

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058069.D
 Acq On : 14 Sep 2019 11:50
 Operator : JC/SP
 Sample : K4863-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-4-7

Quant Time: Sep 16 05:42:17 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

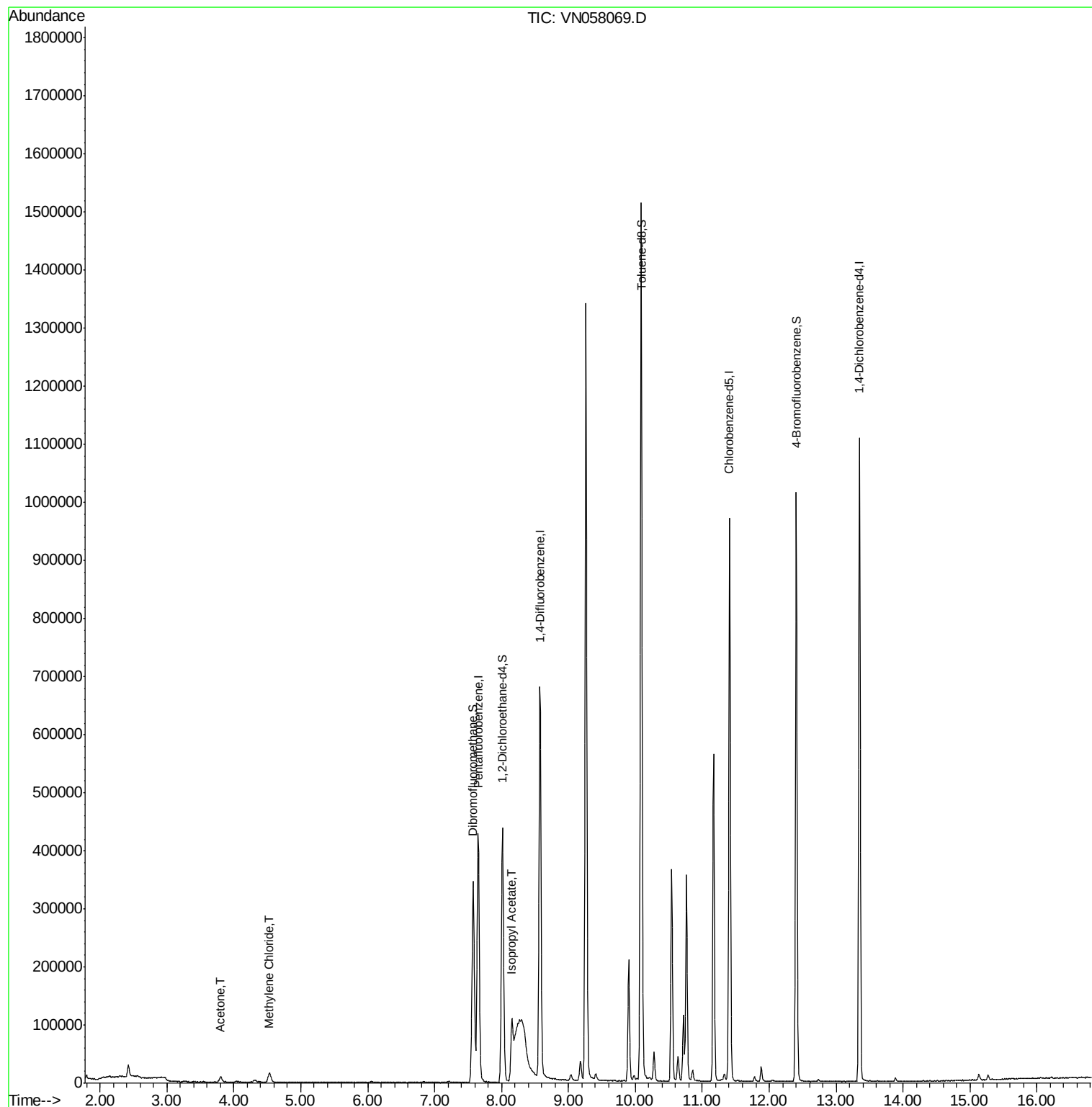
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	333440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	579183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	386312	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	7.57	113	258229	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
50) Toluene-d8	10.09	98	1035443	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.41	95	341724	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
Target Compounds						
16) Acetone	3.80	43	14090	6.364	ug/l	90
20) Methylene Chloride	4.54	84	11576	1.554	ug/l	95
43) Isopropyl Acetate	8.15	43	132151	11.323	ug/l #	83

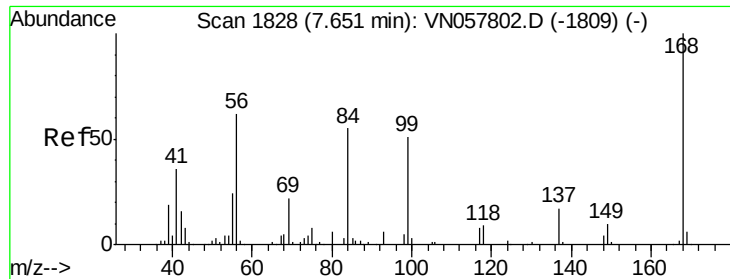
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 10 03:02:13 2019
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: VN058069.D

Acq: 14 Sep 2019 11:50

Instrument :

MSVOA_N

ClientSampleId :

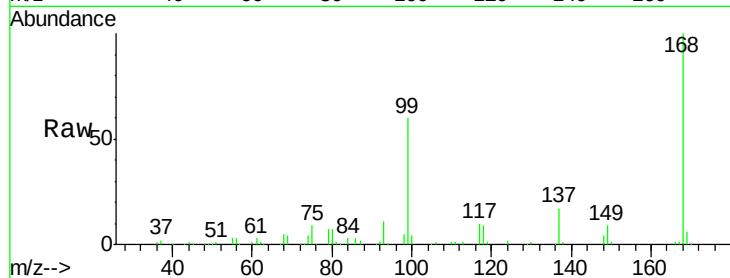
CSA-4-7

Tot Ion:168 Resp: 333440

Ion Ratio Lower Upper

168 100

99 59.9 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

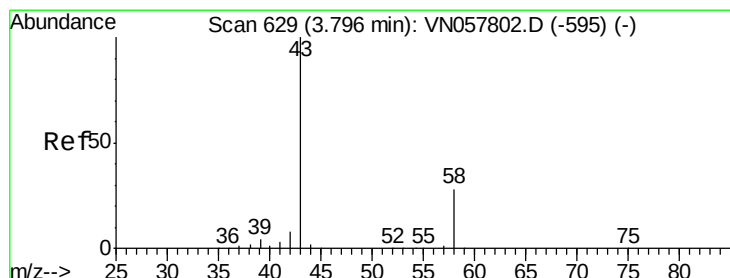
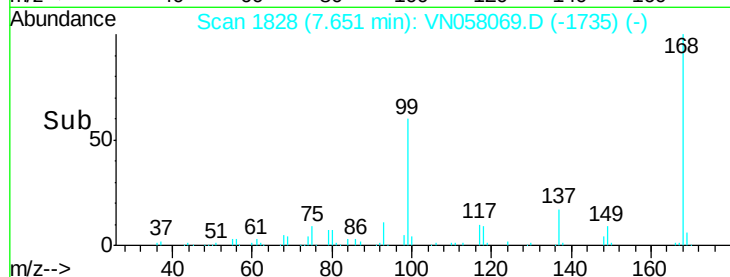
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.364 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058069.D

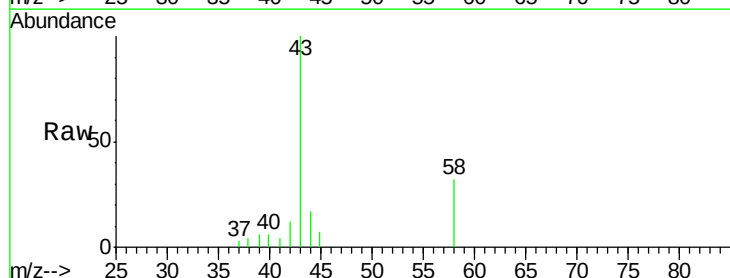
Acq: 14 Sep 2019 11:50

Tgt Ion: 43 Resp: 14090

Ion Ratio Lower Upper

43 100

58 32.9 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

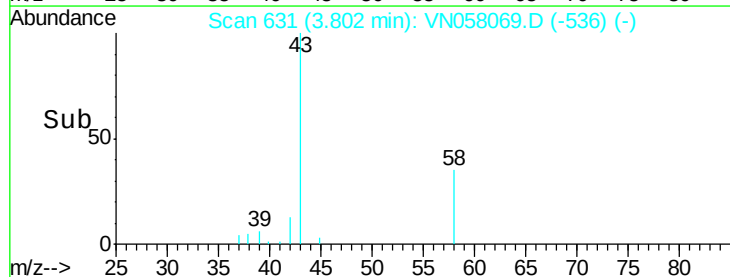
2000

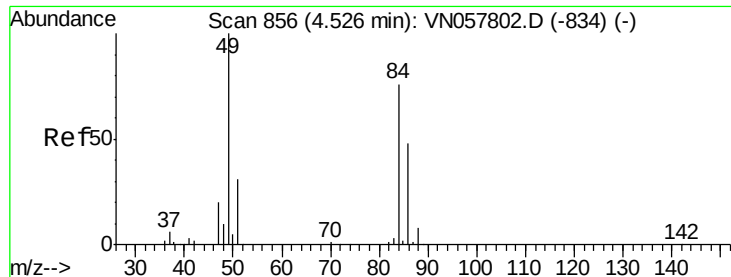
1000

0

3.70 3.75 3.80 3.85

Time-->

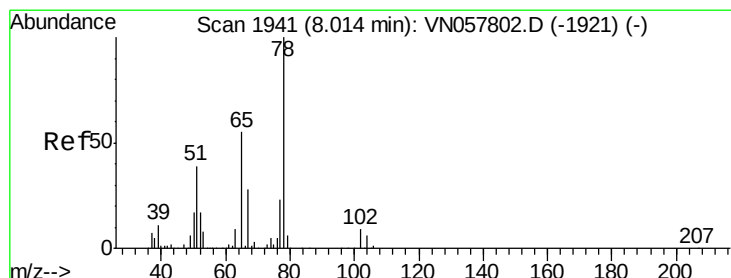
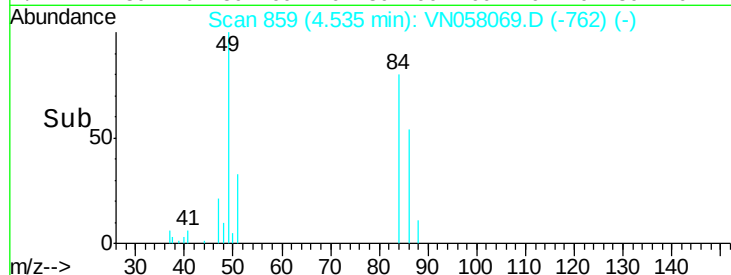
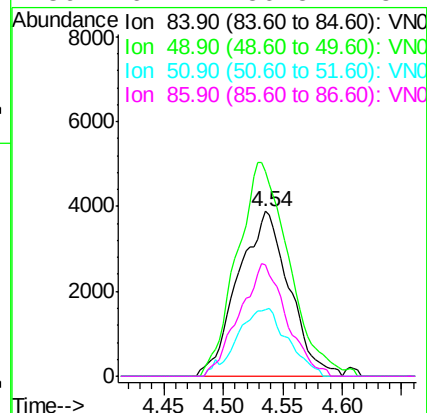
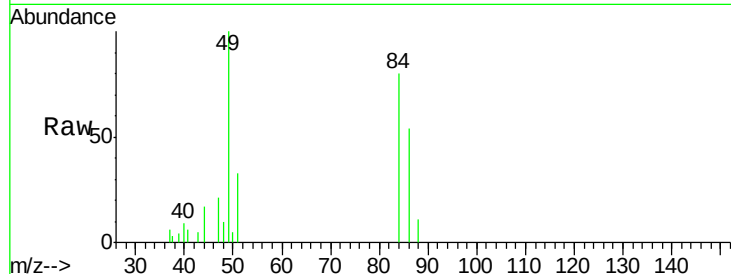




#20
Methylene Chloride
Concen: 1.554 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN058069.D
Acq: 14 Sep 2019 11:50

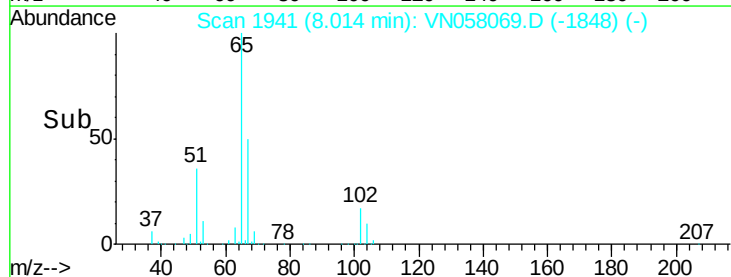
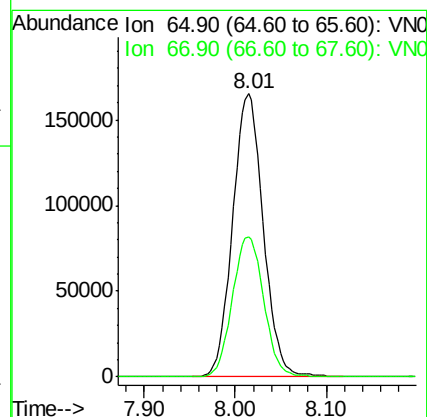
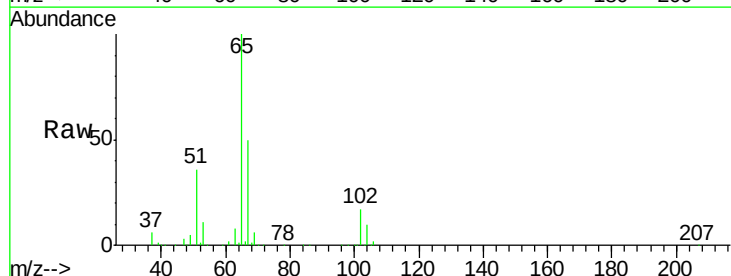
Instrument :
MSVOA_N
ClientSampled :
CSA-4-7

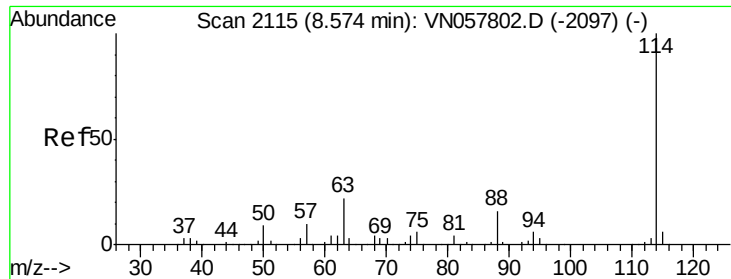
Tot Ion: 84 Resp: 11576
Ion Ratio Lower Upper
84 100
49 124.3 104.8 157.2
51 40.4 33.0 49.4
86 67.4 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 57.201 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058069.D
Acq: 14 Sep 2019 11:50

Tgt Ion: 65 Resp: 386312
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

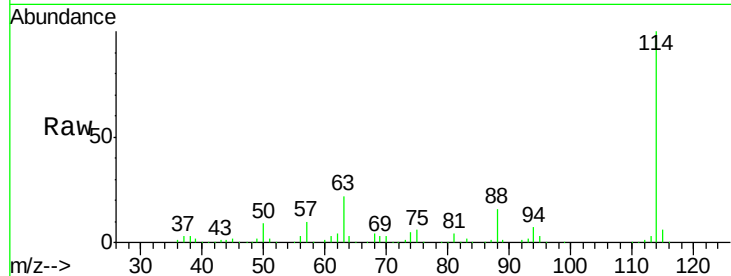




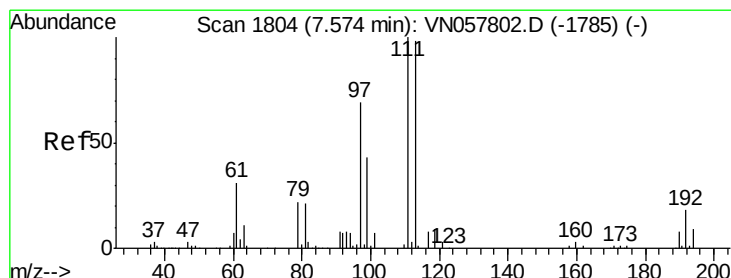
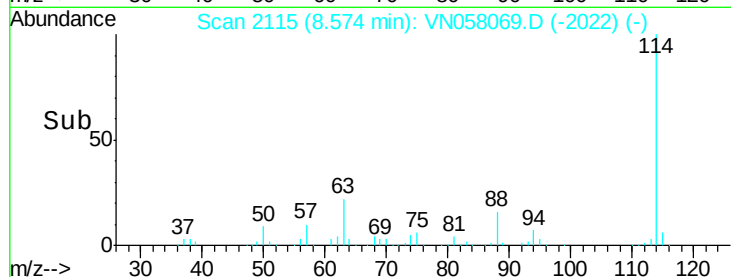
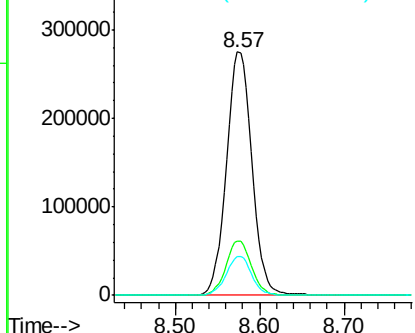
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058069.D
 Acq: 14 Sep 2019 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-4-7

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.0
88	16.1	0.0	31.4

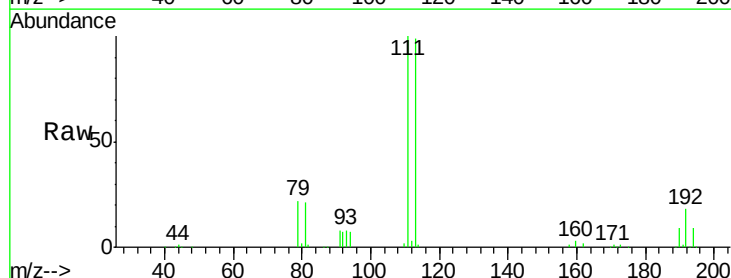


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

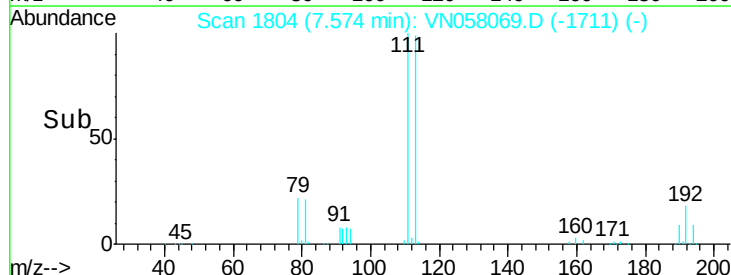
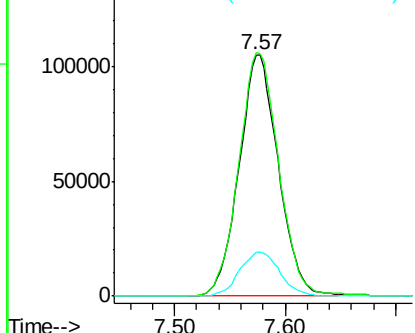


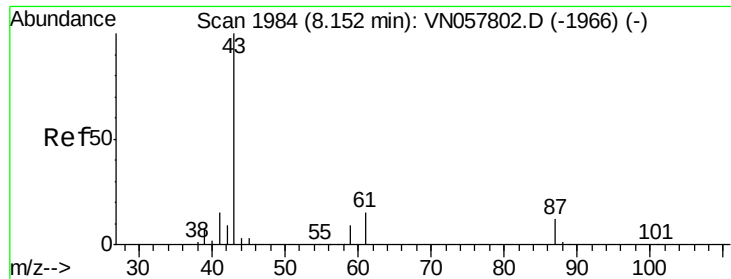
#35
 Dibromofluoromethane
 Concen: 48.307 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058069.D
 Acq: 14 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	18.7	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: 11.323 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058069.D

Acq: 14 Sep 2019 11:50

Instrument :

MSVOA_N

ClientSampleId :

CSA-4-7

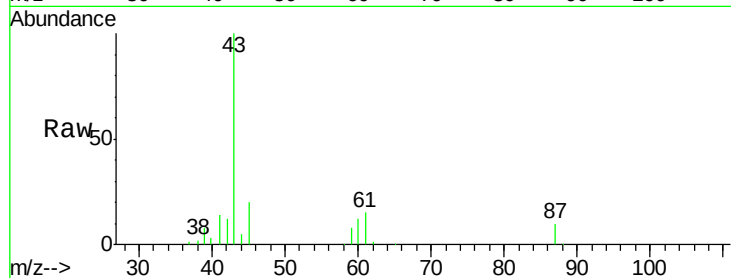
Tot Ion: 43 Resp: 132151

Ion Ratio Lower Upper

43 100

61 13.9 20.1 30.1#

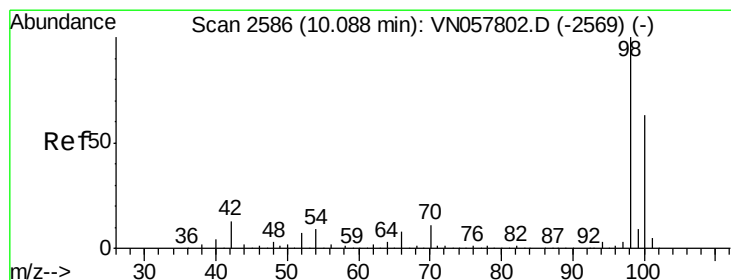
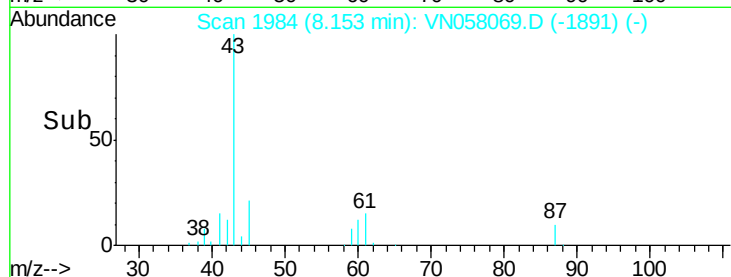
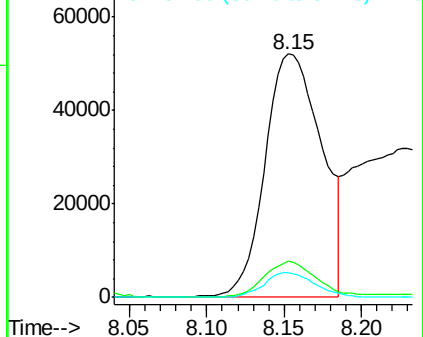
87 9.1 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.890 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058069.D

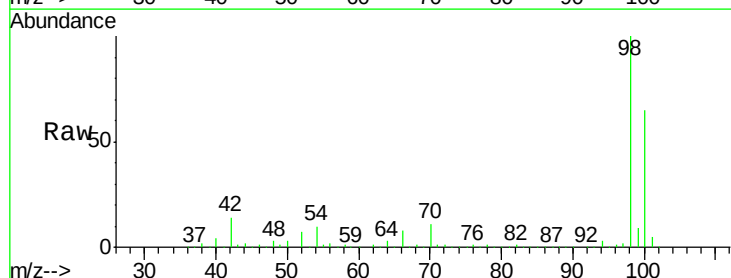
Acq: 14 Sep 2019 11:50

Tgt Ion: 98 Resp: 1035443

Ion Ratio Lower Upper

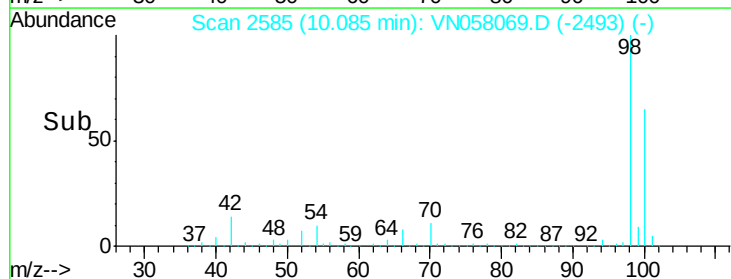
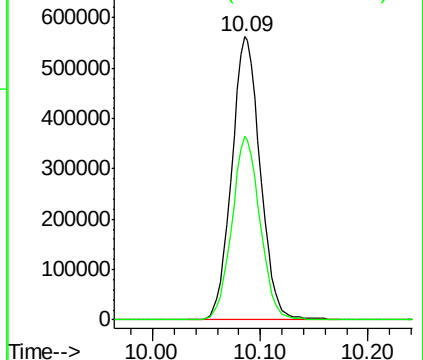
98 100

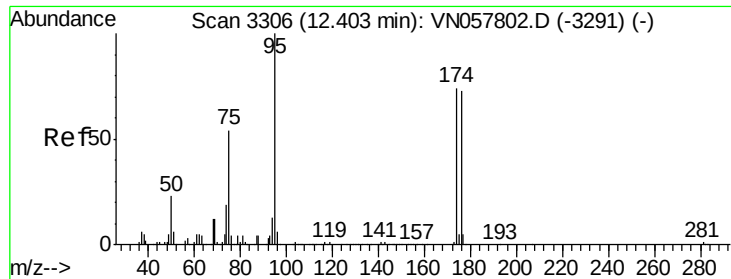
100 63.9 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

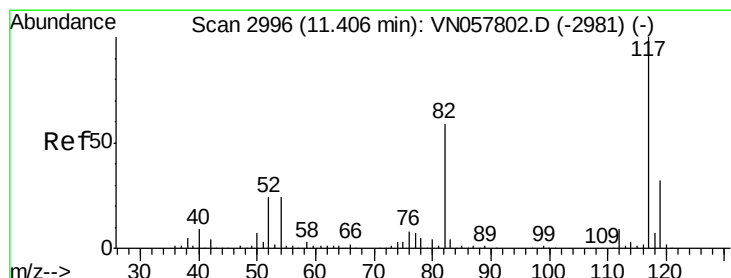
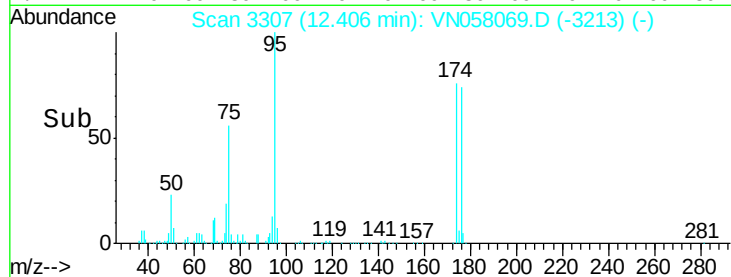
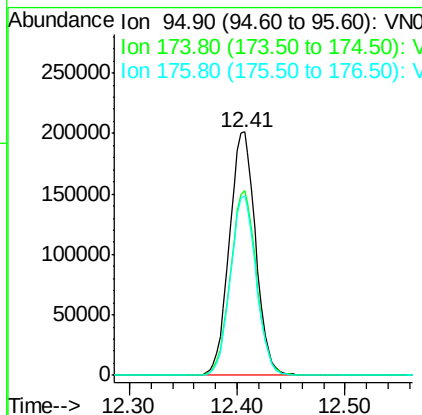
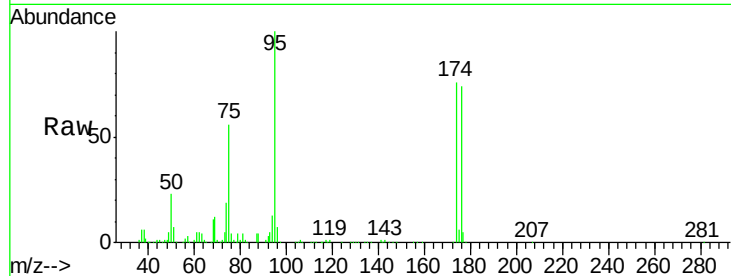




#62
4-Bromofluorobenzene
Concen: 43.205 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058069.D
Acq: 14 Sep 2019 11:50

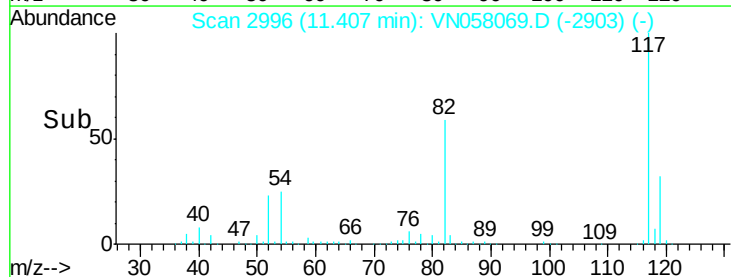
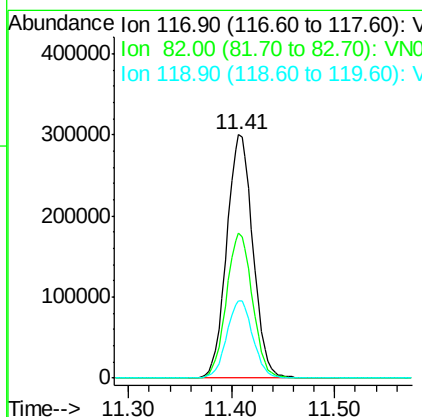
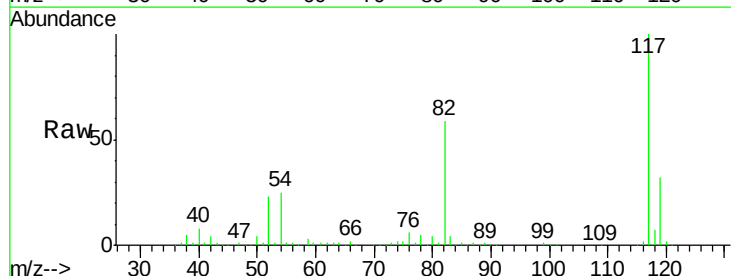
Instrument :
MSVOA_N
ClientSampled :
CSA-4-7

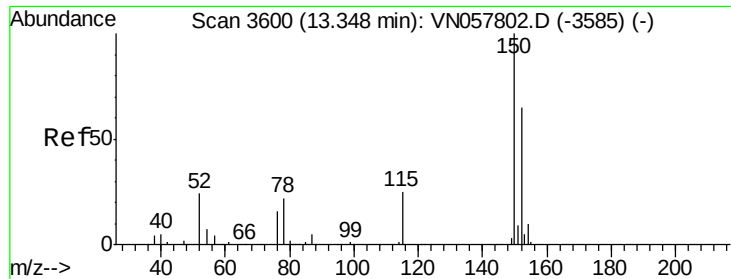
Tot Ion: 95 Resp: 341724
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.2
176 72.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058069.D
Acq: 14 Sep 2019 11:50

Tgt Ion: 117 Resp: 532074
Ion Ratio Lower Upper
117 100
82 59.5 47.2 70.8
119 31.9 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: VN058069.D

Acq: 14 Sep 2019 11:50

Instrument :

MSVOA_N

ClientSampleId :

CSA-4-7

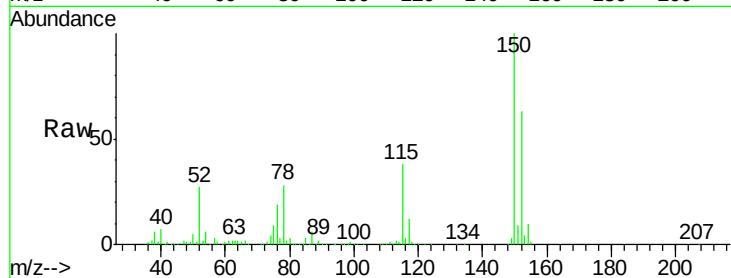
Tot Ion:152 Resp: 276180

Ion Ratio Lower Upper

152 100

115 61.2 30.3 91.0

150 158.7 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

