

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058068.D
 Acq On : 14 Sep 2019 11:28
 Operator : JC/SP
 Sample : K4863-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-4-6

Quant Time: Sep 16 05:41:36 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

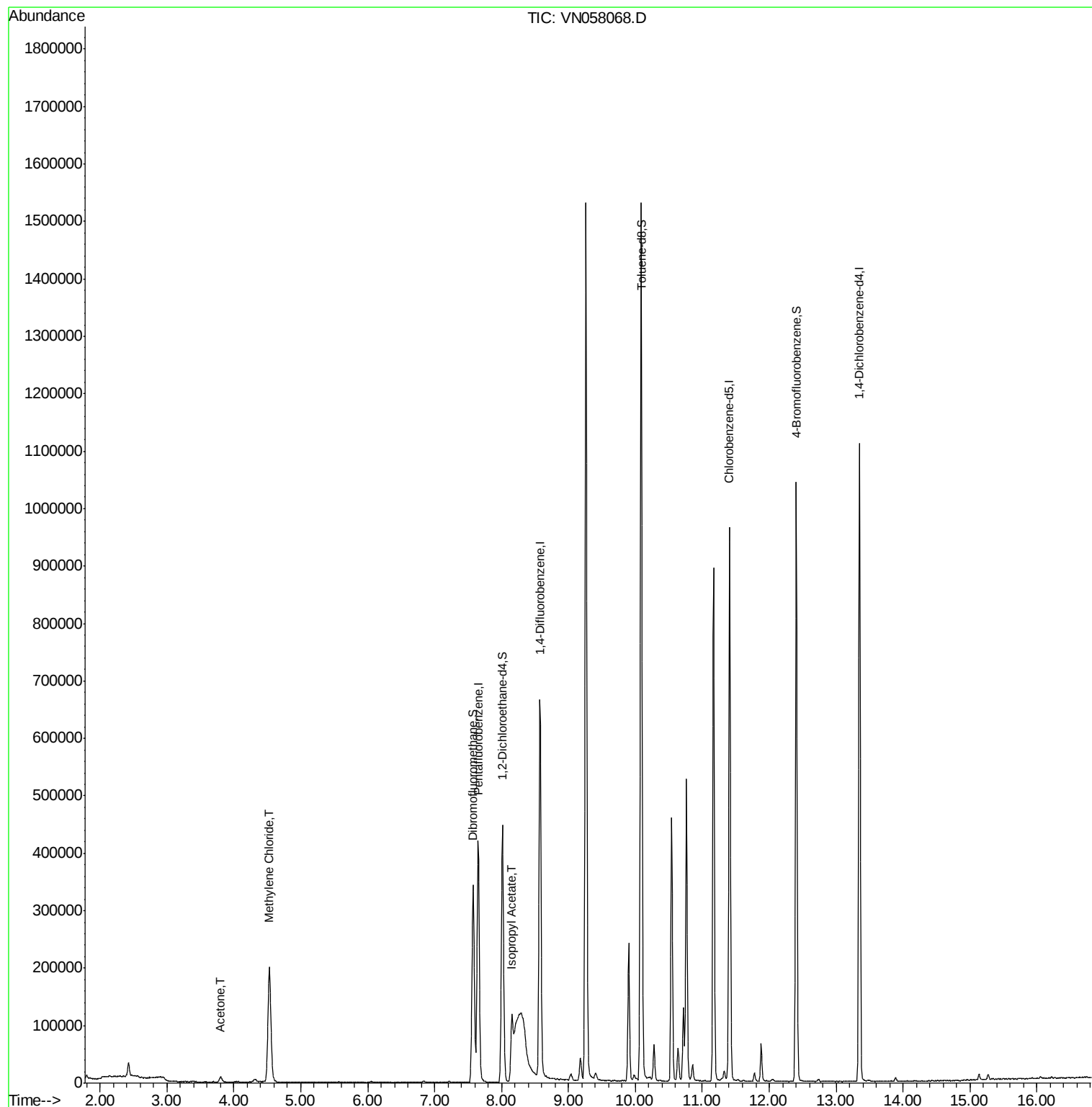
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	321237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	569900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	389540	59.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.74%	
35) Dibromofluoromethane	7.57	113	260503	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.08	98	1040448	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	346802	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
16) Acetone	3.80	43	15216	7.134	ug/l	99
20) Methylene Chloride	4.53	84	146558	35.743	ug/l	99
43) Isopropyl Acetate	8.15	43	143390	12.487	ug/l #	83

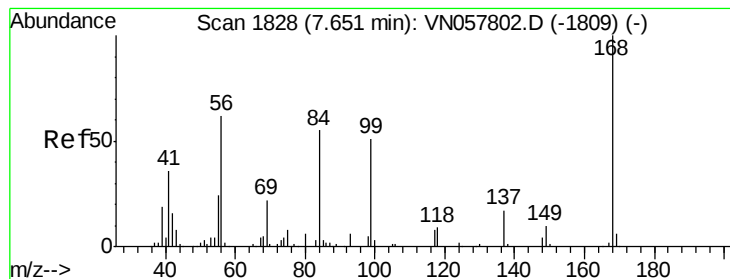
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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Quant Time: Sep 16 05:41:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
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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: VN058068.D

Acq: 14 Sep 2019 11:28

Instrument :

MSVOA_N

ClientSampled :

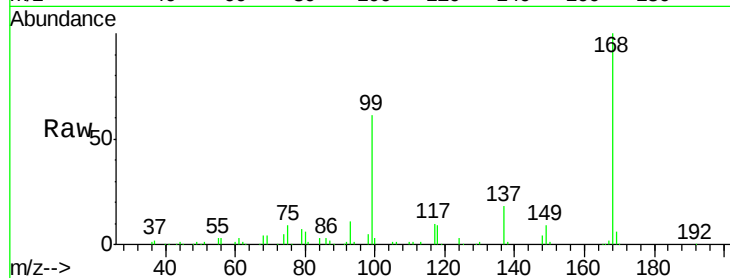
CSA-4-6

Tot Ion:168 Resp: 321237

Ion Ratio Lower Upper

168 100

99 61.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

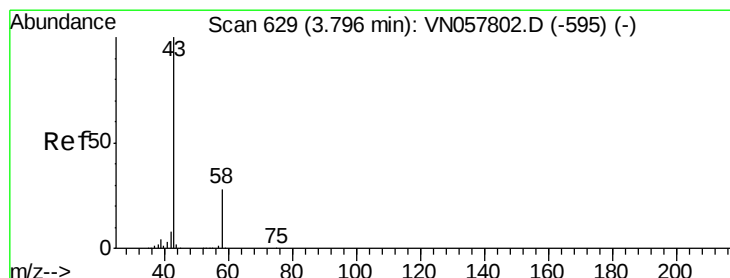
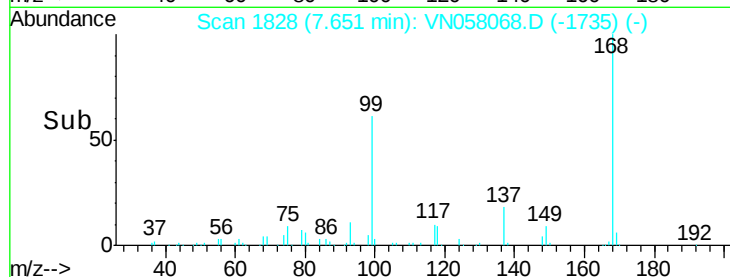
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.134 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058068.D

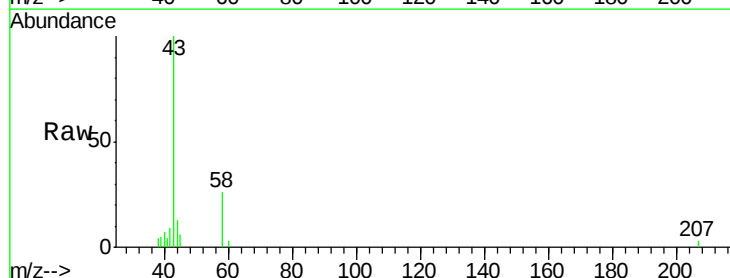
Acq: 14 Sep 2019 11:28

Tgt Ion: 43 Resp: 15216

Ion Ratio Lower Upper

43 100

58 27.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

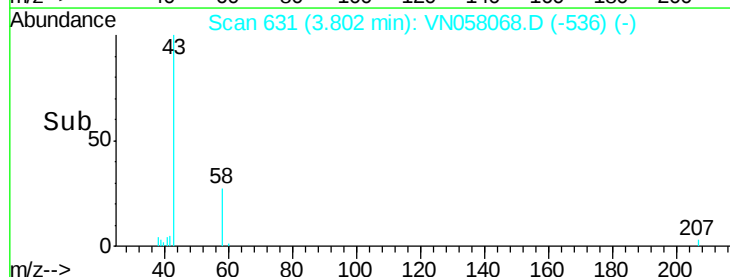
4000

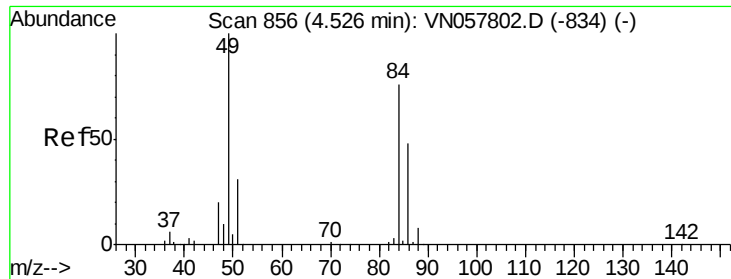
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

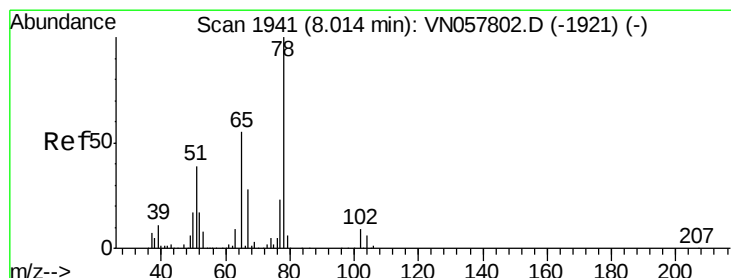
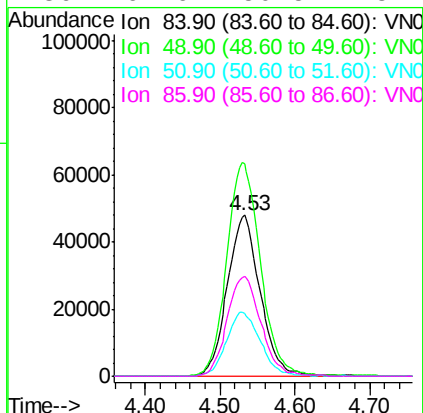
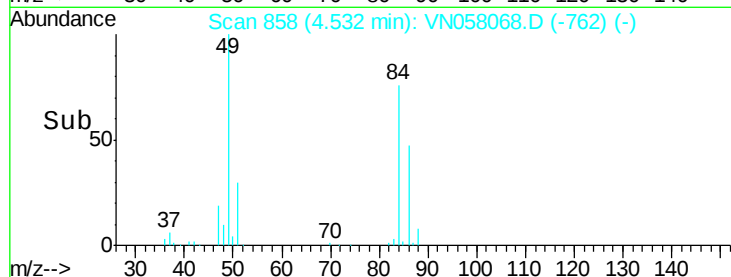
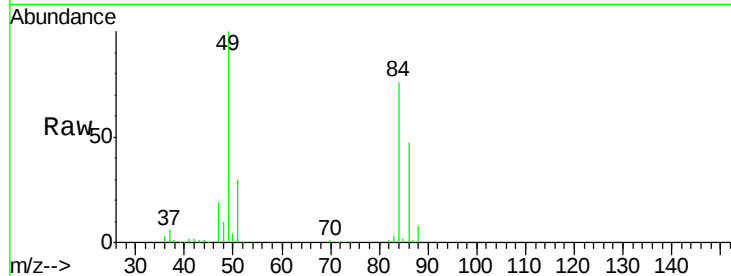




#20
Methvlene Chloride
Concen: 35.743 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058068.D
Acq: 14 Sep 2019 11:28

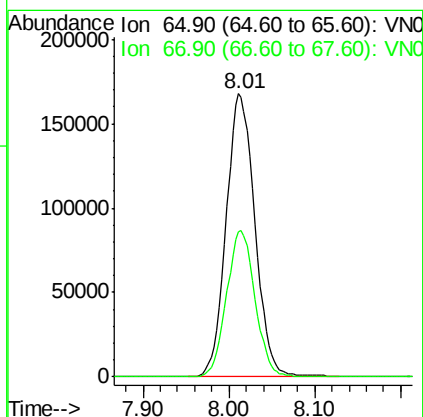
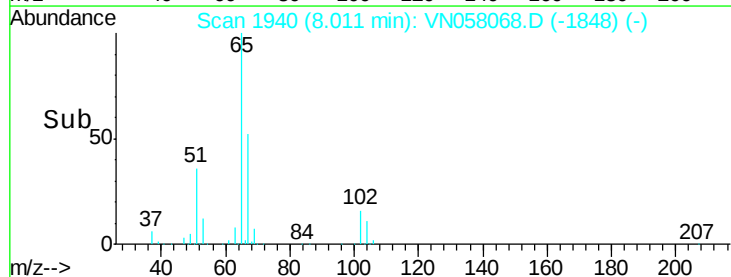
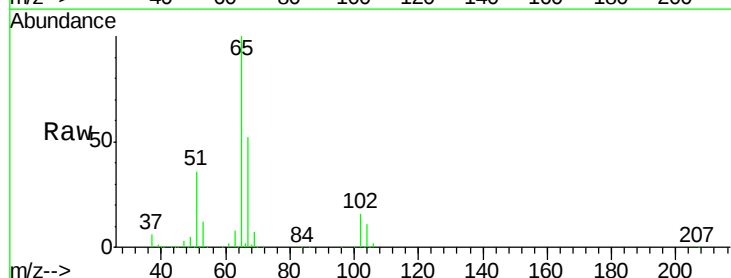
Instrument :
MSVOA_N
ClientSampleId :
CSA-4-6

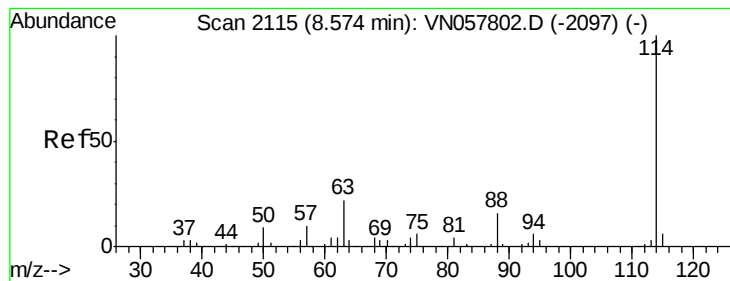
Tot Ion: 84 Resp: 146558
Ion Ratio Lower Upper
84 100
49 131.5 104.8 157.2
51 39.0 33.0 49.4
86 61.6 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 59.870 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058068.D
Acq: 14 Sep 2019 11:28

Tgt Ion: 65 Resp: 389540
Ion Ratio Lower Upper
65 100
67 51.2 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: VN058068.D

Acq: 14 Sep 2019 11:28

Instrument :

MSVOA_N

ClientSampleId :

CSA-4-6

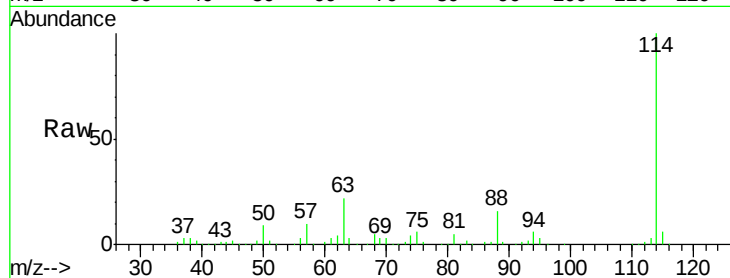
Tot Ion:114 Resp: 569900

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

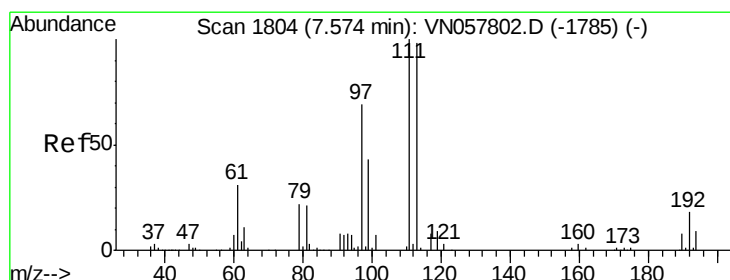
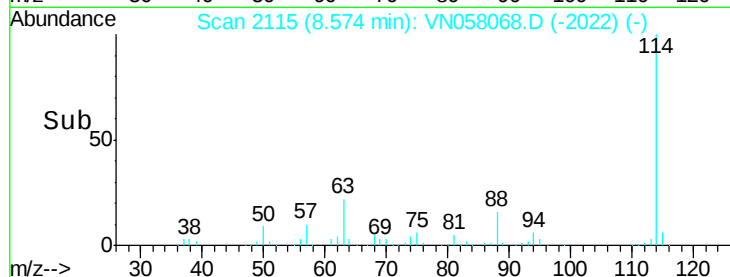
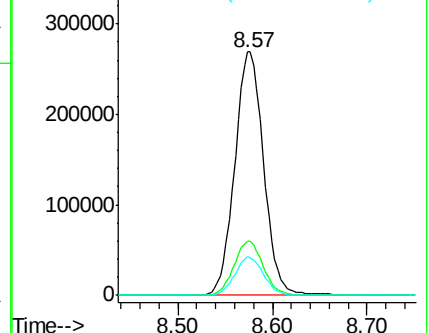
88 15.8 0.0 31.4



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: 49.526 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058068.D

Acq: 14 Sep 2019 11:28

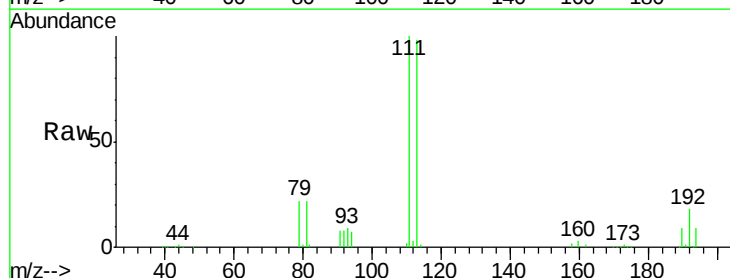
Tgt Ion:113 Resp: 260503

Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

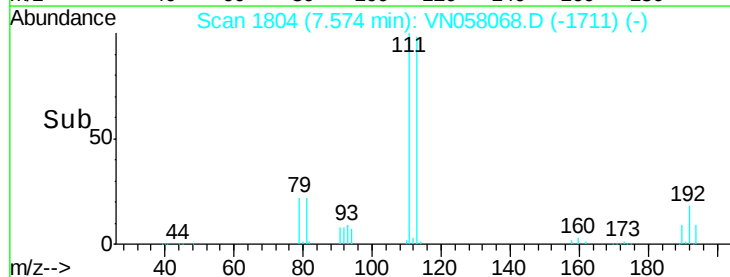
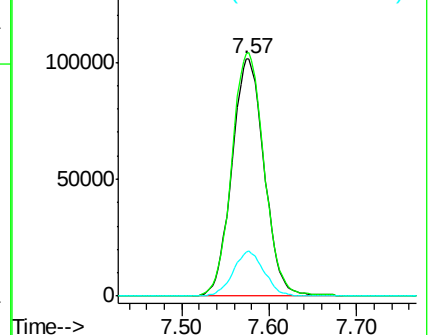
192 18.1 14.6 22.0

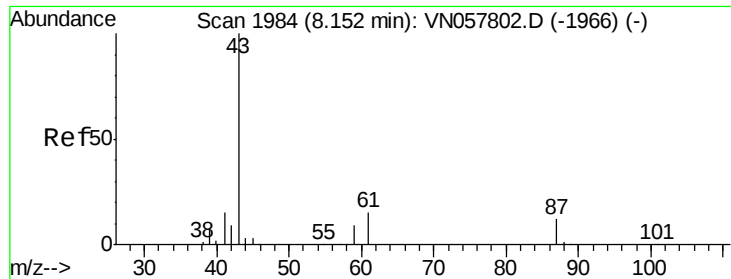


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.487 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058068.D

Acq: 14 Sep 2019 11:28

Instrument :

MSVOA_N

ClientSampleId :

CSA-4-6

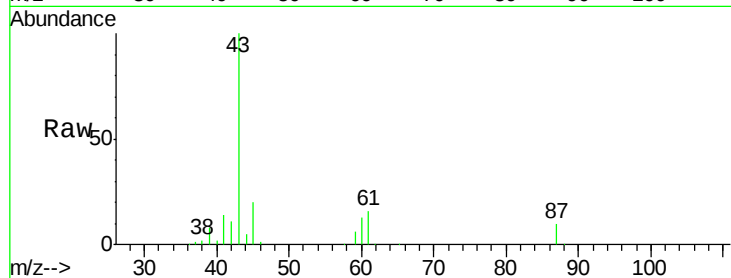
Tot Ion: 43 Resp: 143390

Ion Ratio Lower Upper

43 100

61 14.2 20.1 30.1#

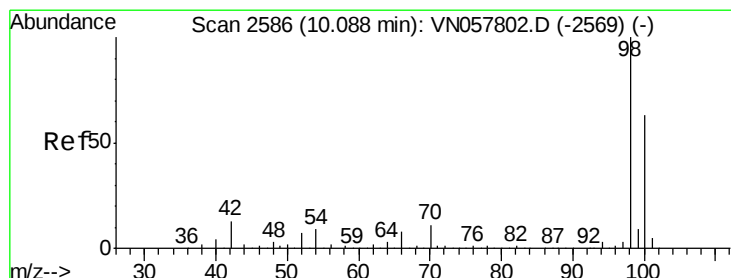
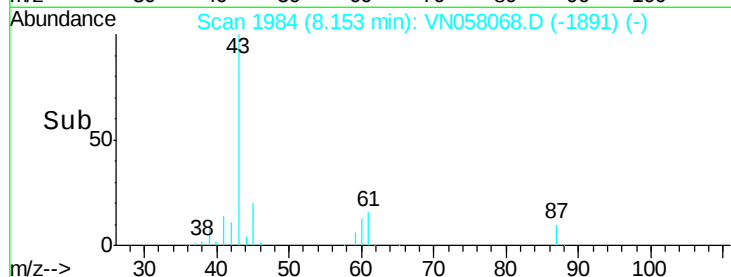
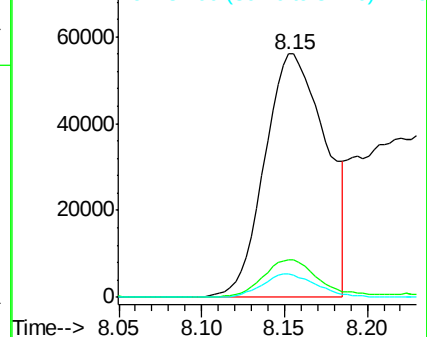
87 8.7 9.5 14.3#



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: 50.948 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058068.D

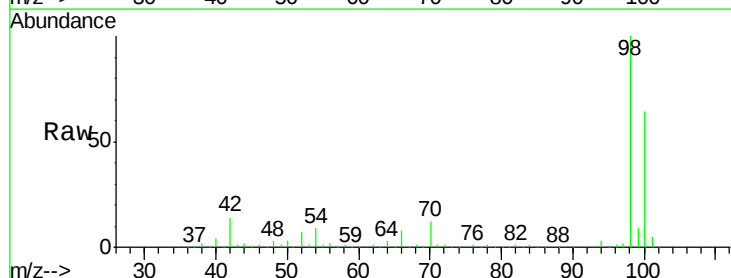
Acq: 14 Sep 2019 11:28

Tgt Ion: 98 Resp: 1040448

Ion Ratio Lower Upper

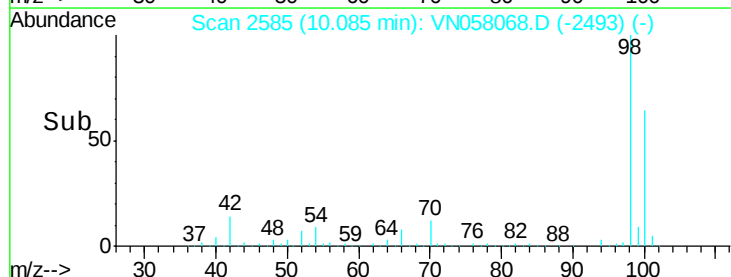
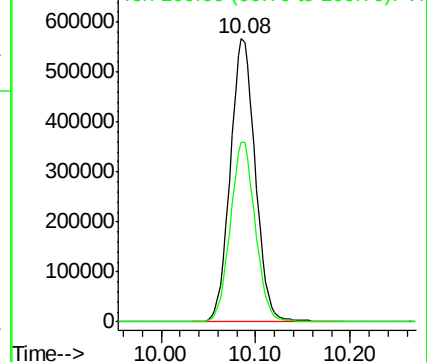
98 100

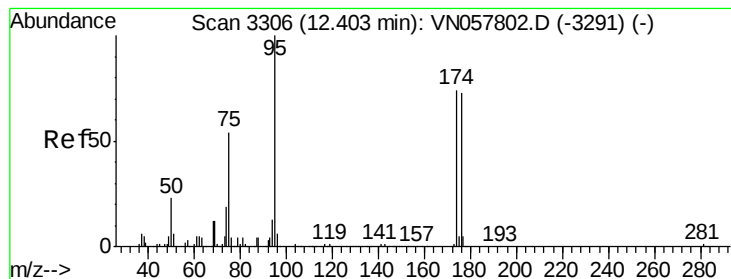
100 63.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.561 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058068.D

Acq: 14 Sep 2019 11:28

Instrument :

MSVOA_N

ClientSampled :

CSA-4-6

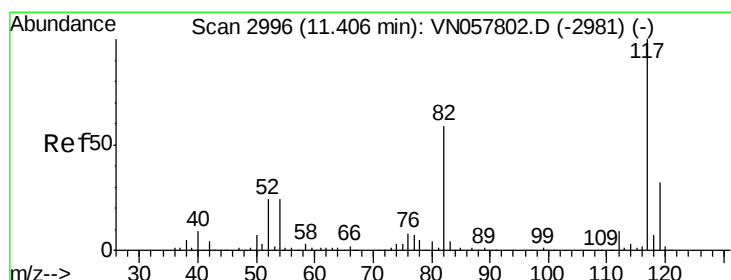
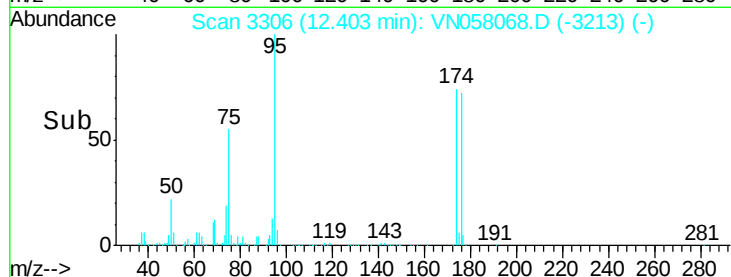
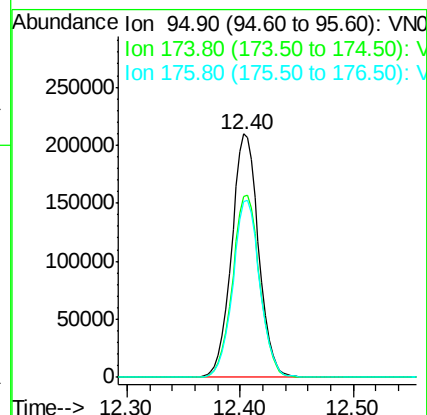
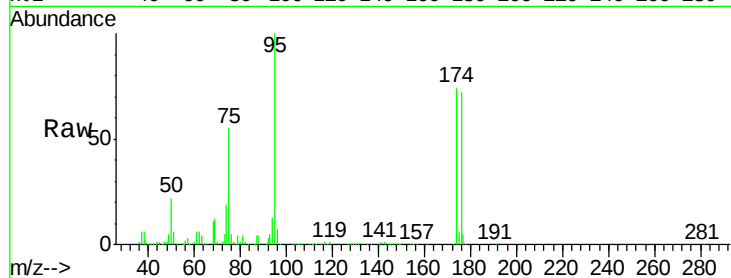
Tot Ion: 95 Resp: 346802

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.2

176 72.6 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: VN058068.D

Acq: 14 Sep 2019 11:28

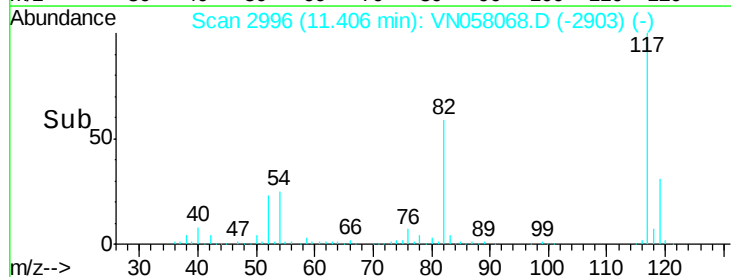
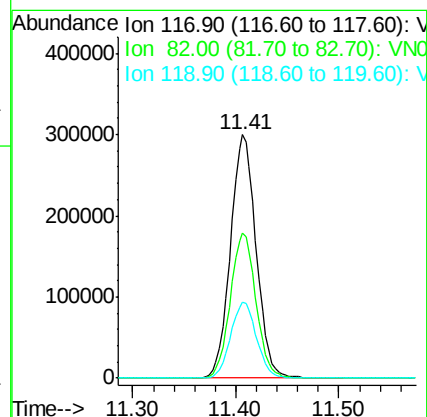
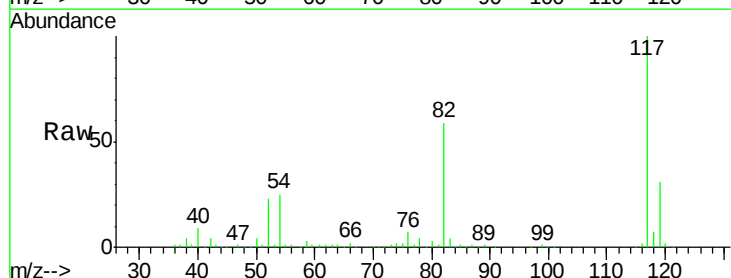
Tgt Ion: 117 Resp: 518727

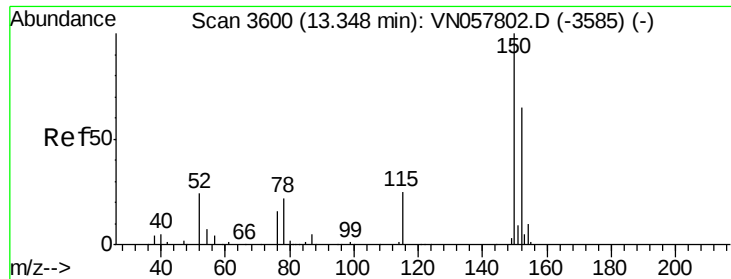
Ion Ratio Lower Upper

117 100

82 59.3 47.2 70.8

119 30.9 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: VN058068.D

Acq: 14 Sep 2019 11:28

Instrument :

MSVOA_N

ClientSampleId :

CSA-4-6

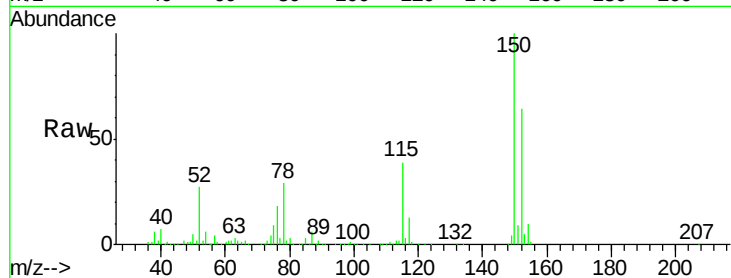
Tot Ion:152 Resp: 276158

Ion Ratio Lower Upper

152 100

115 61.1 30.3 91.0

150 157.5 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

