

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058058.D
 Acq On : 14 Sep 2019 7:50
 Operator : JC/SP
 Sample : K4825-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-4-2

Quant Time: Sep 16 05:35:25 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

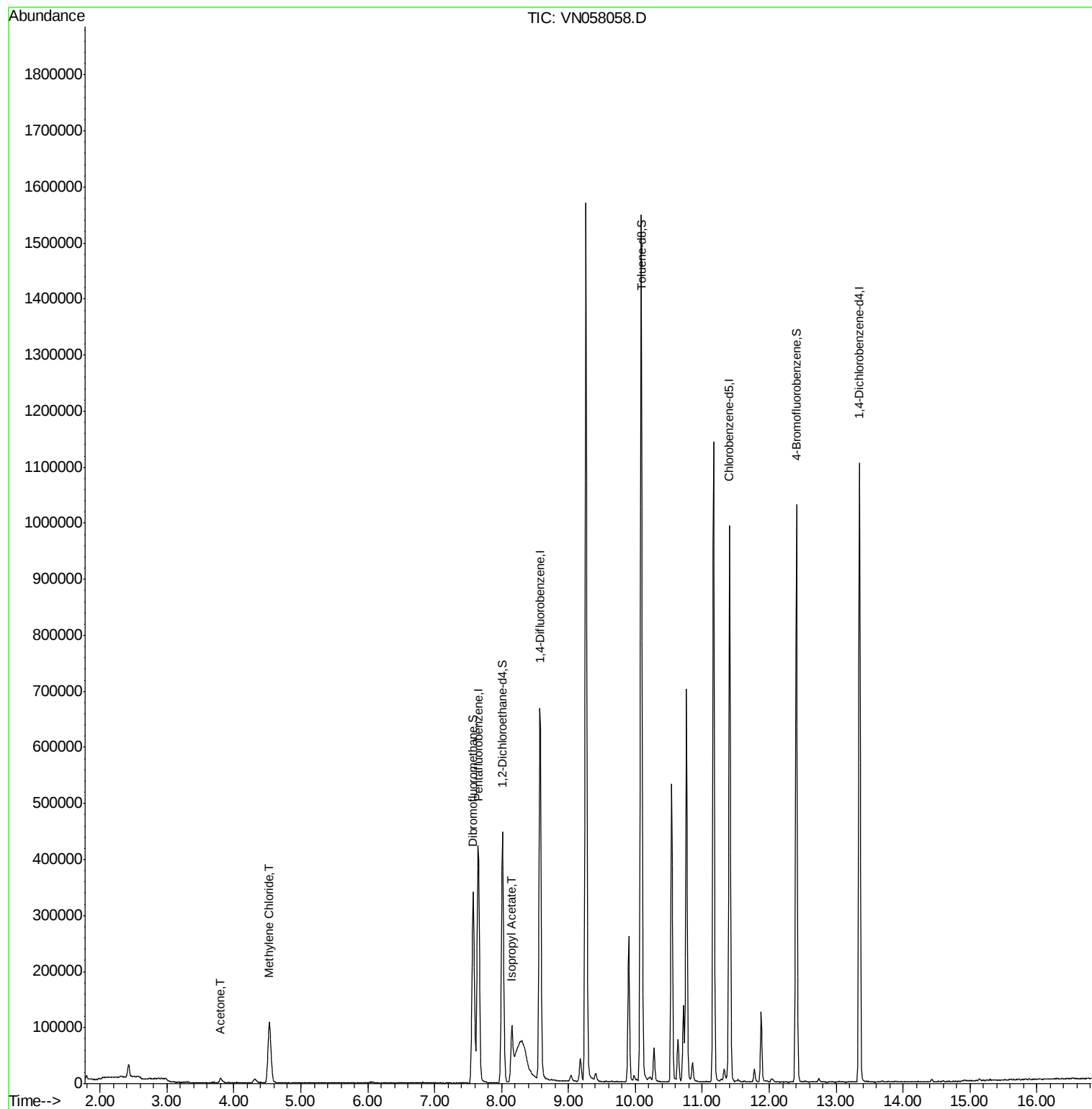
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	339325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	579207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	531069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278789	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	390562	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	7.58	113	259081	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	10.09	98	1060419	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.41	95	346771	43.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.68%	
Target Compounds						
16) Acetone	3.80	43	12797	5.680	ug/l	96
20) Methylene Chloride	4.53	84	80881	18.071	ug/l	97
43) Isopropyl Acetate	8.16	43	128143	10.979	ug/l #	83

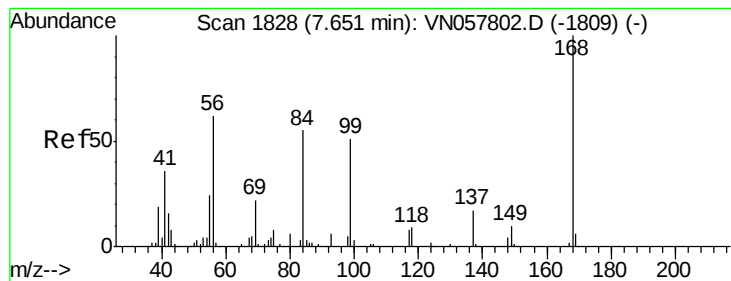
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058058.D

Acq: 14 Sep 2019 7:50

Instrument :

MSVOA_N

ClientSampled :

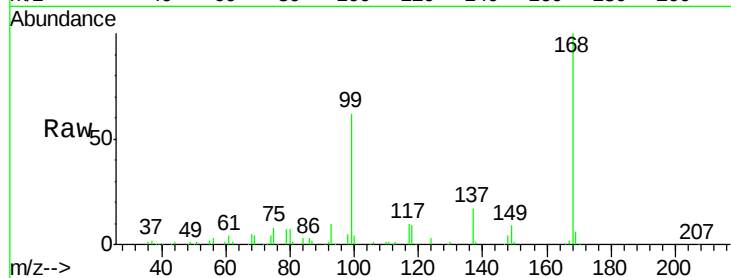
CSA-4-2

Tot Ion:168 Resp: 339325

Ion Ratio Lower Upper

168 100

99 61.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

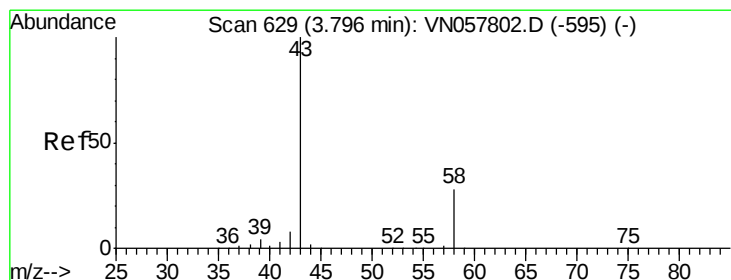
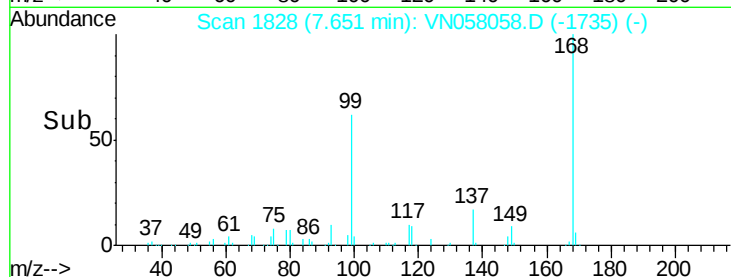
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.680 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058058.D

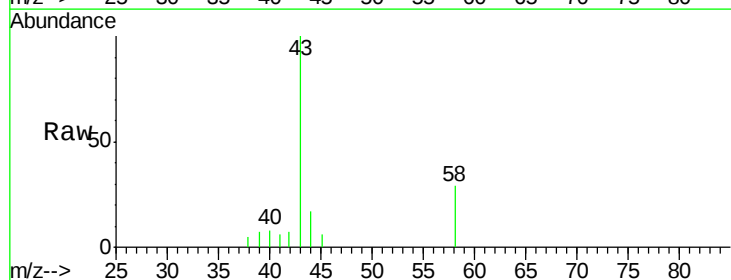
Acq: 14 Sep 2019 7:50

Tgt Ion: 43 Resp: 12797

Ion Ratio Lower Upper

43 100

58 29.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

6000

5000

4000

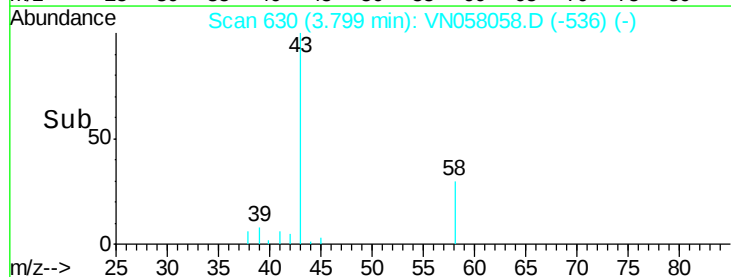
3000

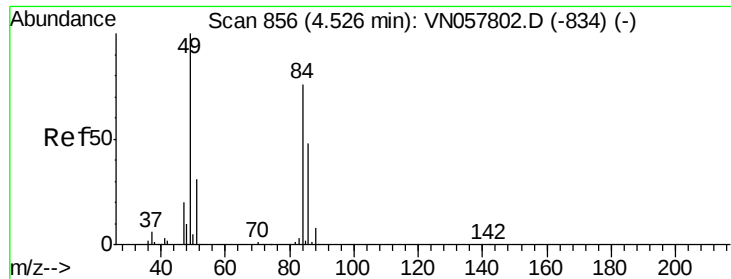
2000

1000

0

Time--> 3.70 3.80 3.90

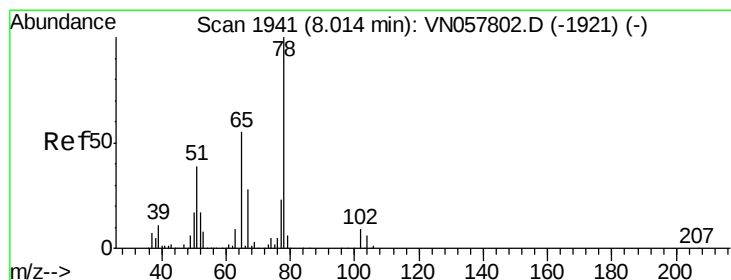
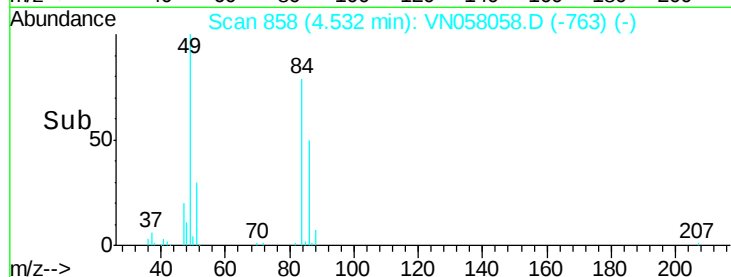
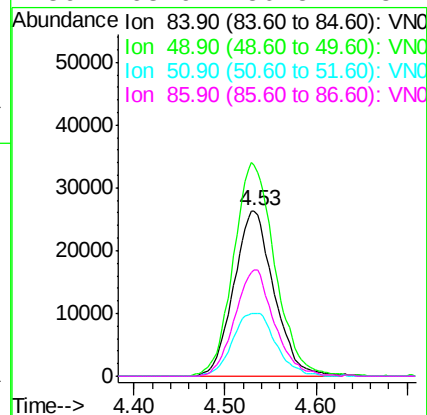
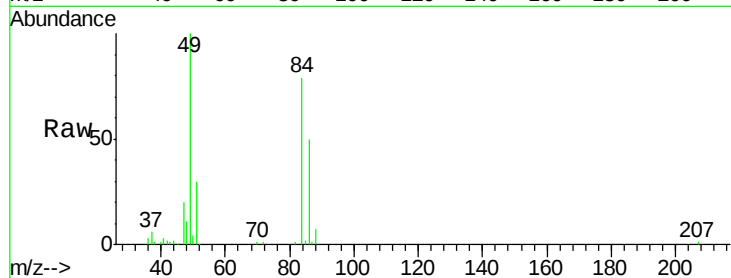




#20
Methvlene Chloride
Concen: 18.071 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058058.D
Acq: 14 Sep 2019 7:50

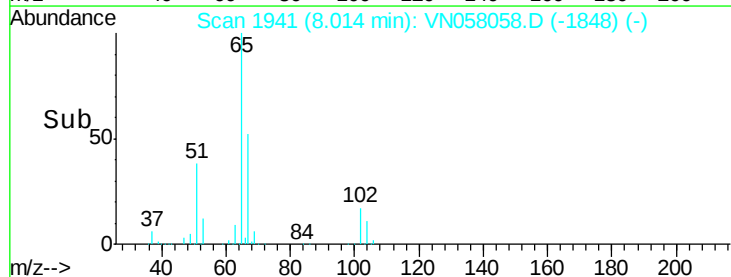
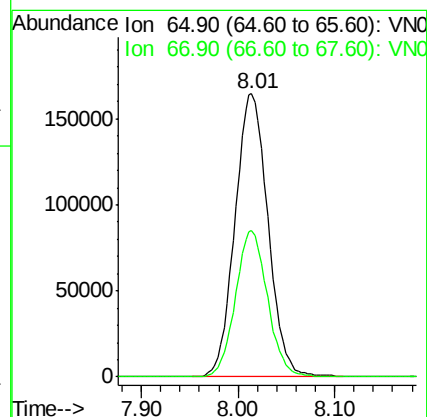
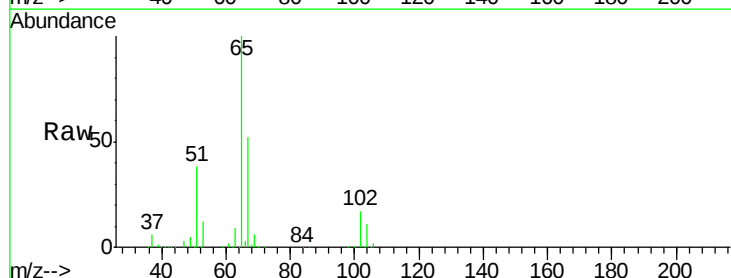
Instrument :
MSVOA_N
ClientSampled :
CSA-4-2

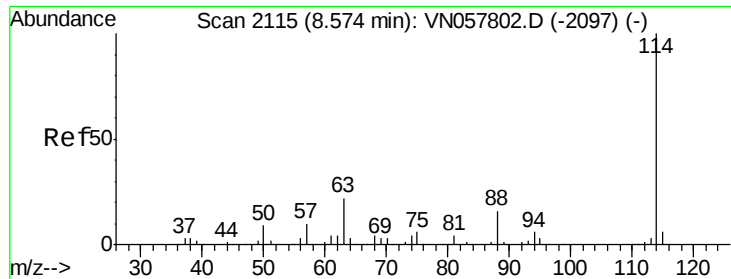
Tot Ion: 84 Resp: 80881
Ion Ratio Lower Upper
84 100
49 126.5 104.8 157.2
51 38.3 33.0 49.4
86 63.9 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 56.828 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058058.D
Acq: 14 Sep 2019 7:50

Tgt Ion: 65 Resp: 390562
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.0

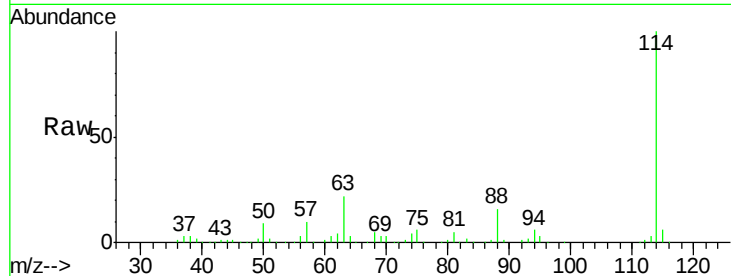




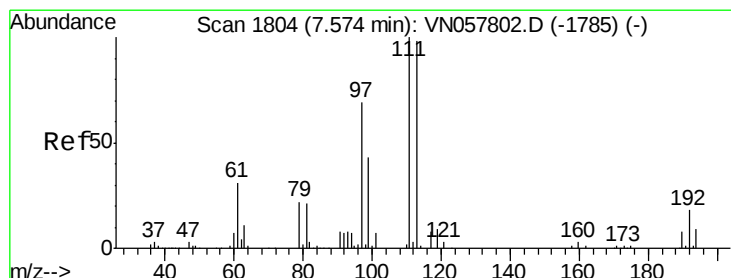
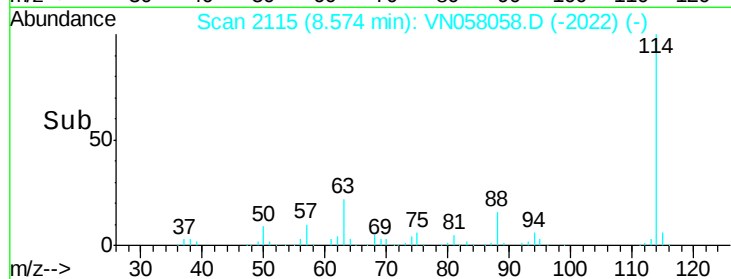
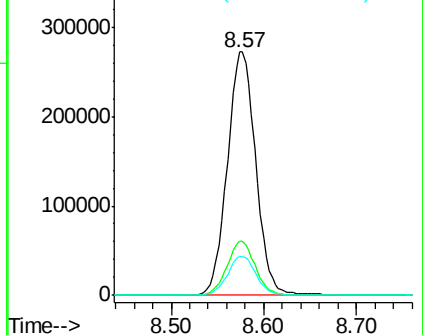
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058058.D
 Acq: 14 Sep 2019 7:50

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-4-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.1	0.0	31.4

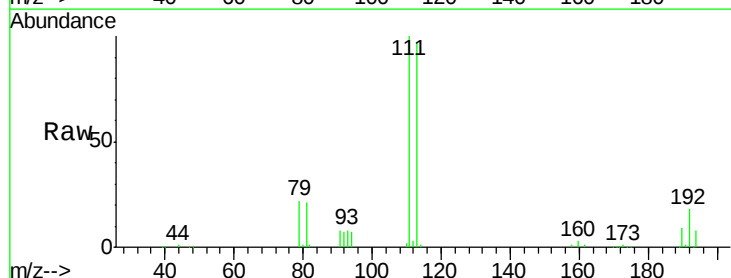


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

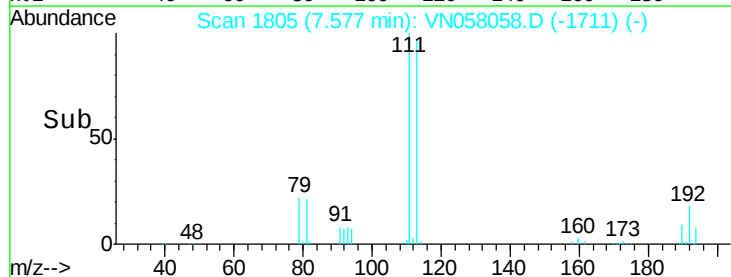
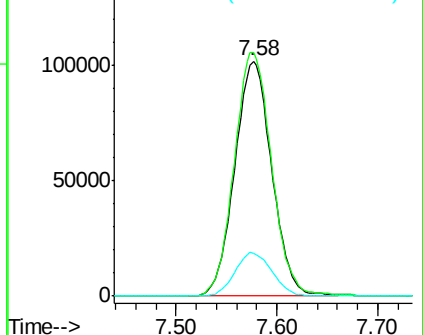


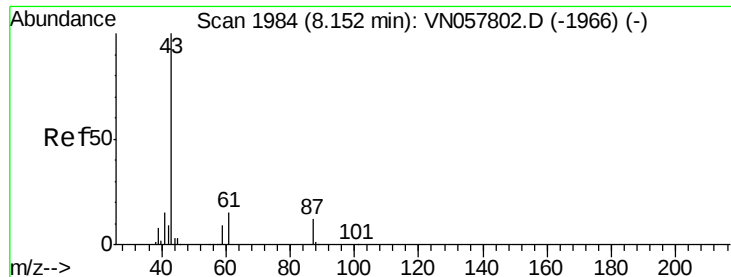
#35
 Dibromofluoromethane
 Concen: 48.464 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058058.D
 Acq: 14 Sep 2019 7:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.3	121.9
192	18.6	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



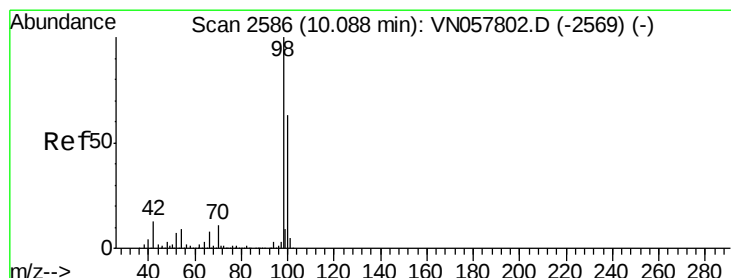
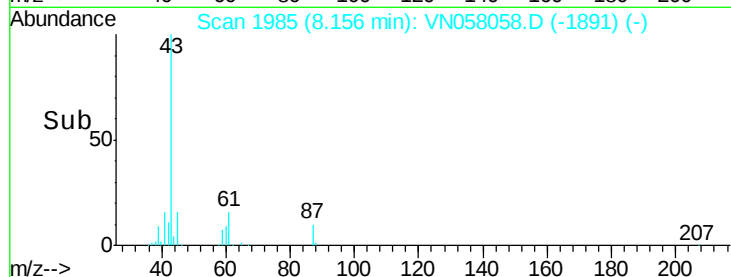
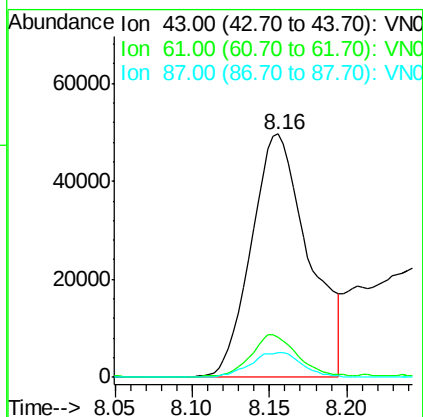
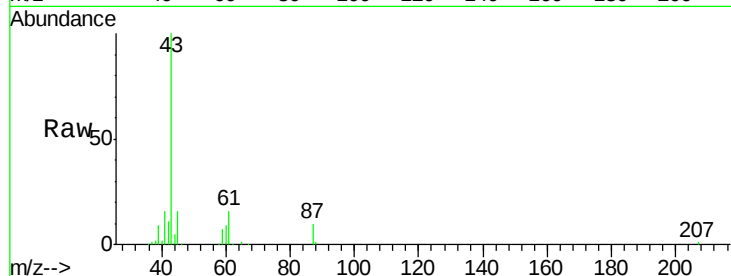


#43

Isopropyl Acetate
 Concen: 10.979 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN058058.D
 Acq: 14 Sep 2019 7:50

Instrument :
 MSVOA_N
 ClientSampled :
 CSA-4-2

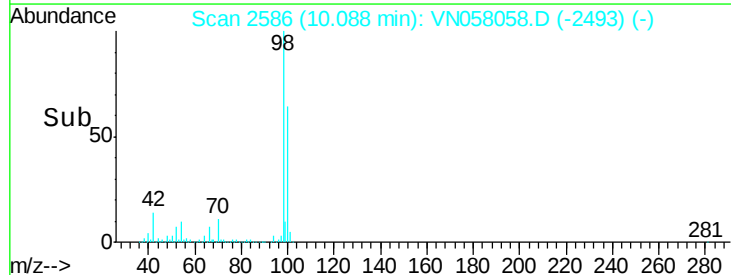
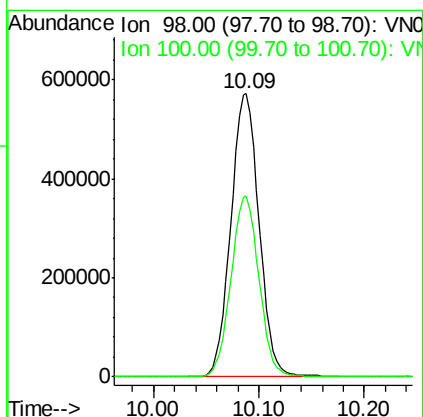
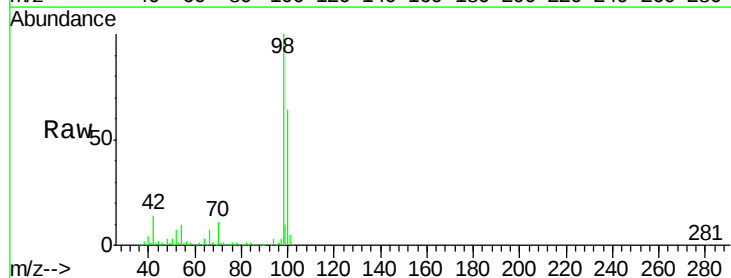
Tot Ion: 43 Resp: 128143
 Ion Ratio Lower Upper
 43 100
 61 14.5 20.1 30.1#
 87 9.1 9.5 14.3#



#50

Toluene-d8
 Concen: 51.091 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN058058.D
 Acq: 14 Sep 2019 7:50

Tgt Ion: 98 Resp: 1060419
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 43.841 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058058.D

Acq: 14 Sep 2019 7:50

Instrument :

MSVOA_N

ClientSampled :

CSA-4-2

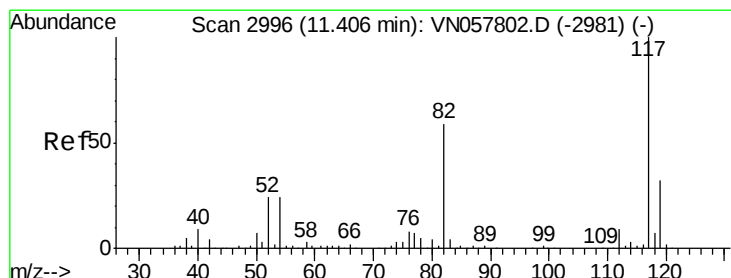
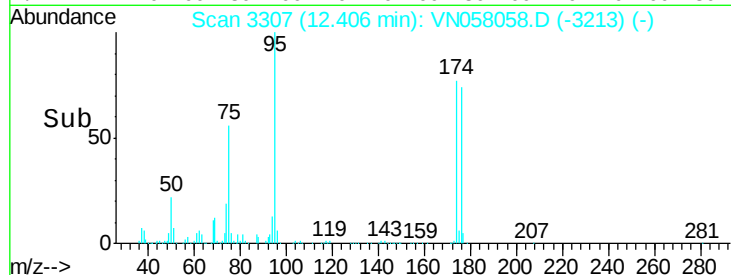
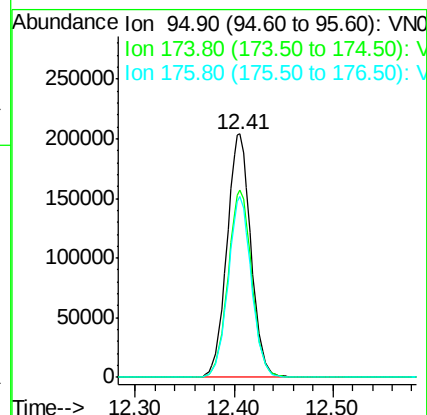
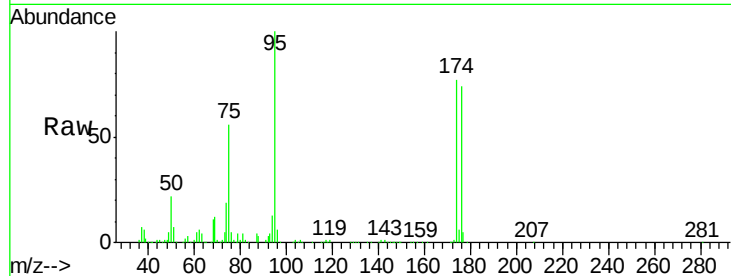
Tot Ion: 95 Resp: 346771

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.2

176 72.2 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058058.D

Acq: 14 Sep 2019 7:50

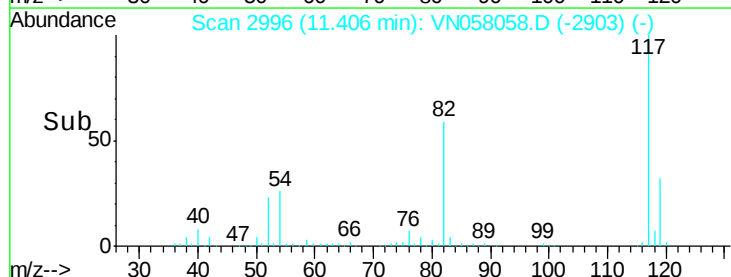
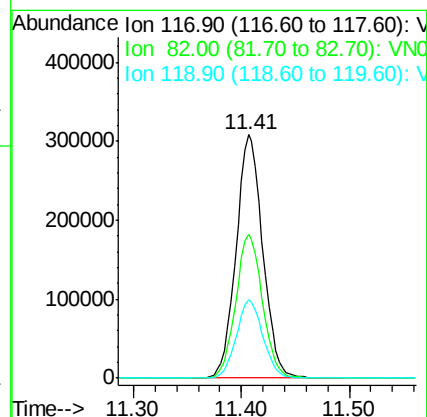
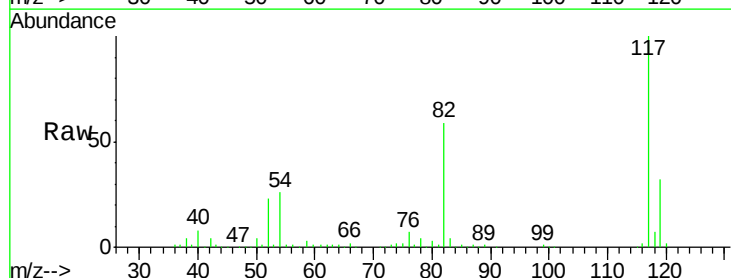
Tgt Ion: 117 Resp: 531069

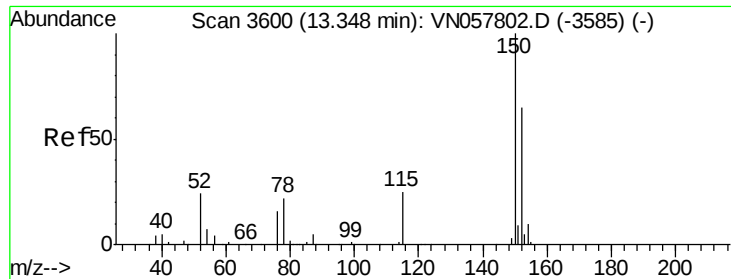
Ion Ratio Lower Upper

117 100

82 59.1 47.2 70.8

119 32.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058058.D

Acq: 14 Sep 2019 7:50

Instrument :

MSVOA_N

ClientSampleId :

CSA-4-2

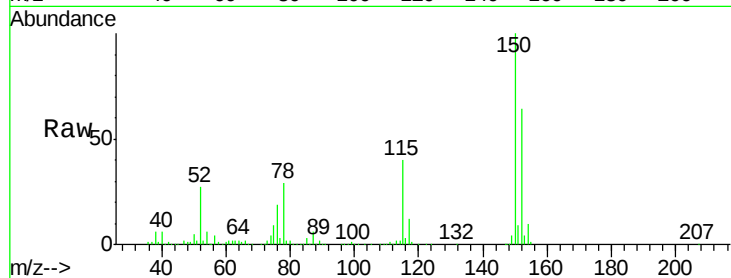
Tot Ion:152 Resp: 278789

Ion Ratio Lower Upper

152 100

115 61.4 30.3 91.0

150 156.6 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

