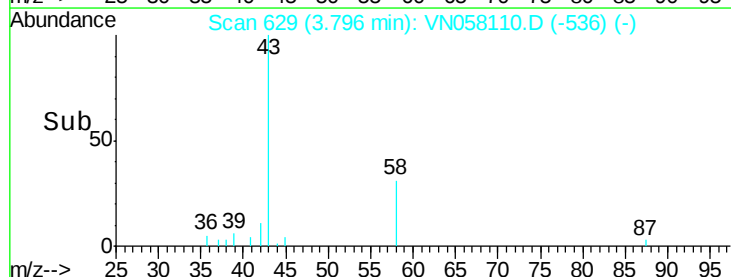
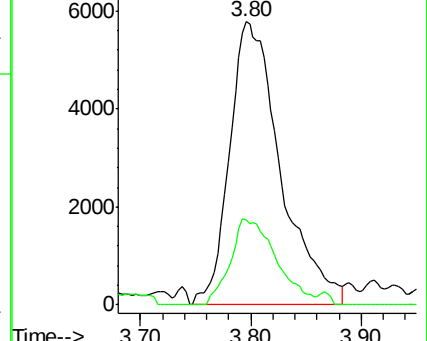
43 100

58 29.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

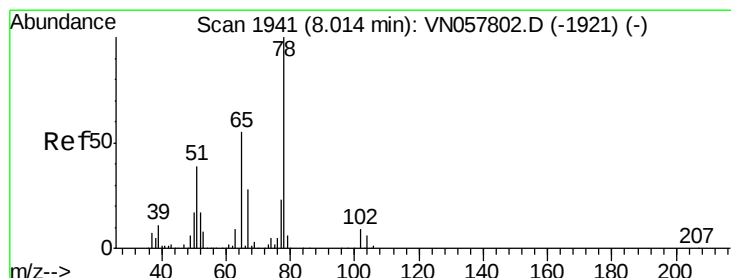
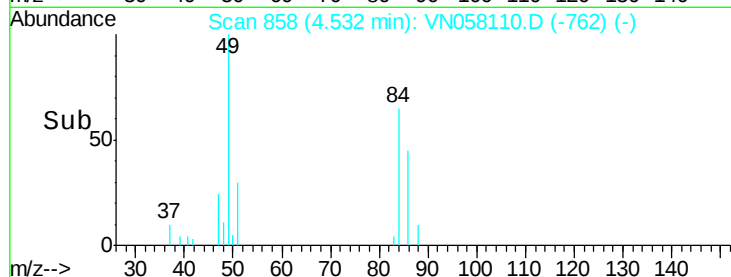
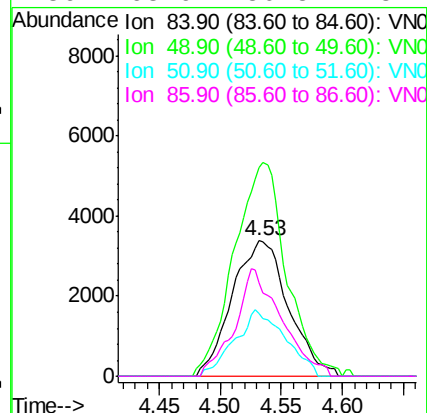
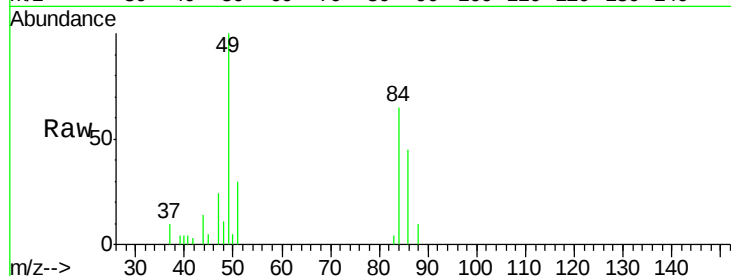




#20
Methylene Chloride
Concen: 1.173 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058110.D
Acq: 16 Sep 2019 12:06

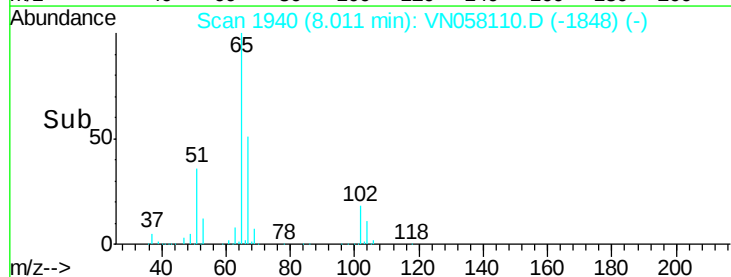
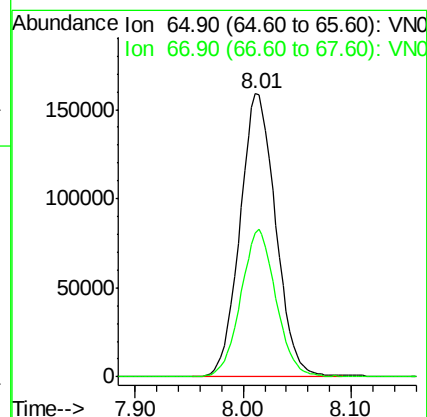
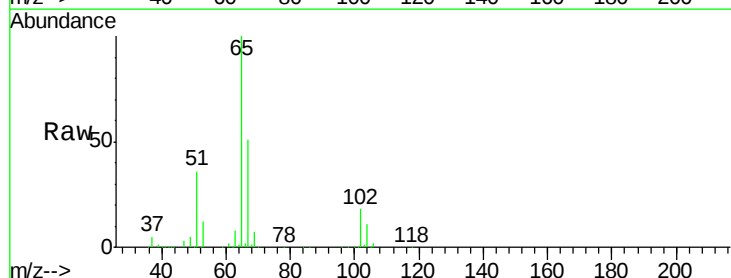
Instrument :
MSVOA_N
ClientSampled :
CSA-2-4

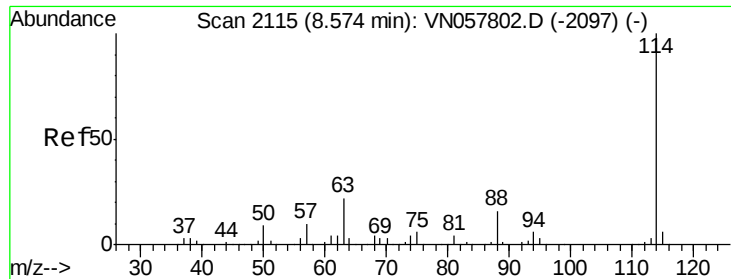
Tot Ion:	84	Resp:	10815
Ion	Ratio	Lower	Upper
84	100		
49	153.6	104.8	157.2
51	46.1	33.0	49.4
86	68.9	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 50.188 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058110.D
Acq: 16 Sep 2019 12:06

Tgt Ion:	65	Resp:	366226
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0

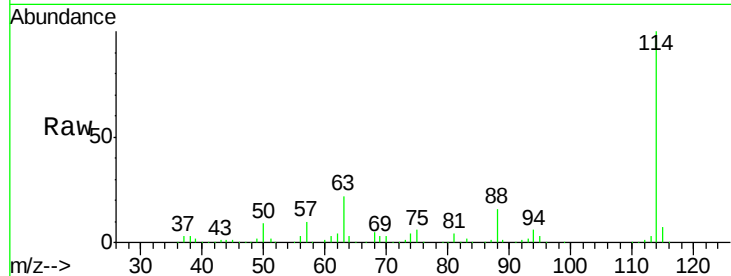




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058110.D
 Acq: 16 Sep 2019 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-2-4

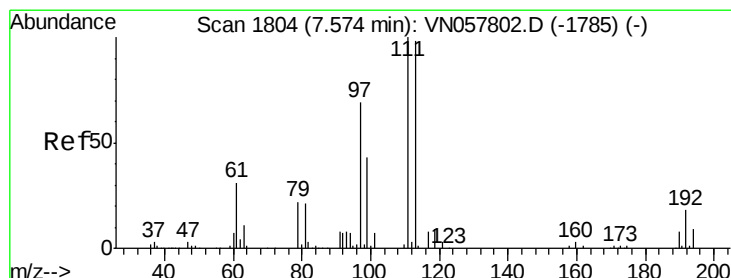
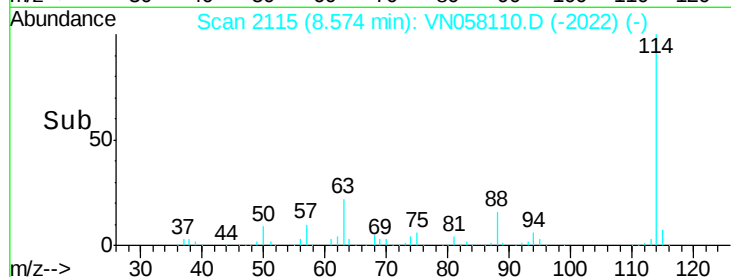
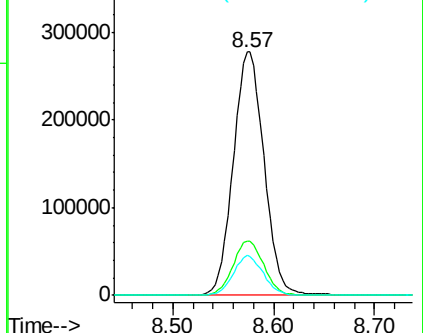
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.0
88	16.3	0.0	31.4



Abundance Ion 113.90 (113.60 to 114.60): V

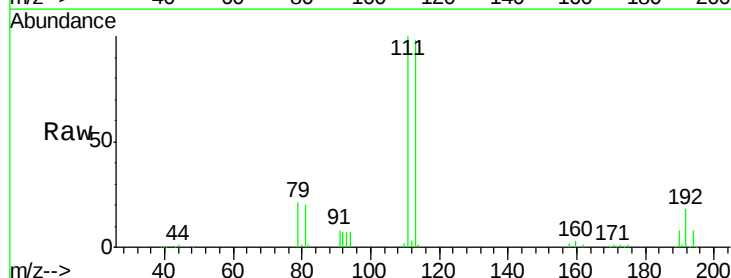
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 46.640 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058110.D
 Acq: 16 Sep 2019 12:06

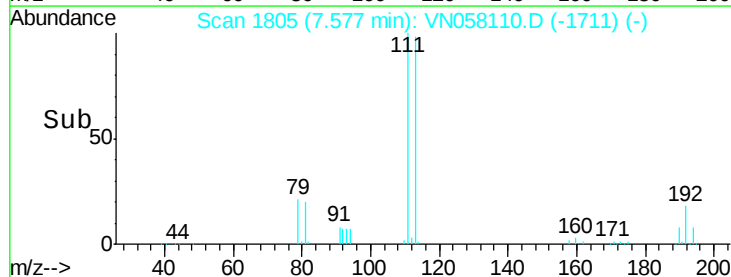
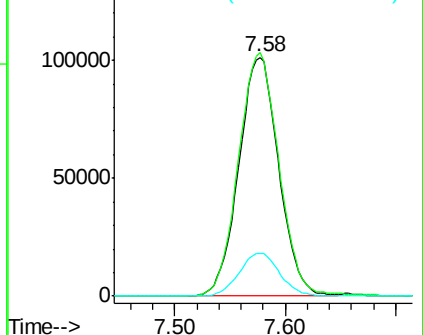
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.3	121.9
192	18.2	14.6	22.0

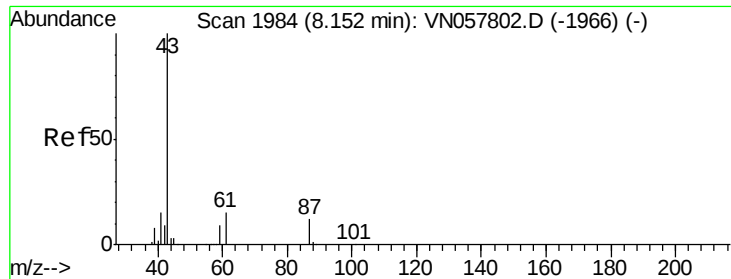


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.709 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058110.D

Acq: 16 Sep 2019 12:06

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-4

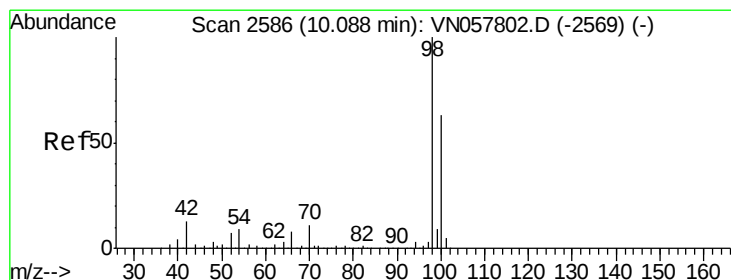
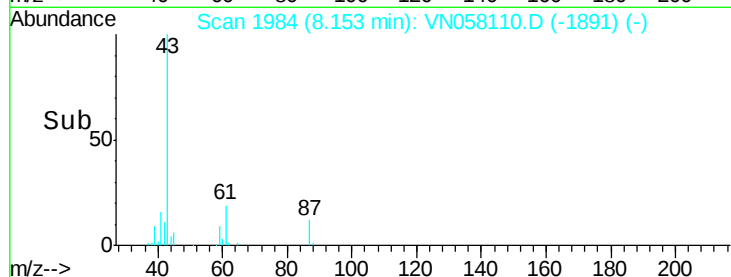
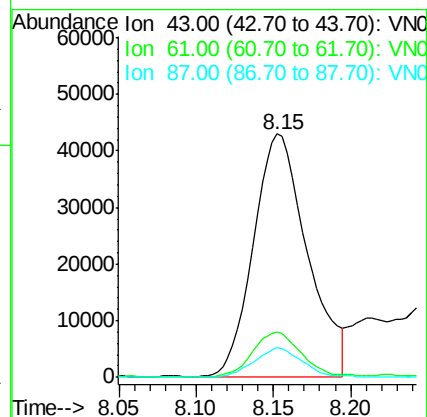
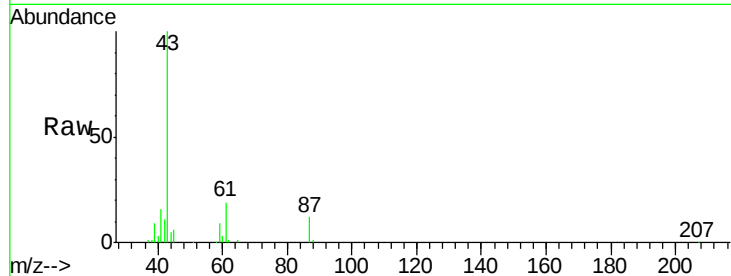
Tot Ion: 43 Resp: 103647

Ion Ratio Lower Upper

43 100

61 17.3 20.1 30.1#

87 10.8 9.5 14.3



#50

Toluene-d8

Concen: 46.760 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058110.D

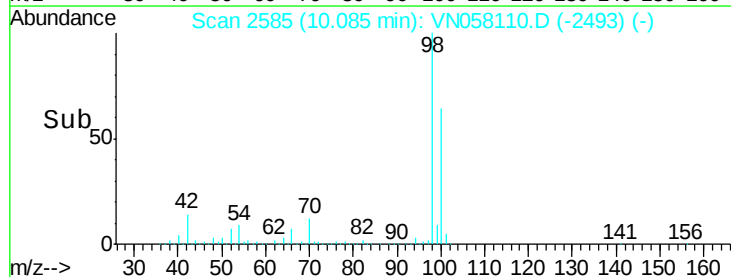
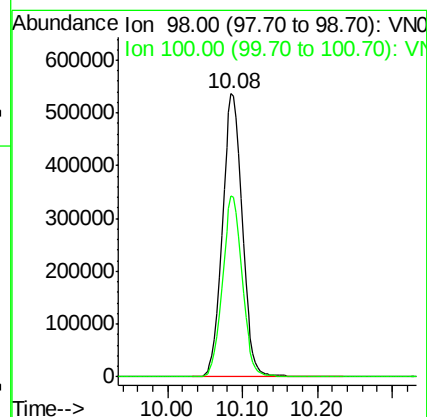
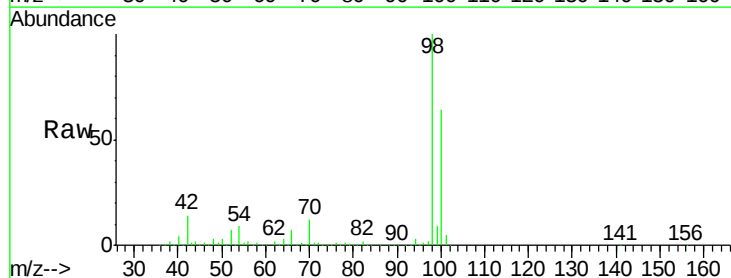
Acq: 16 Sep 2019 12:06

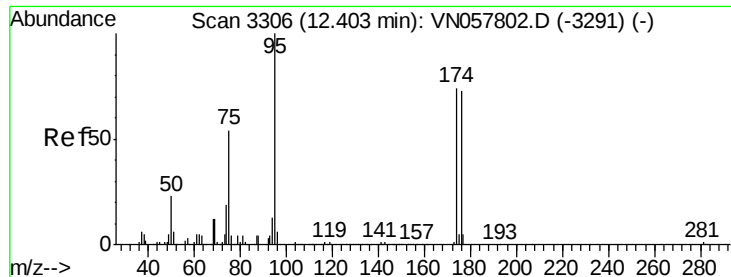
Tgt Ion: 98 Resp: 989656

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 41.377 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058110.D

Acq: 16 Sep 2019 12:06

Instrument :

MSVOA_N

ClientSampled :

CSA-2-4

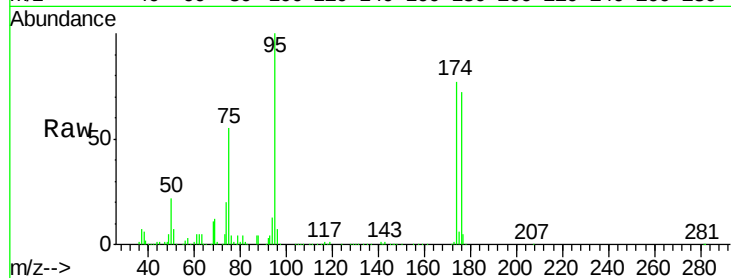
Tot Ion: 95 Resp: 333728

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.2

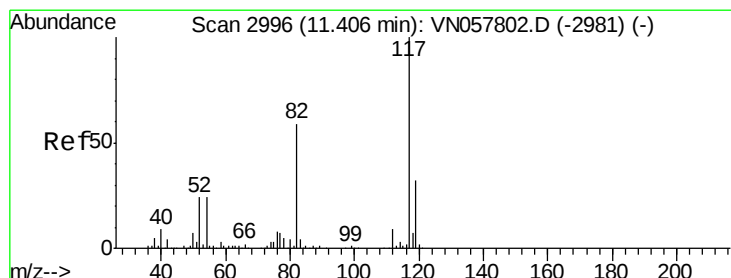
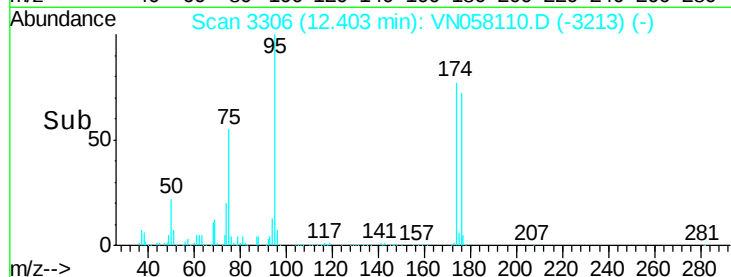
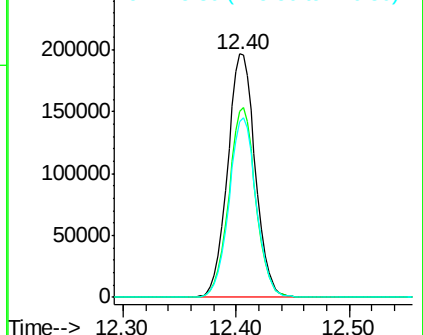
176 72.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058110.D

Acq: 16 Sep 2019 12:06

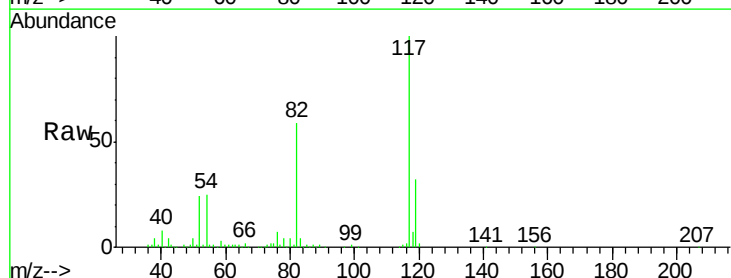
Tgt Ion: 117 Resp: 539383

Ion Ratio Lower Upper

117 100

82 58.9 47.2 70.8

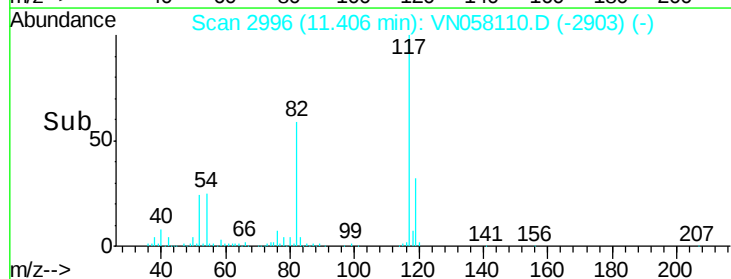
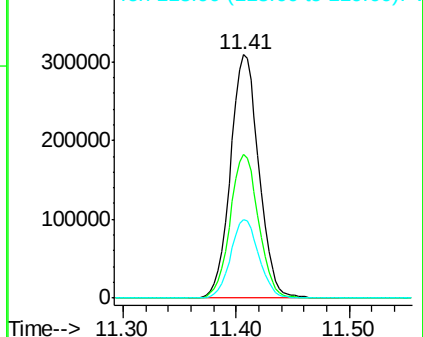
119 32.4 25.3 37.9

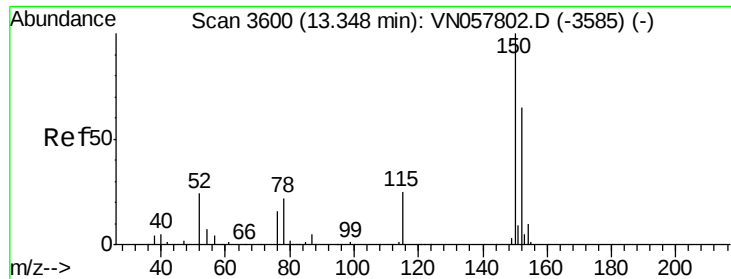


Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058110.D

Acq: 16 Sep 2019 12:06

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-4

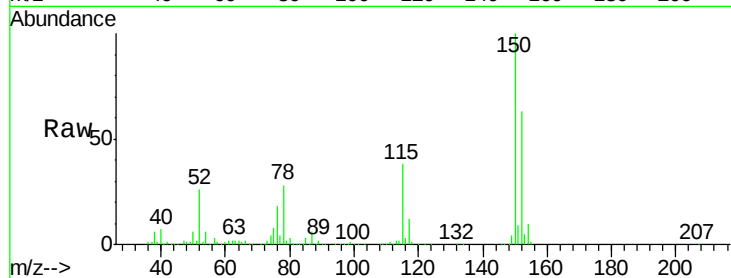
Tot Ion:152 Resp: 282179

Ion Ratio Lower Upper

152 100

115 60.8 30.3 91.0

150 160.4 0.0 352.4



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

