

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058057.D
 Acq On : 14 Sep 2019 7:28
 Operator : JC/SP
 Sample : K4825-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-4-1

Quant Time: Sep 16 05:34:57 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

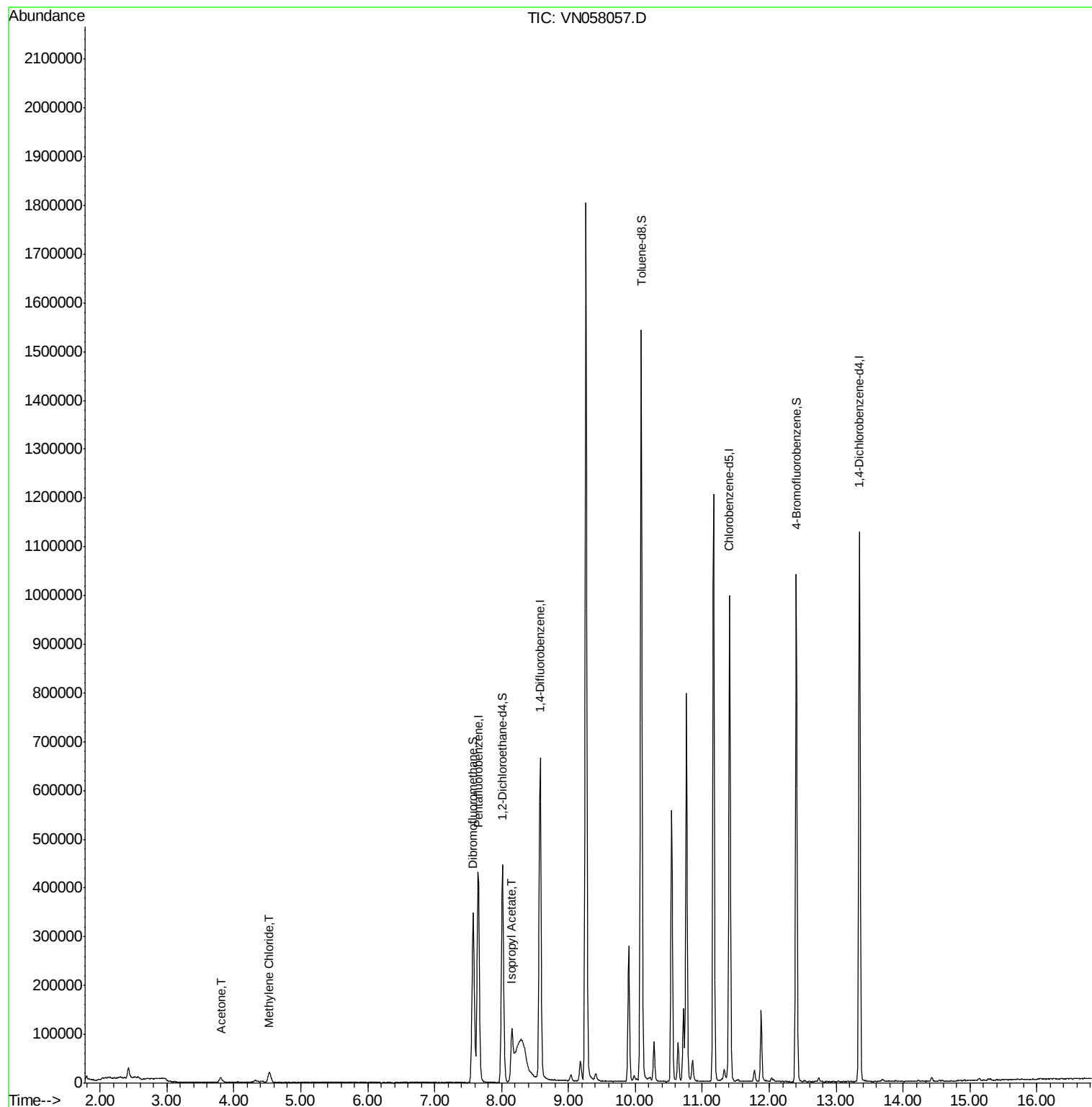
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	334780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	580706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	537757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	386600	57.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.02%	
35) Dibromofluoromethane	7.58	113	260832	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	10.08	98	1052204	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.40	95	350306	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
Target Compounds						
16) Acetone	3.80	43	16834	7.573	ug/l	98
20) Methylene Chloride	4.53	84	15852	2.579	ug/l	86
43) Isopropyl Acetate	8.15	43	149342	12.763	ug/l #	82

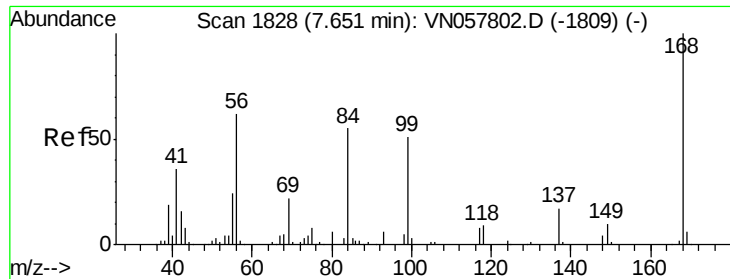
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN058057.D

Acq: 14 Sep 2019 7:28

Instrument :

MSVOA_N

ClientSampleId :

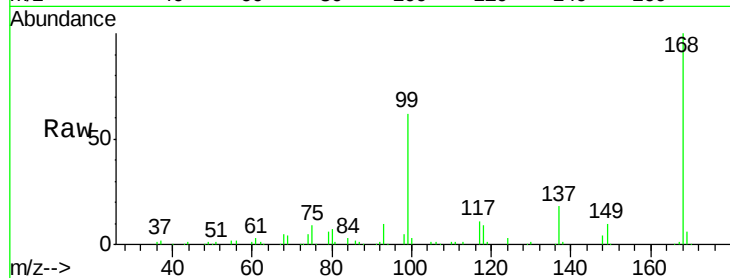
CSA-4-1

Tot Ion:168 Resp: 334780

Ion Ratio Lower Upper

168 100

99 62.4 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

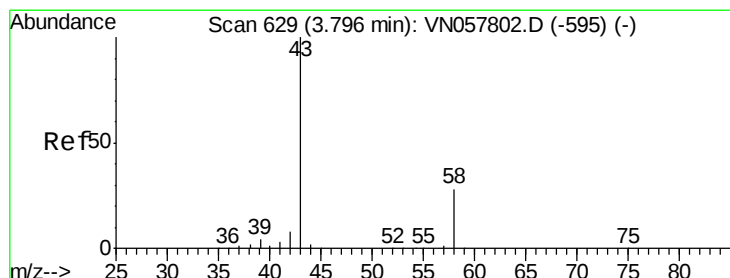
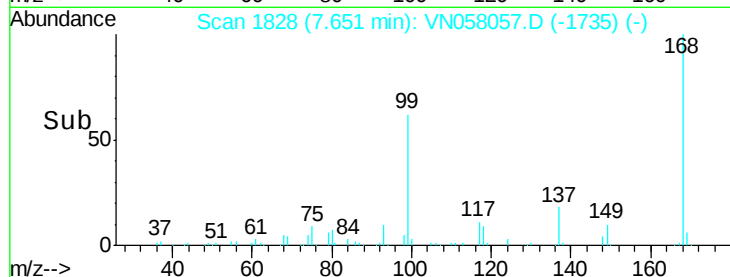
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.573 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058057.D

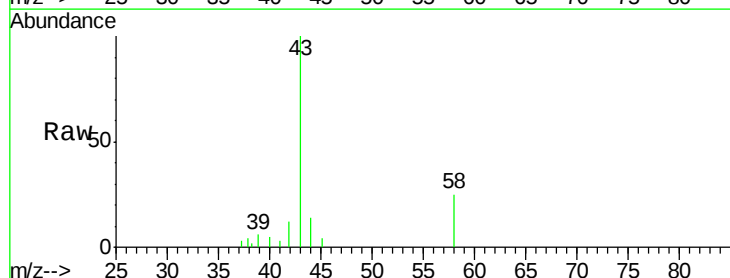
Acq: 14 Sep 2019 7:28

Tgt Ion: 43 Resp: 16834

Ion Ratio Lower Upper

43 100

58 26.8 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

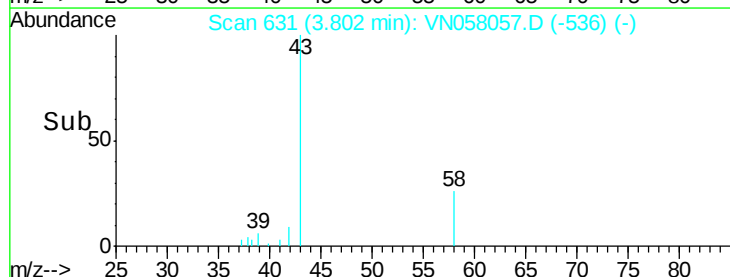
6000

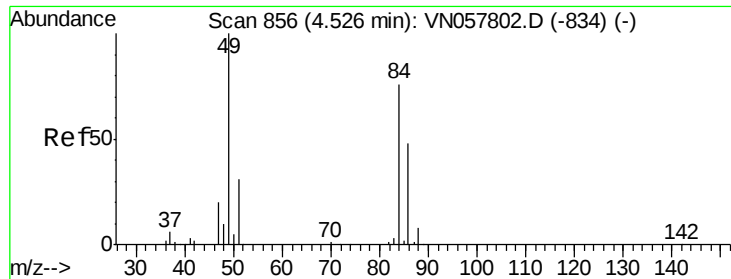
4000

2000

0

Time-->

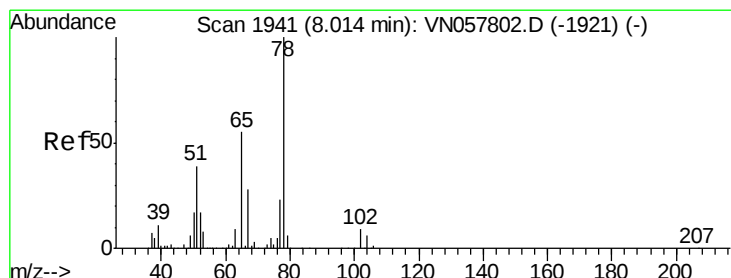
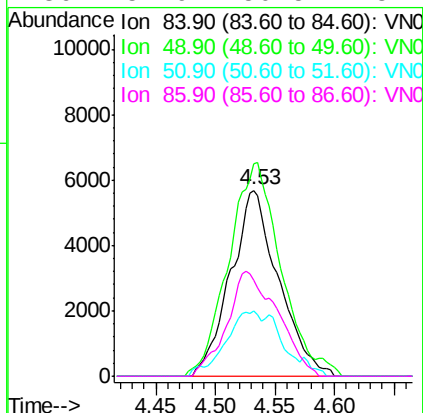
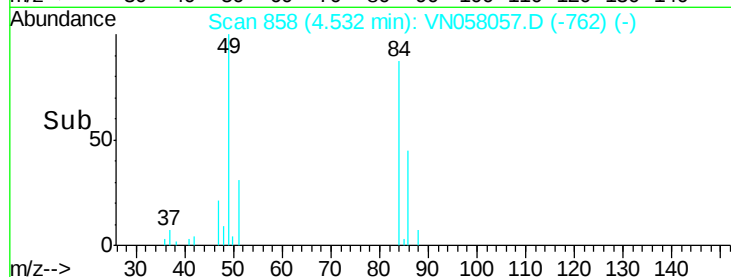
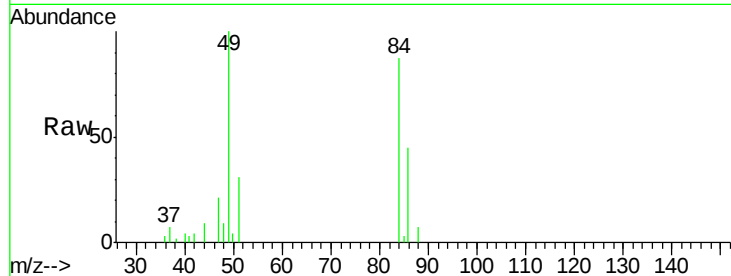




#20
Methvlene Chloride
Concen: 2.579 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058057.D
Acq: 14 Sep 2019 7:28

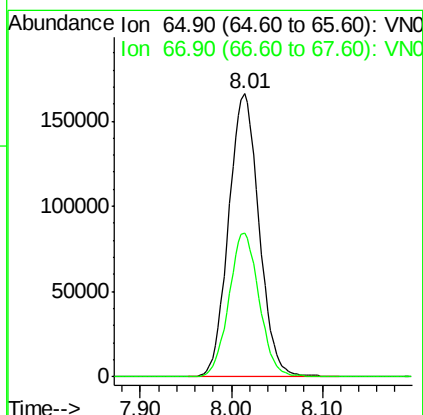
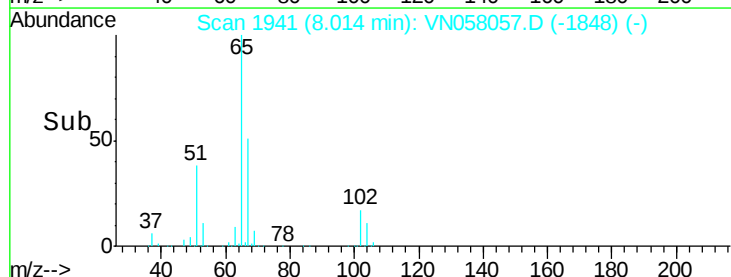
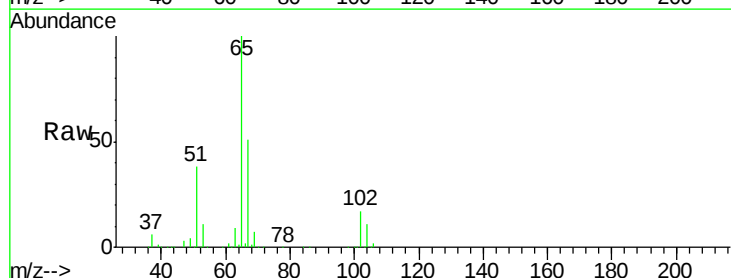
Instrument :
MSVOA_N
ClientSampled :
CSA-4-1

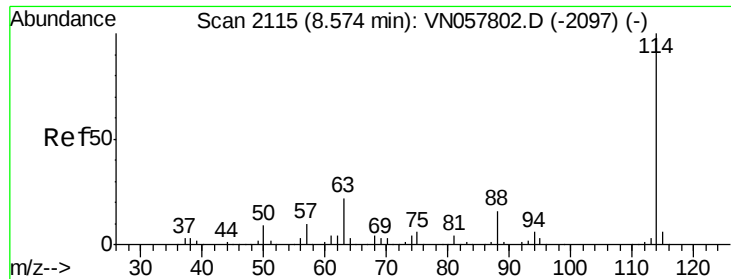
Tot Ion:	84	Resp:	15852
Ion	Ratio	Lower	Upper
84	100		
49	112.1	104.8	157.2
51	35.4	33.0	49.4
86	51.9	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 57.015 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058057.D
Acq: 14 Sep 2019 7:28

Tgt Ion:	65	Resp:	386600
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.0

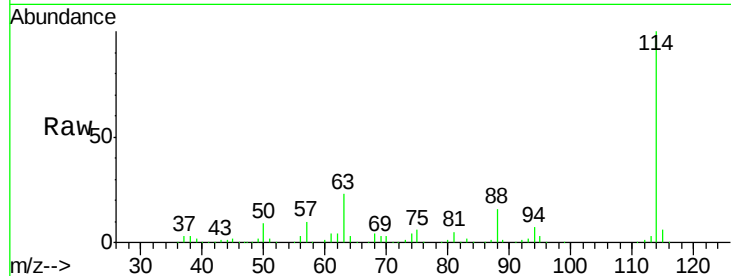




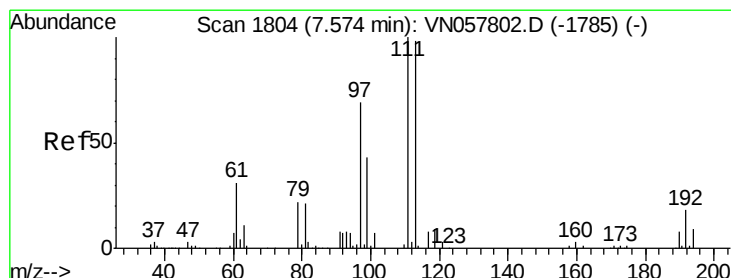
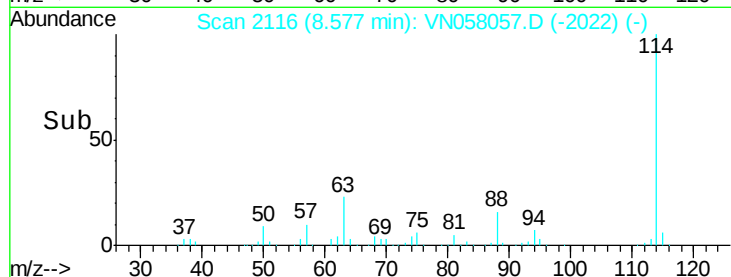
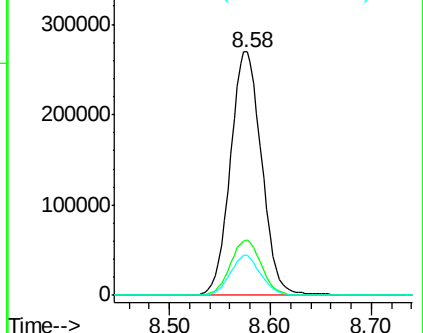
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058057.D
 Acq: 14 Sep 2019 7:28

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-4-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.0
88	16.4	0.0	31.4

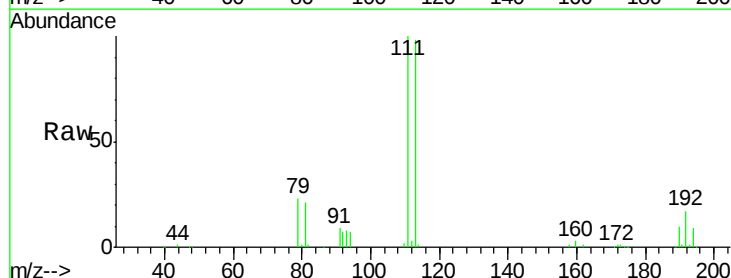


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

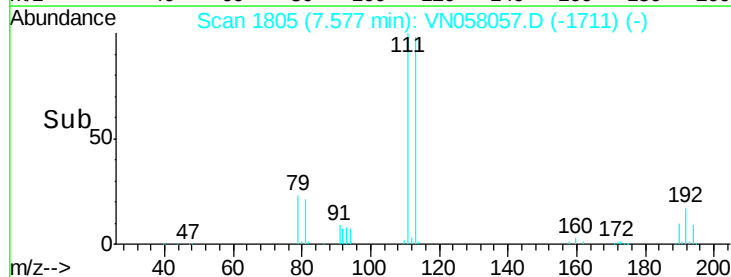
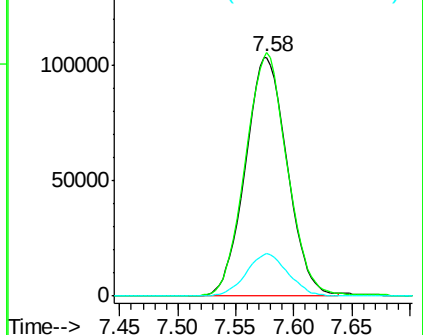


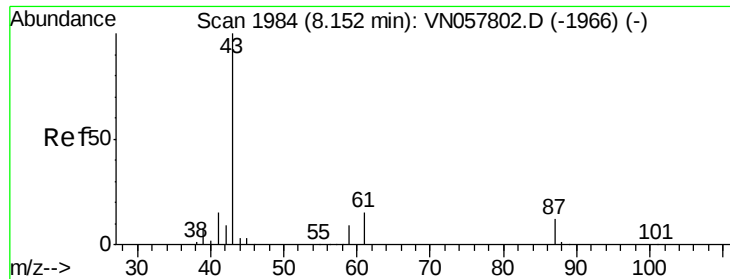
#35
 Dibromofluoromethane
 Concen: 48.666 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058057.D
 Acq: 14 Sep 2019 7:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.3	121.9
192	17.9	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: 12.763 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058057.D

Acq: 14 Sep 2019 7:28

Instrument :

MSVOA_N

ClientSampleId :

CSA-4-1

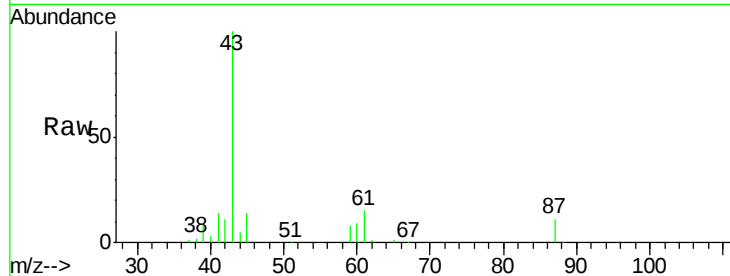
Tot Ion: 43 Resp: 149342

Ion Ratio Lower Upper

43 100

61 13.6 20.1 30.1#

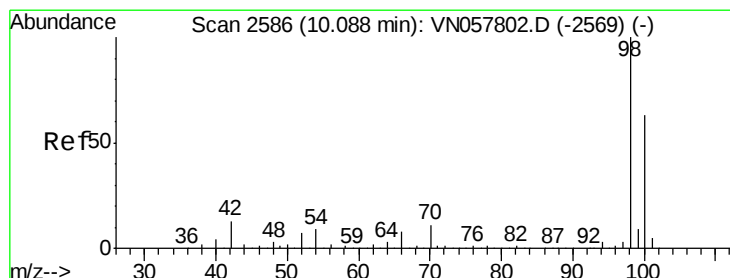
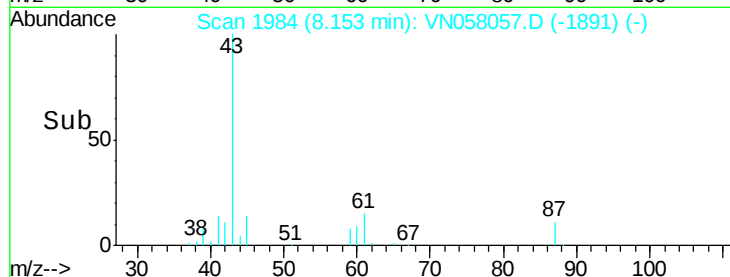
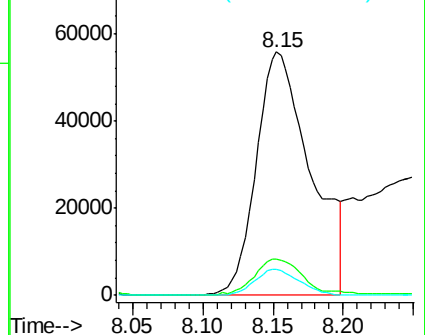
87 8.8 9.5 14.3#



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: 50.564 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058057.D

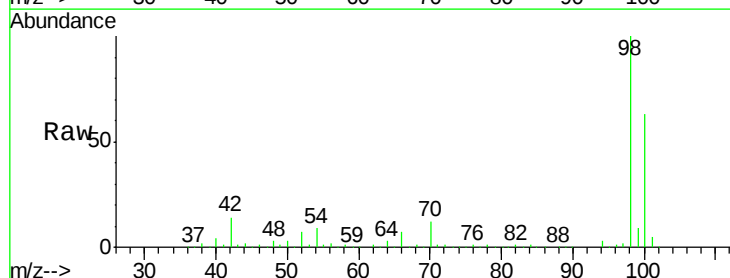
Acq: 14 Sep 2019 7:28

Tgt Ion: 98 Resp: 1052204

Ion Ratio Lower Upper

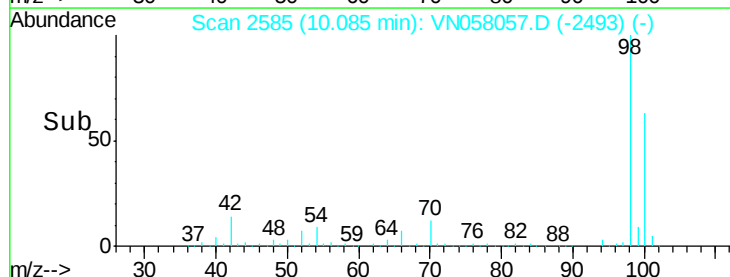
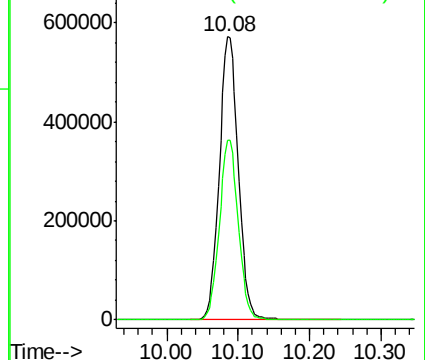
98 100

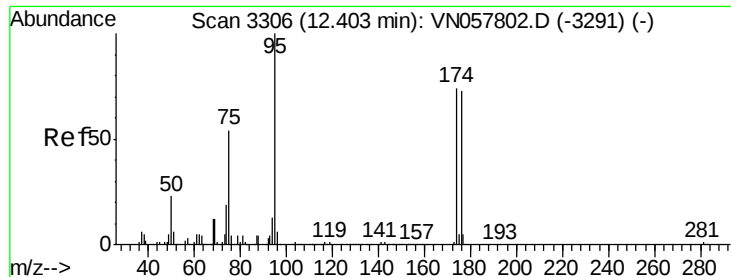
100 63.0 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.174 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058057.D

Acq: 14 Sep 2019 7:28

Instrument :

MSVOA_N

ClientSampled :

CSA-4-1

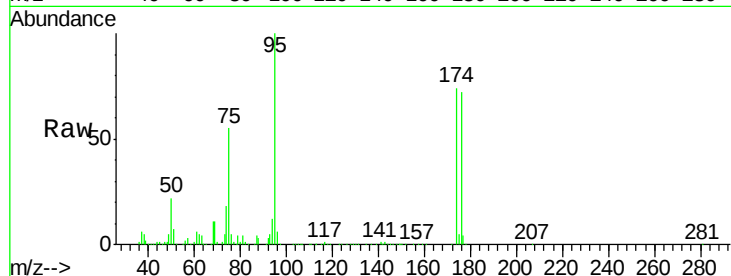
Tot Ion: 95 Resp: 350306

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

176 72.1 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) (-)

12.40

250000

200000

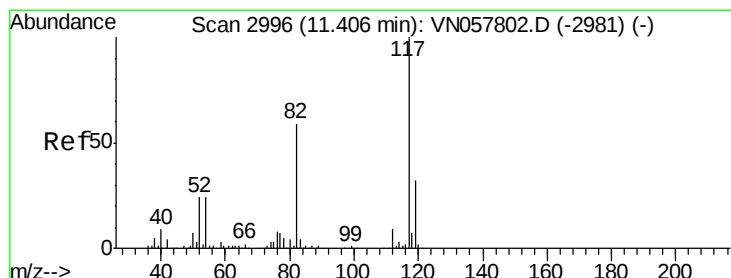
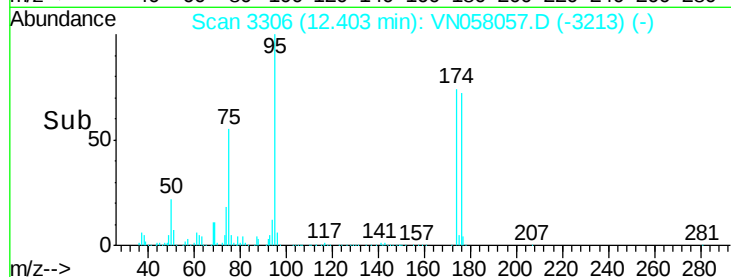
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058057.D

Acq: 14 Sep 2019 7:28

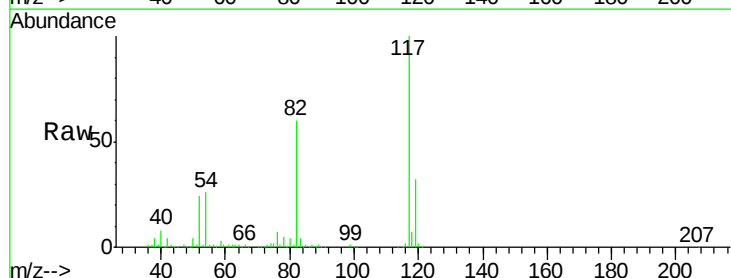
Tgt Ion: 117 Resp: 537757

Ion Ratio Lower Upper

117 100

82 59.7 47.2 70.8

119 31.6 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) (-)

11.41

400000

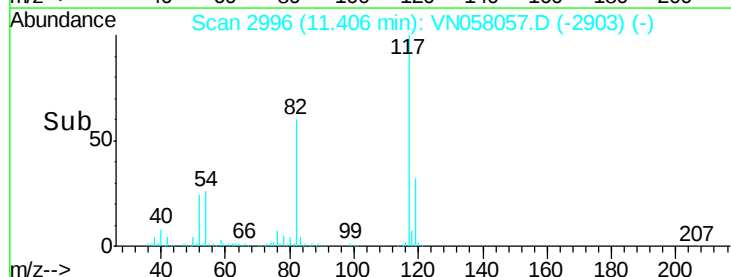
300000

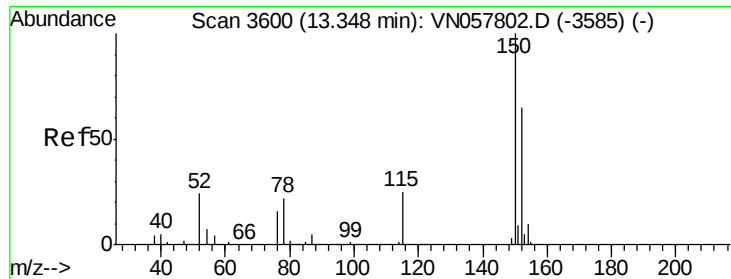
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058057.D

Acq: 14 Sep 2019 7:28

Instrument :

MSVOA_N

ClientSampleId :

CSA-4-1

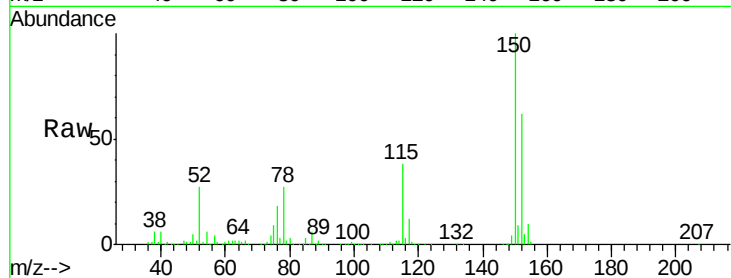
Tot Ion:152 Resp: 278163

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

