

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058067.D
 Acq On : 14 Sep 2019 11:07
 Operator : JC/SP
 Sample : K4862-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-4-5

Quant Time: Sep 16 05:41:08 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

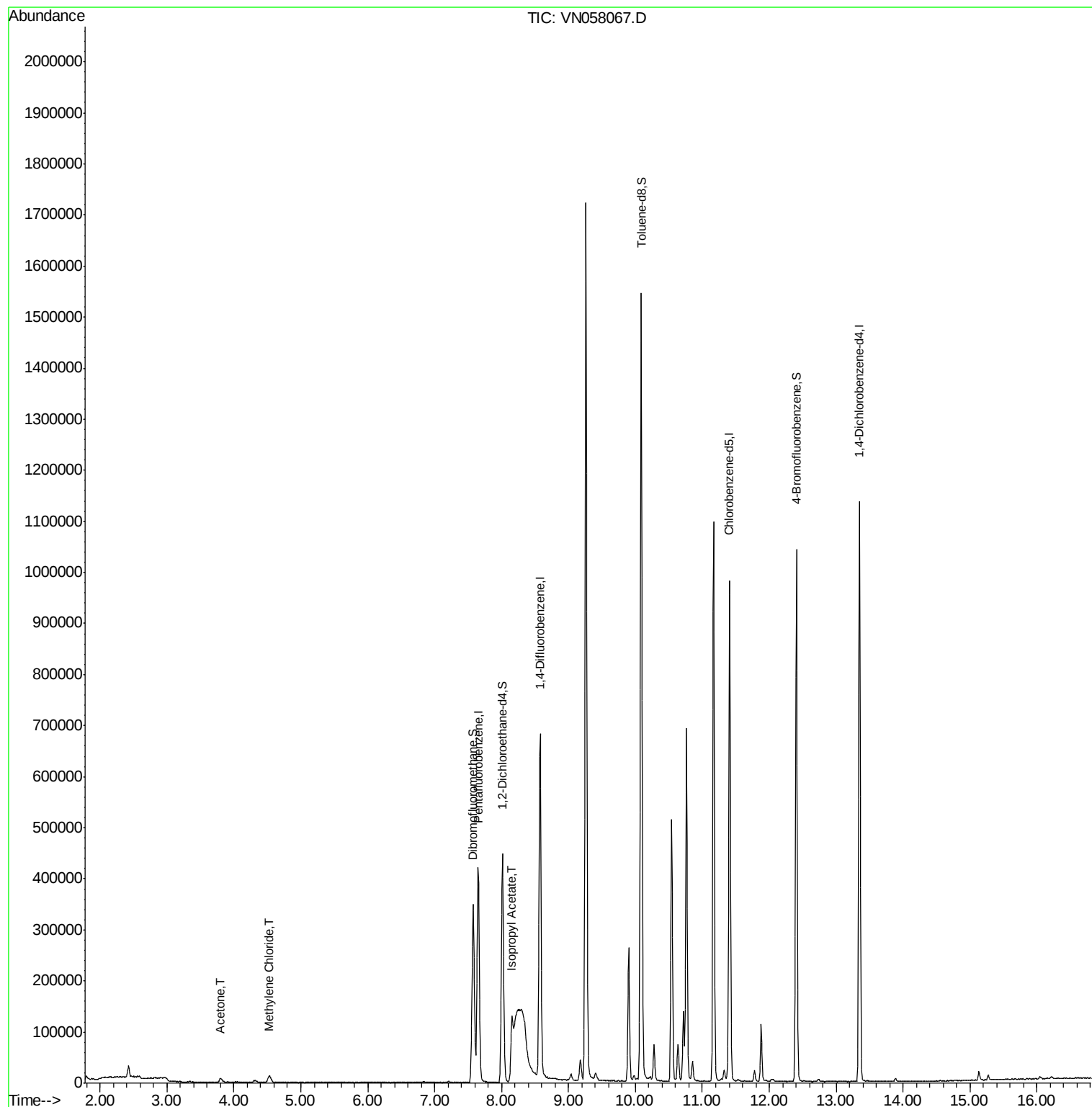
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	327766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	577851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	527729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	280442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	387385	58.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.70%	
35) Dibromofluoromethane	7.57	113	260925	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	10.09	98	1054889	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.41	95	346294	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
16) Acetone	3.80	43	13211	6.070	ug/l	Qvalue 100
20) Methylene Chloride	4.54	84	9477	1.083	ug/l	91
43) Isopropyl Acetate	8.16	43	151419	13.004	ug/l #	81

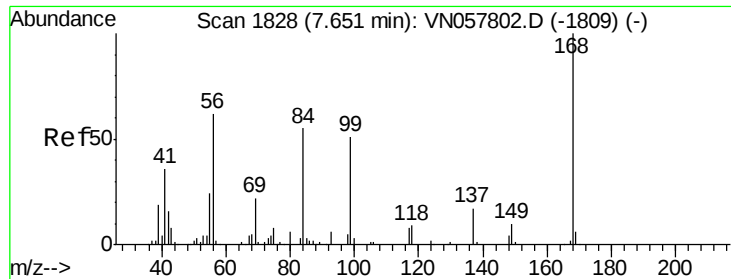
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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Quant Time: Sep 16 05:41:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
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: VN058067.D

Acq: 14 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

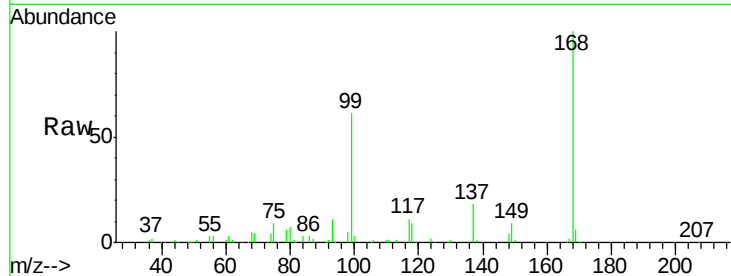
CSA-4-5

Tot Ion:168 Resp: 327766

Ion Ratio Lower Upper

168 100

99 61.0 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

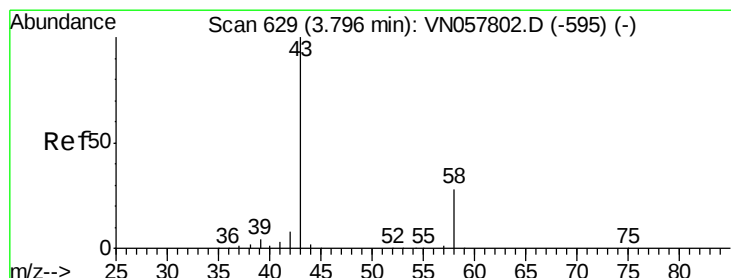
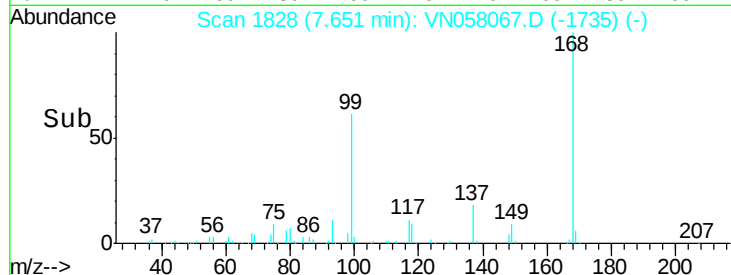
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.070 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058067.D

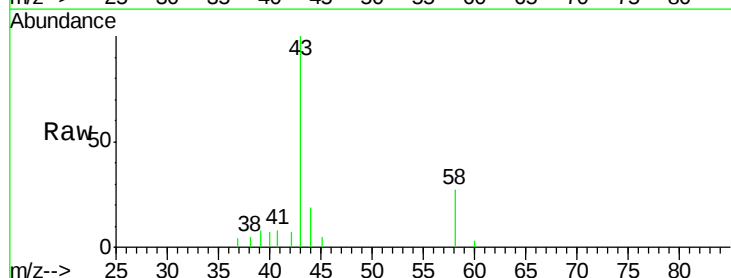
Acq: 14 Sep 2019 11:07

Tgt Ion: 43 Resp: 13211

Ion Ratio Lower Upper

43 100

58 27.6 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

5000

4000

3000

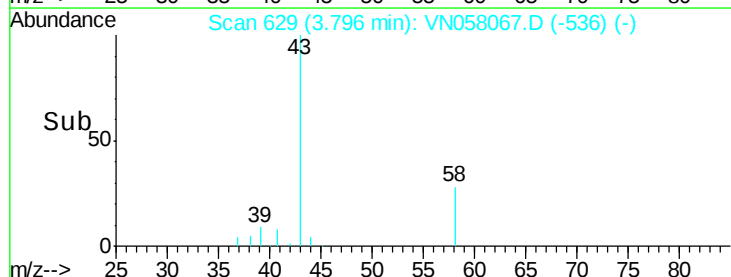
2000

1000

0

3.75 3.80 3.85

Time-->





#20

Methylene Chloride

Concen: 1.083 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.01 min

Lab File: VN058067.D

Acq: 14 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

CSA-4-5

Tot Ion: 84 Resp: 9477

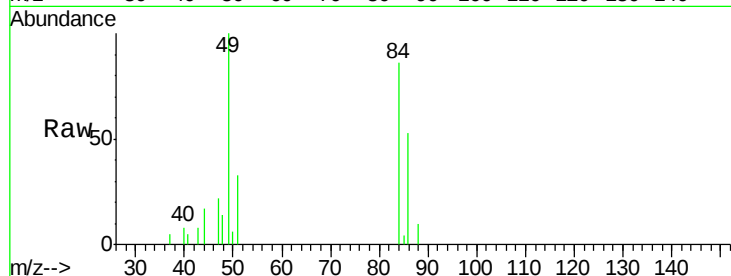
Ion Ratio Lower Upper

84 100

49 115.9 104.8 157.2

51 38.3 33.0 49.4

86 61.1 50.5 75.7

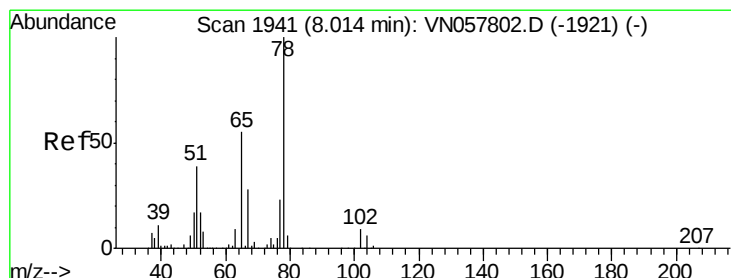
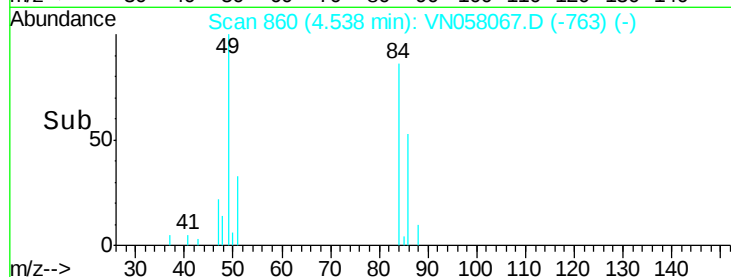
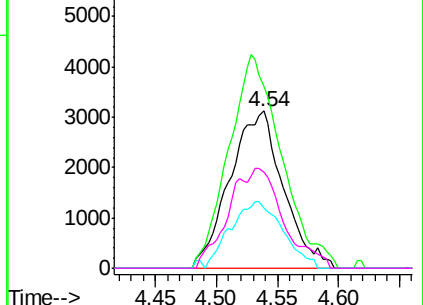


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 58.353 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058067.D

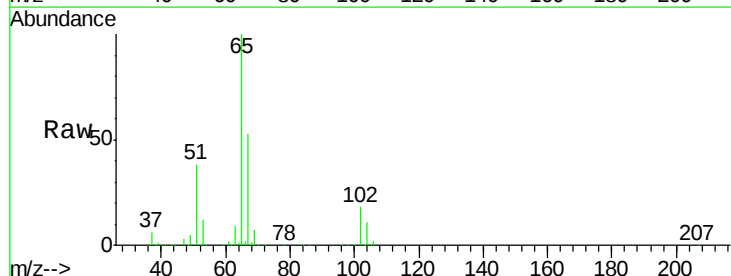
Acq: 14 Sep 2019 11:07

Tgt Ion: 65 Resp: 387385

Ion Ratio Lower Upper

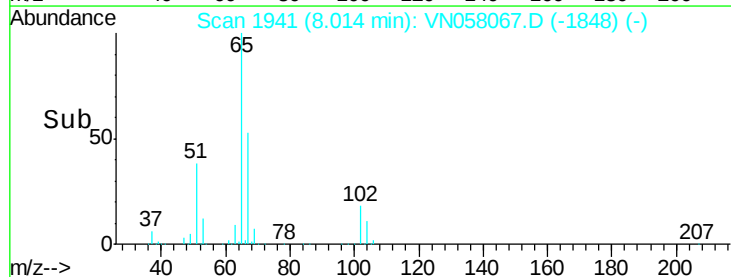
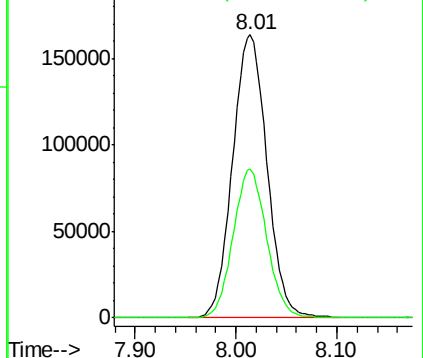
65 100

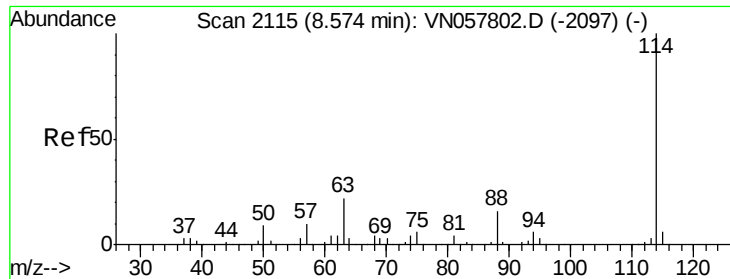
67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

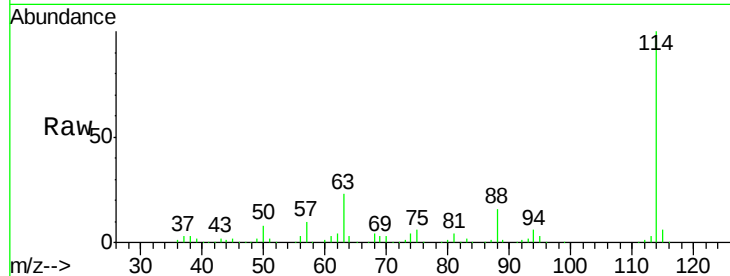




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058067.D
 Acq: 14 Sep 2019 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-4-5

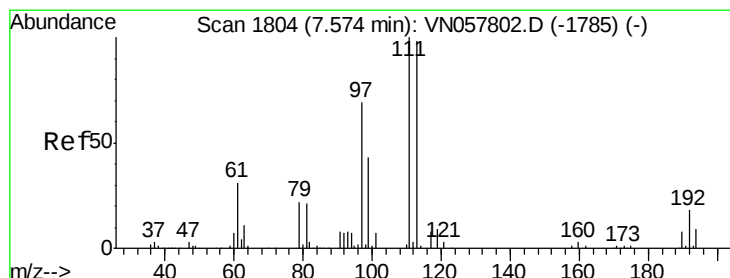
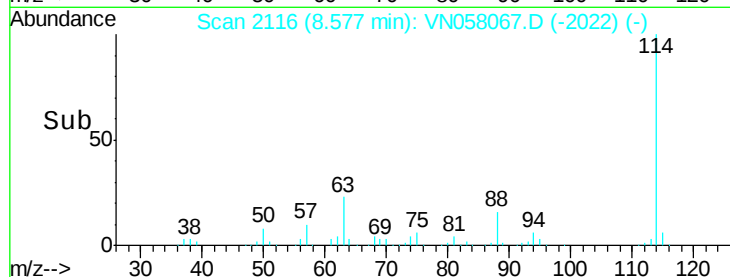
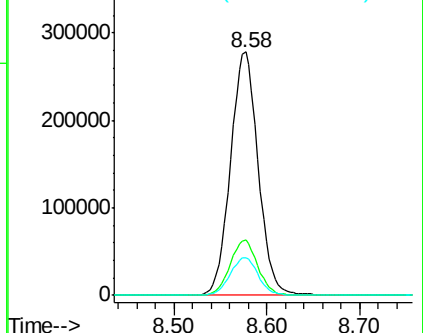
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	15.6	0.0	31.4



Abundance Ion 113.90 (113.60 to 114.60): V

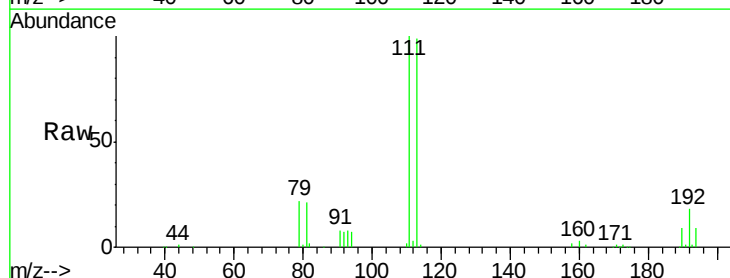
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 48.923 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058067.D
 Acq: 14 Sep 2019 11:07

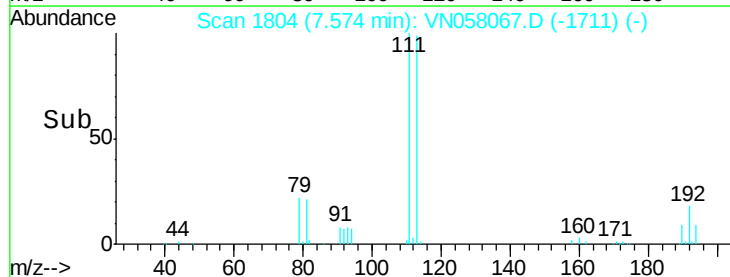
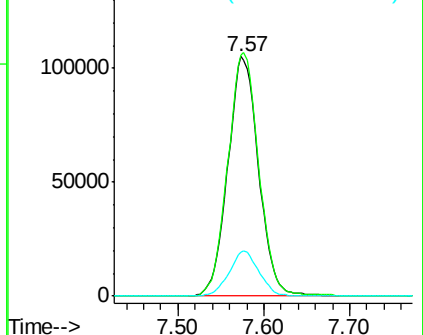
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	18.4	14.6	22.0

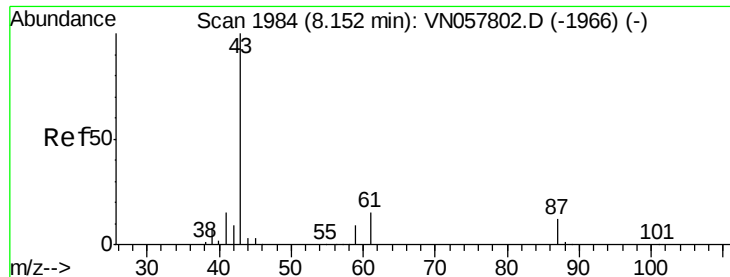


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 13.004 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058067.D

Acq: 14 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

CSA-4-5

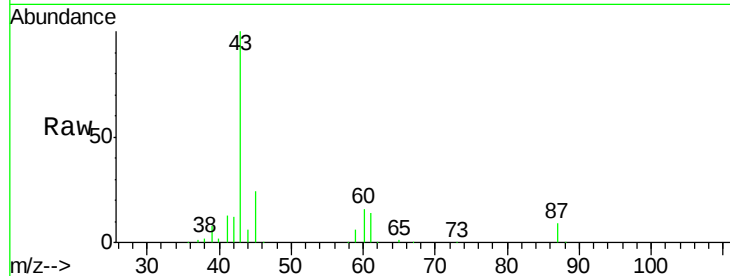
Tot Ion: 43 Resp: 151419

Ion Ratio Lower Upper

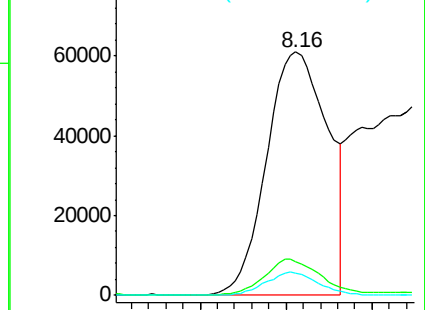
43 100

61 13.6 20.1 30.1#

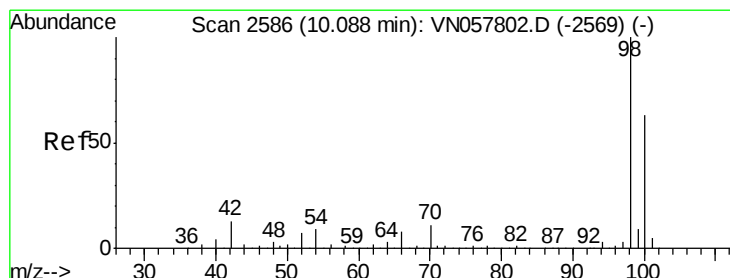
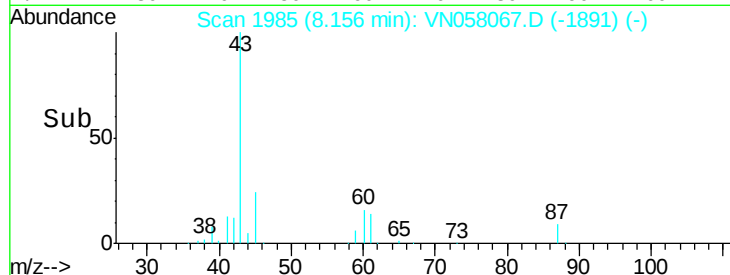
87 8.2 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



Time-->



#50

Toluene-d8

Concen: 50.944 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058067.D

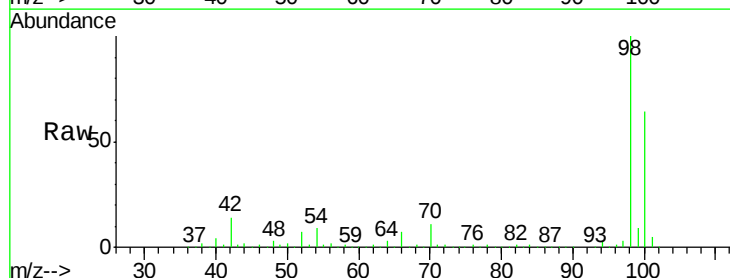
Acq: 14 Sep 2019 11:07

Tgt Ion: 98 Resp: 1054889

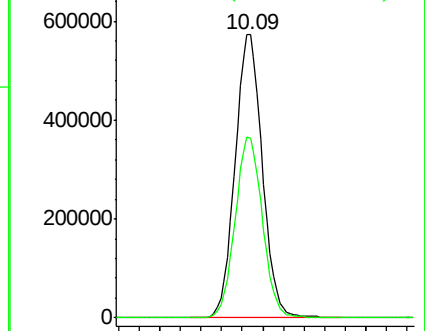
Ion Ratio Lower Upper

98 100

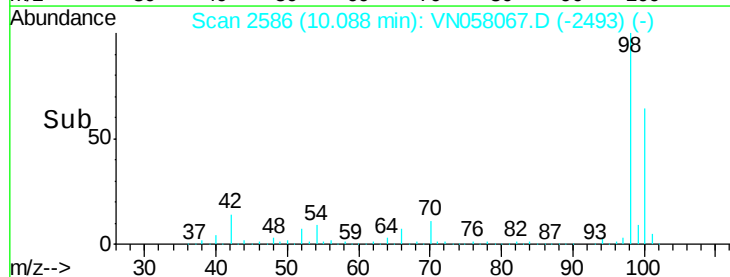
100 64.2 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO



Time-->





#62

4-Bromofluorobenzene

Concen: 43.884 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058067.D

Acq: 14 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

CSA-4-5

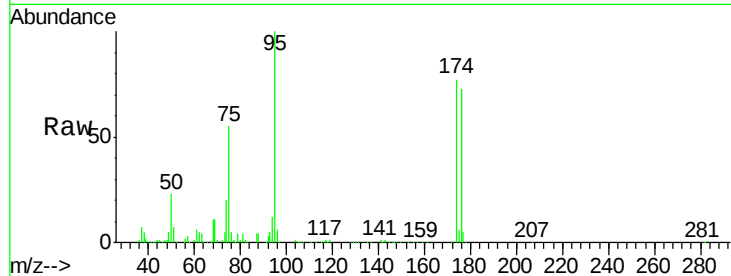
Tot Ion: 95 Resp: 346294

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.2

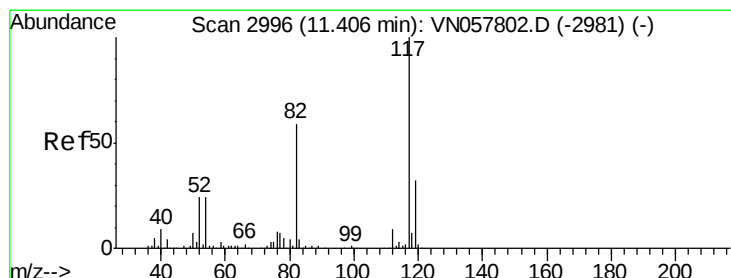
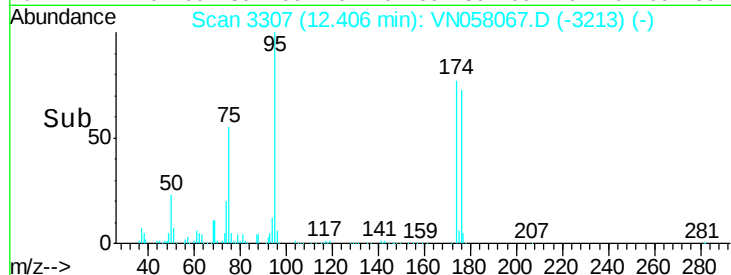
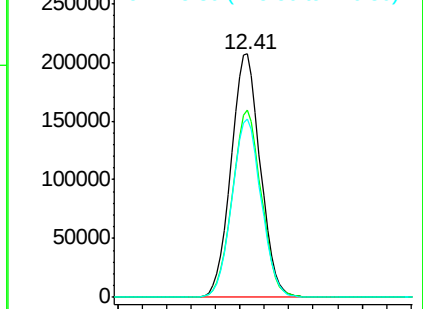
176 73.4 0.0 146.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058067.D

Acq: 14 Sep 2019 11:07

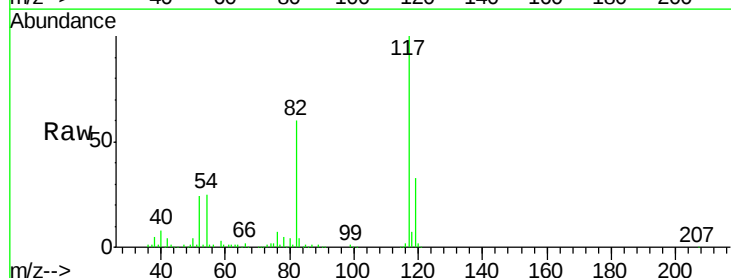
Tgt Ion: 117 Resp: 527729

Ion Ratio Lower Upper

117 100

82 59.9 47.2 70.8

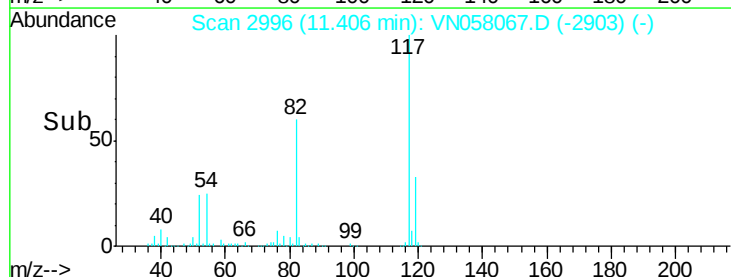
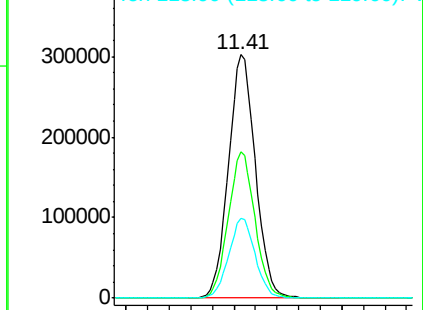
119 32.8 25.3 37.9

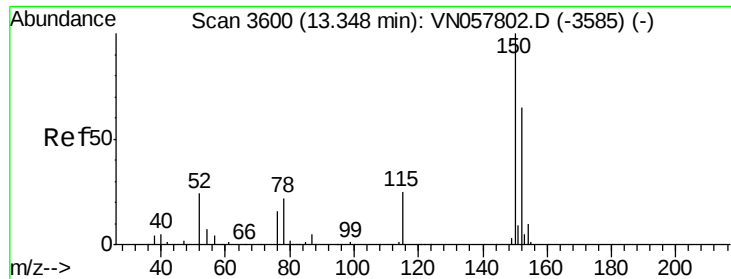


Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058067.D

Acq: 14 Sep 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

CSA-4-5

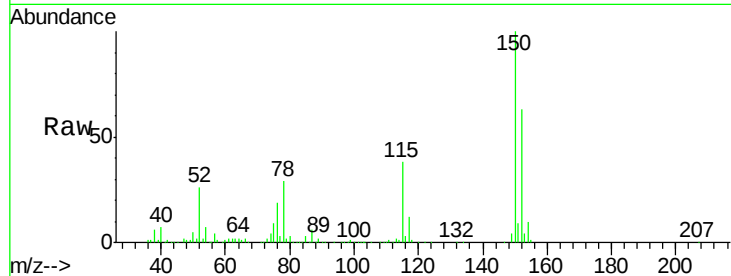
Tot Ion:152 Resp: 280442

Ion Ratio Lower Upper

152 100

115 60.7 30.3 91.0

150 159.0 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

