

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058070.D
 Acq On : 14 Sep 2019 12:12
 Operator : JC/SP
 Sample : K4863-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-2-5

Quant Time: Sep 16 05:42:50 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

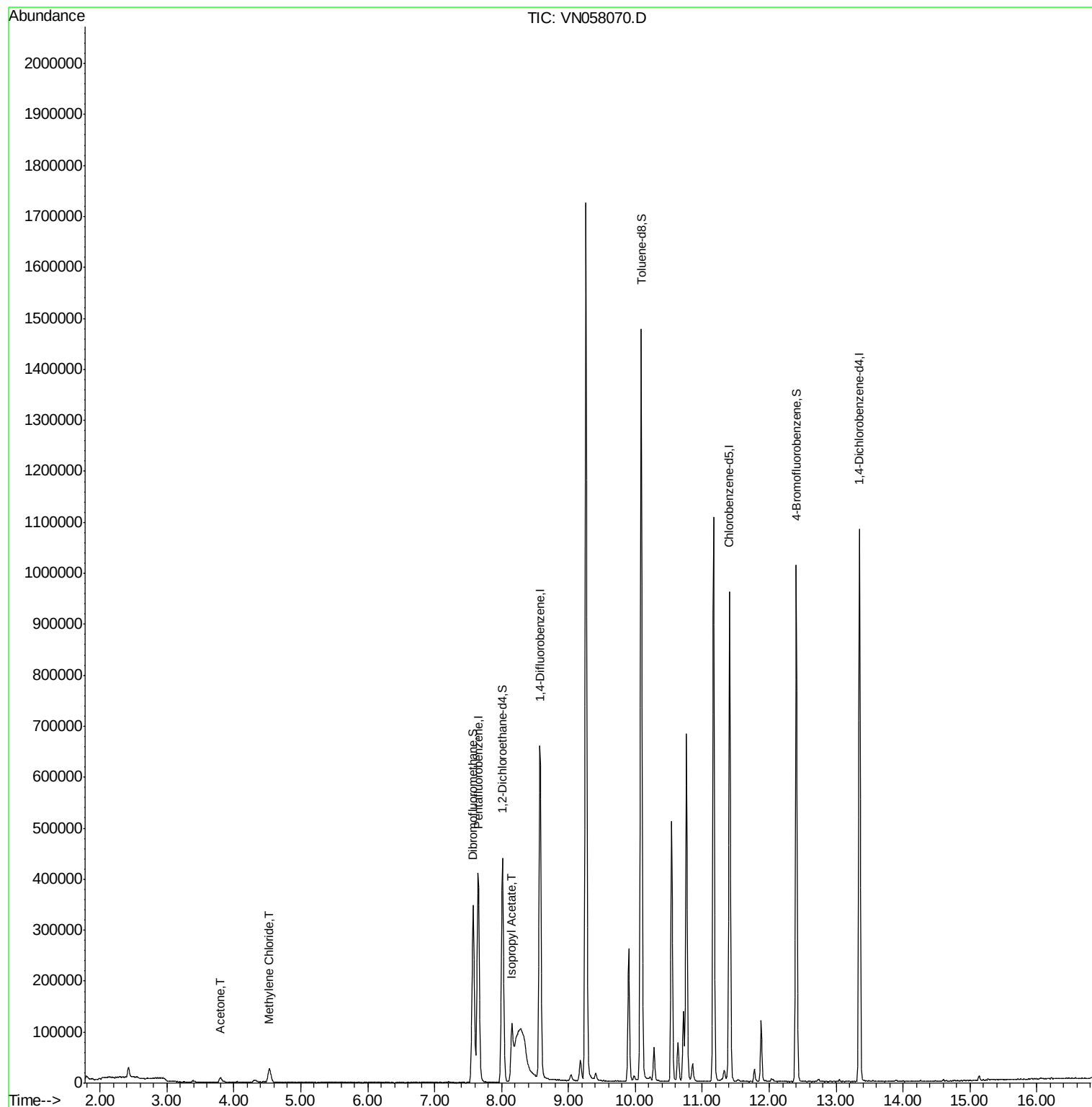
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	319337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	570227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	514691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	387068	59.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.68%	
35) Dibromofluoromethane	7.58	113	256971	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	10.09	98	1019969	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.40	95	338836	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
Target Compounds						
16) Acetone	3.79	43	15667	7.389	ug/l	94
20) Methylene Chloride	4.53	84	20643	3.981	ug/l	93
43) Isopropyl Acetate	8.16	43	148640	12.936	ug/l #	82

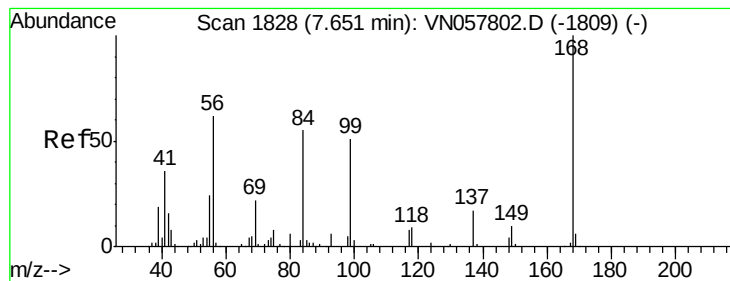
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
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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: VN058070.D

Acq: 14 Sep 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

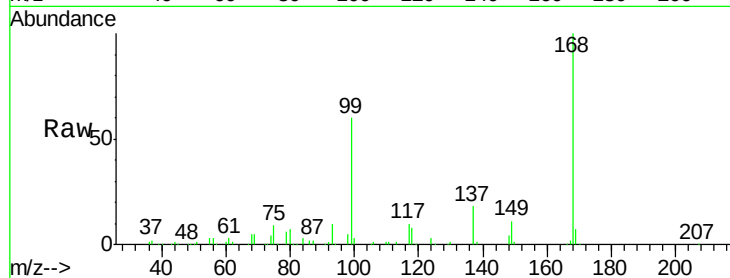
CSA-2-5

Tot Ion:168 Resp: 319337

Ion Ratio Lower Upper

168 100

99 60.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN058070.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058070.D (-1735) (-)

7.65

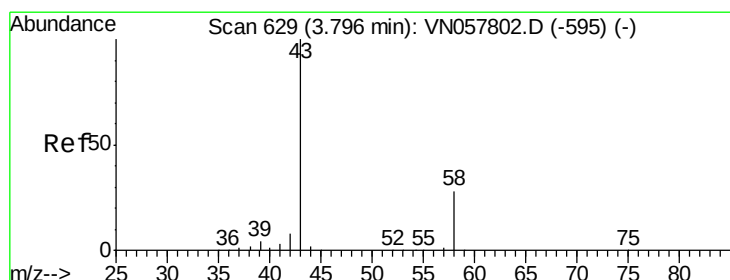
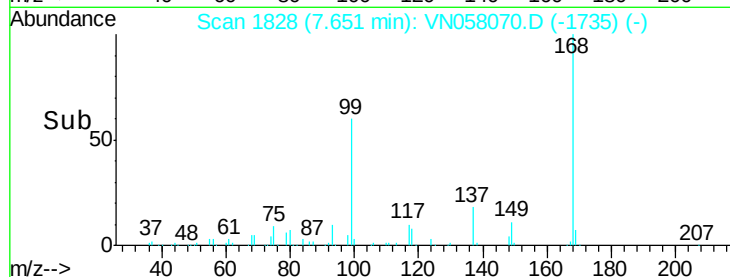
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 7.389 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058070.D

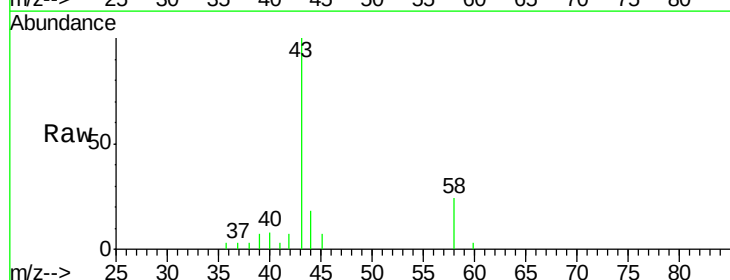
Acq: 14 Sep 2019 12:12

Tgt Ion: 43 Resp: 15667

Ion Ratio Lower Upper

43 100

58 24.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN058070.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN058070.D (-536) (-)

3.79

6000

5000

4000

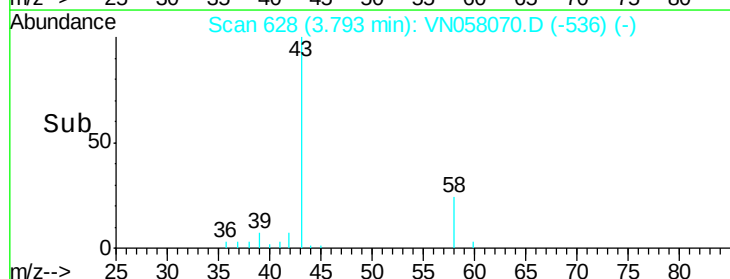
3000

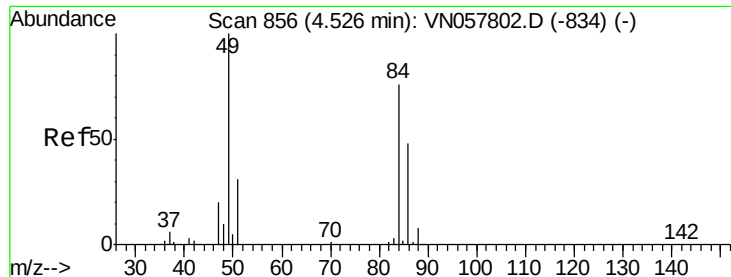
2000

1000

0

Time--> 3.70 3.80 3.90

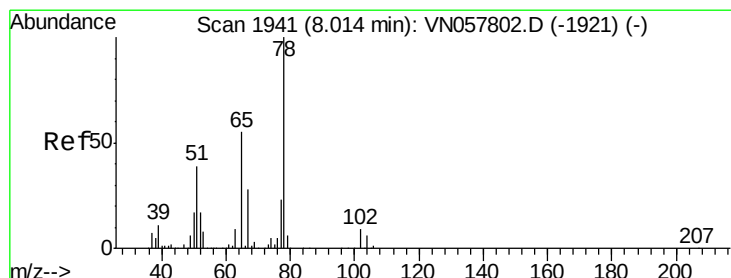
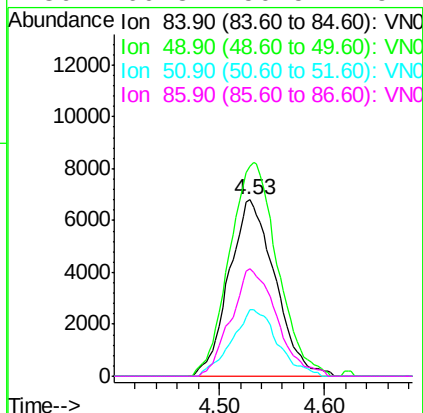
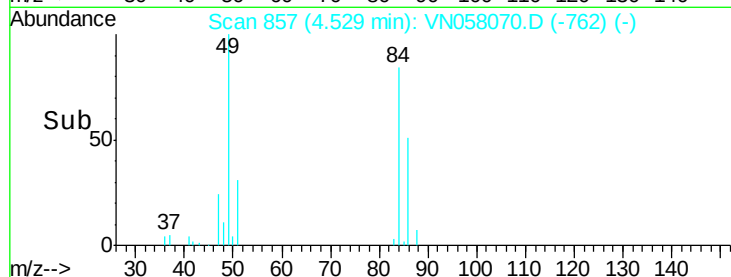
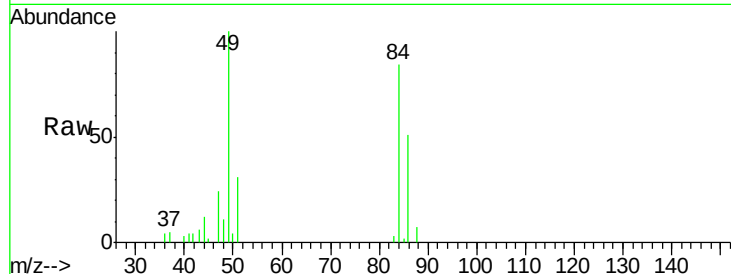




#20
Methylene Chloride
Concen: 3.981 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058070.D
Acq: 14 Sep 2019 12:12

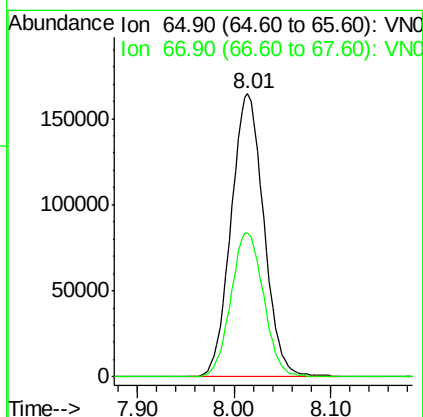
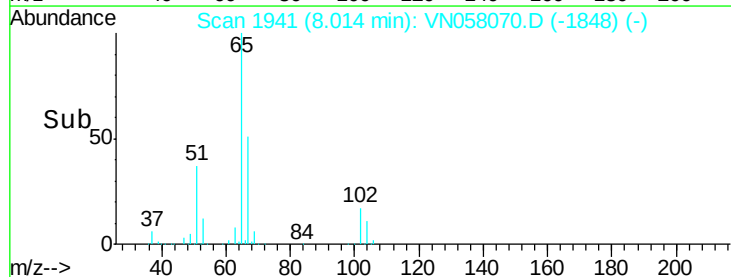
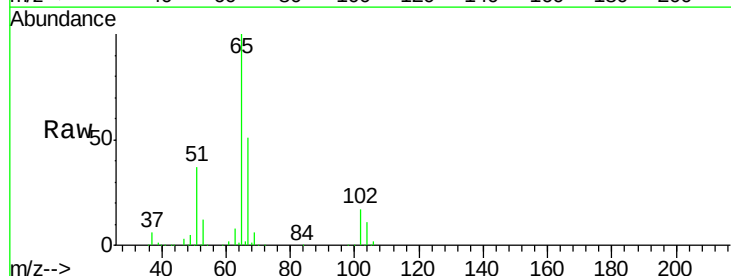
Instrument :
MSVOA_N
ClientSampled :
CSA-2-5

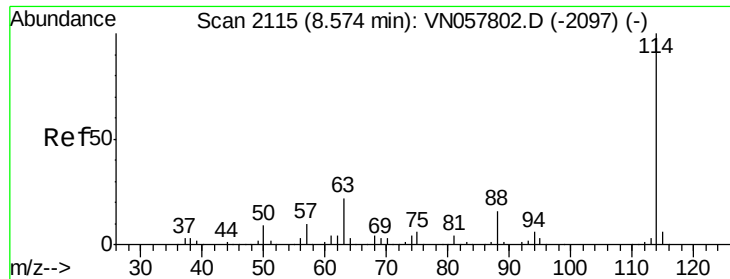
Tot Ion:	84	Resp:	20643
Ion	Ratio	Lower	Upper
84	100		
49	119.4	104.8	157.2
51	37.6	33.0	49.4
86	60.8	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 59.844 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058070.D
Acq: 14 Sep 2019 12:12

Tgt Ion:	65	Resp:	387068
Ion	Ratio	Lower	Upper
65	100		
67	50.8	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: VN058070.D

Acq: 14 Sep 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-5

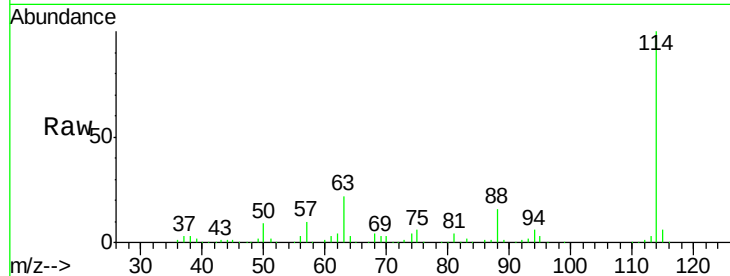
Tot Ion:114 Resp: 570227

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

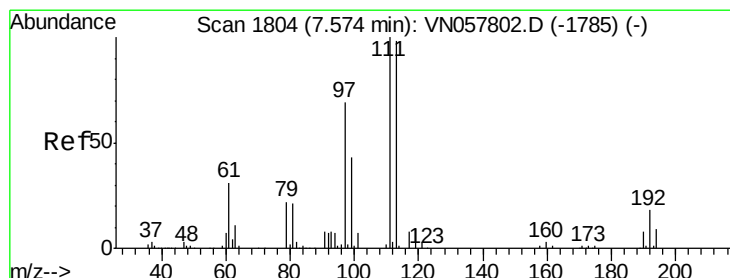
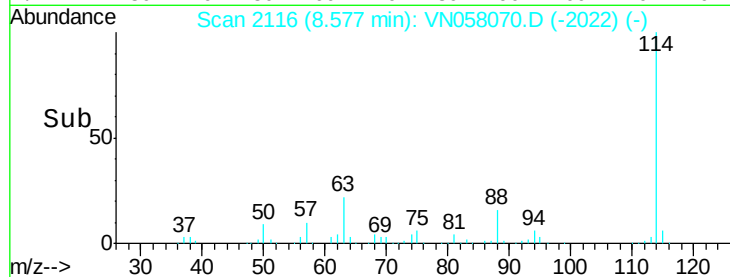
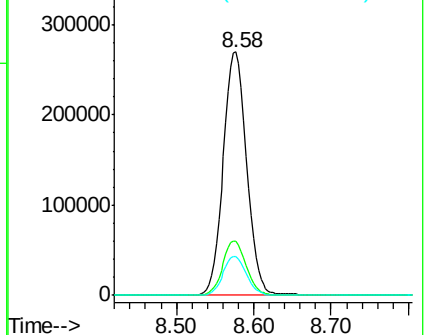
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.826 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058070.D

Acq: 14 Sep 2019 12:12

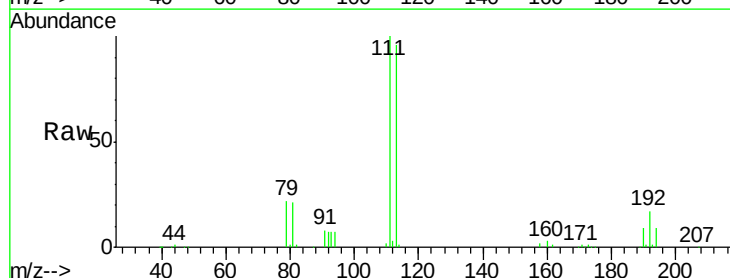
Tgt Ion:113 Resp: 256971

Ion Ratio Lower Upper

113 100

111 104.7 81.3 121.9

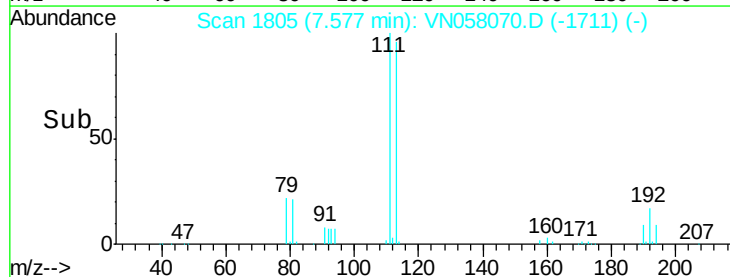
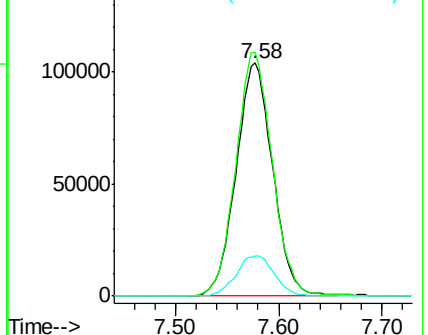
192 18.1 14.6 22.0

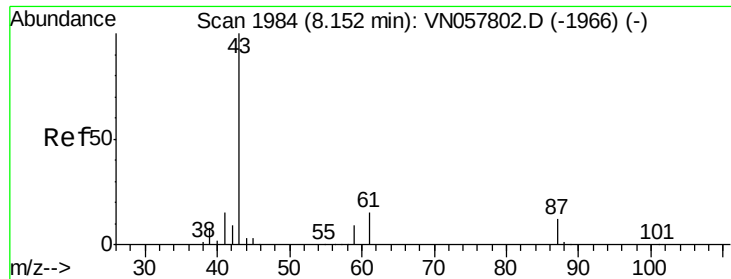


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.936 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058070.D

Acq: 14 Sep 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-5

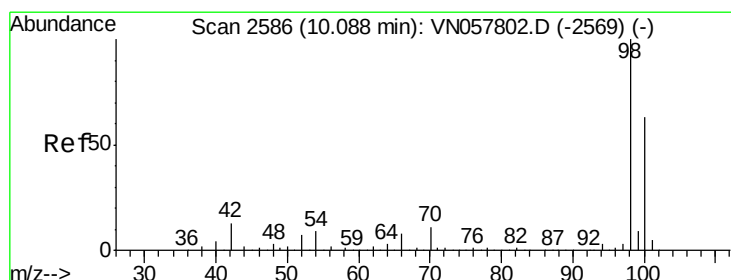
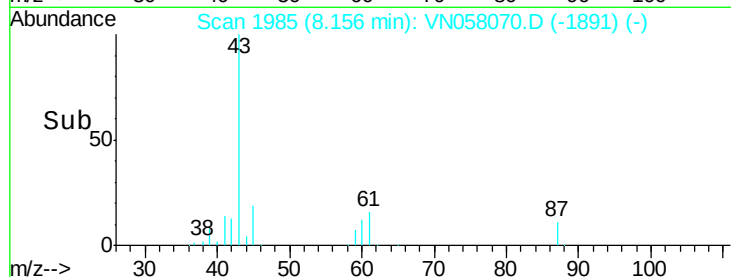
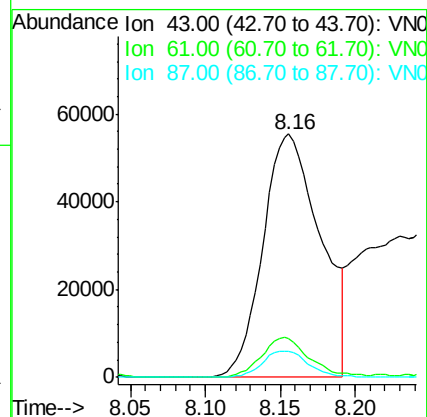
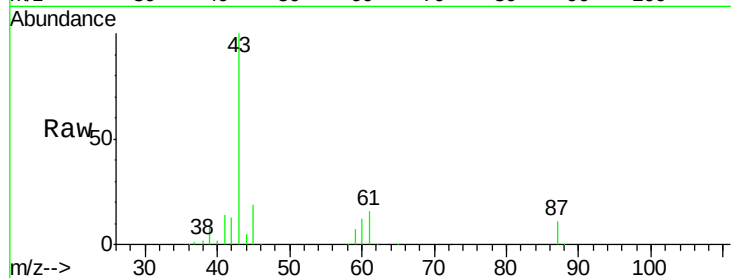
Tot Ion: 43 Resp: 148640

Ion Ratio Lower Upper

43 100

61 13.7 20.1 30.1#

87 8.7 9.5 14.3#



#50

Toluene-d8

Concen: 49.916 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058070.D

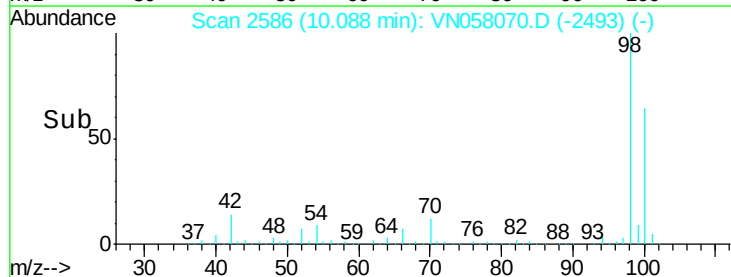
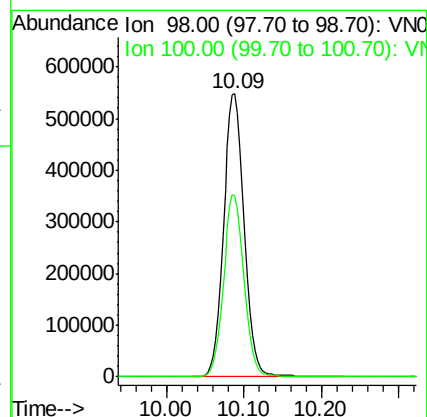
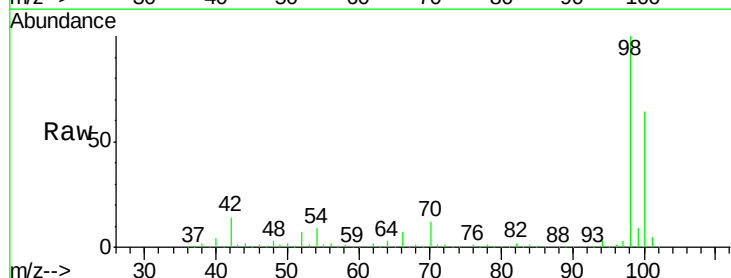
Acq: 14 Sep 2019 12:12

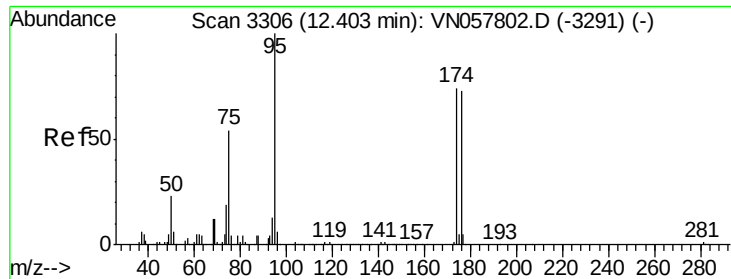
Tgt Ion: 98 Resp: 1019969

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 43.513 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058070.D

Acq: 14 Sep 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

CSA-2-5

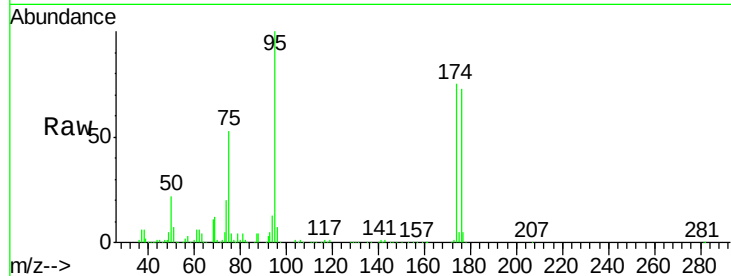
Tot Ion: 95 Resp: 338836

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

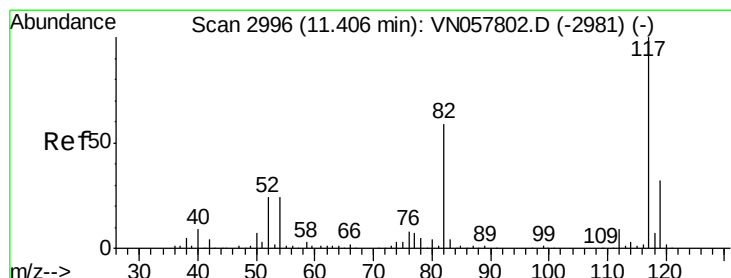
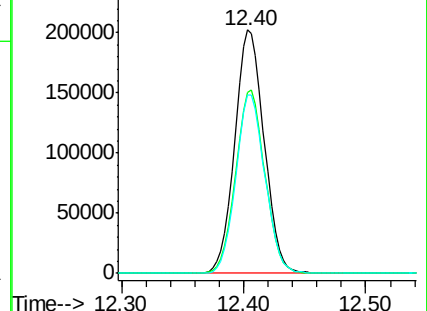
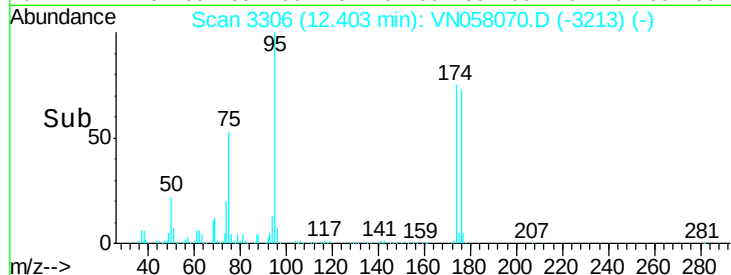
176 72.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN058070.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN058070.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN058070.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058070.D

Acq: 14 Sep 2019 12:12

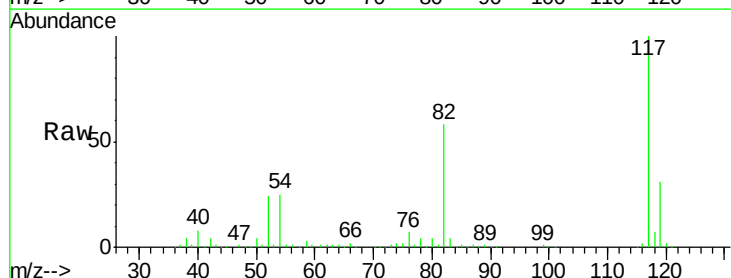
Tgt Ion: 117 Resp: 514691

Ion Ratio Lower Upper

117 100

82 58.3 47.2 70.8

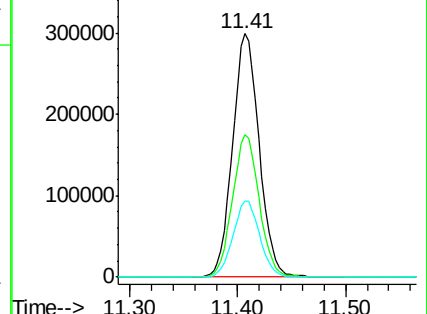
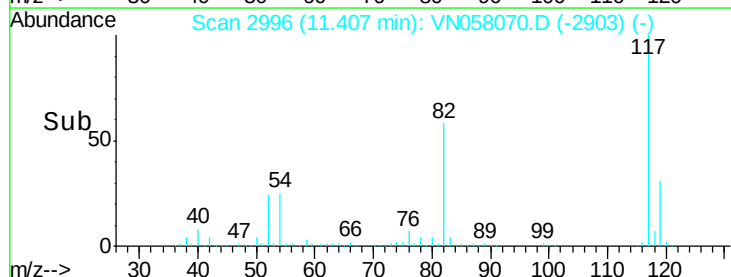
119 31.3 25.3 37.9

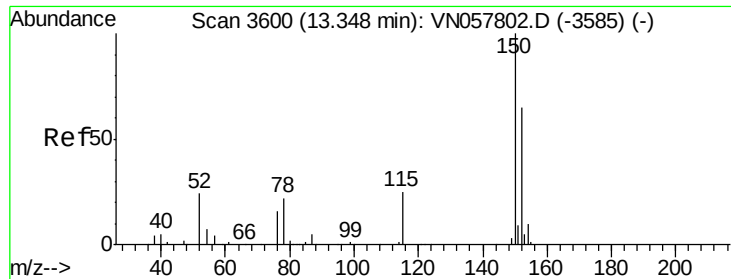


Abundance Ion 116.90 (116.60 to 117.60): VN058070.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058070.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058070.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058070.D

Acq: 14 Sep 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-5

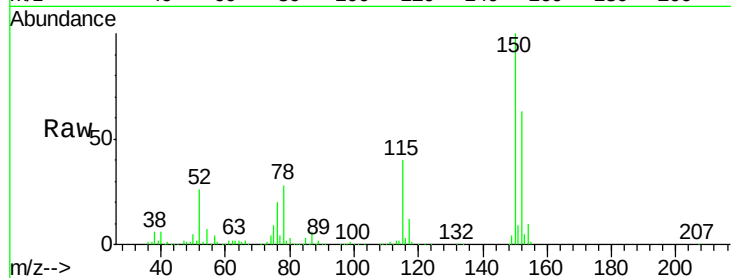
Tot Ion:152 Resp: 266545

Ion Ratio Lower Upper

152 100

115 62.1 30.3 91.0

150 160.8 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

