

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054878.D
 Acq On : 1 Apr 2019 16:49
 Operator : JC/SP
 Sample : K2182-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S7C(10)

Quant Time: Apr 02 06:26:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

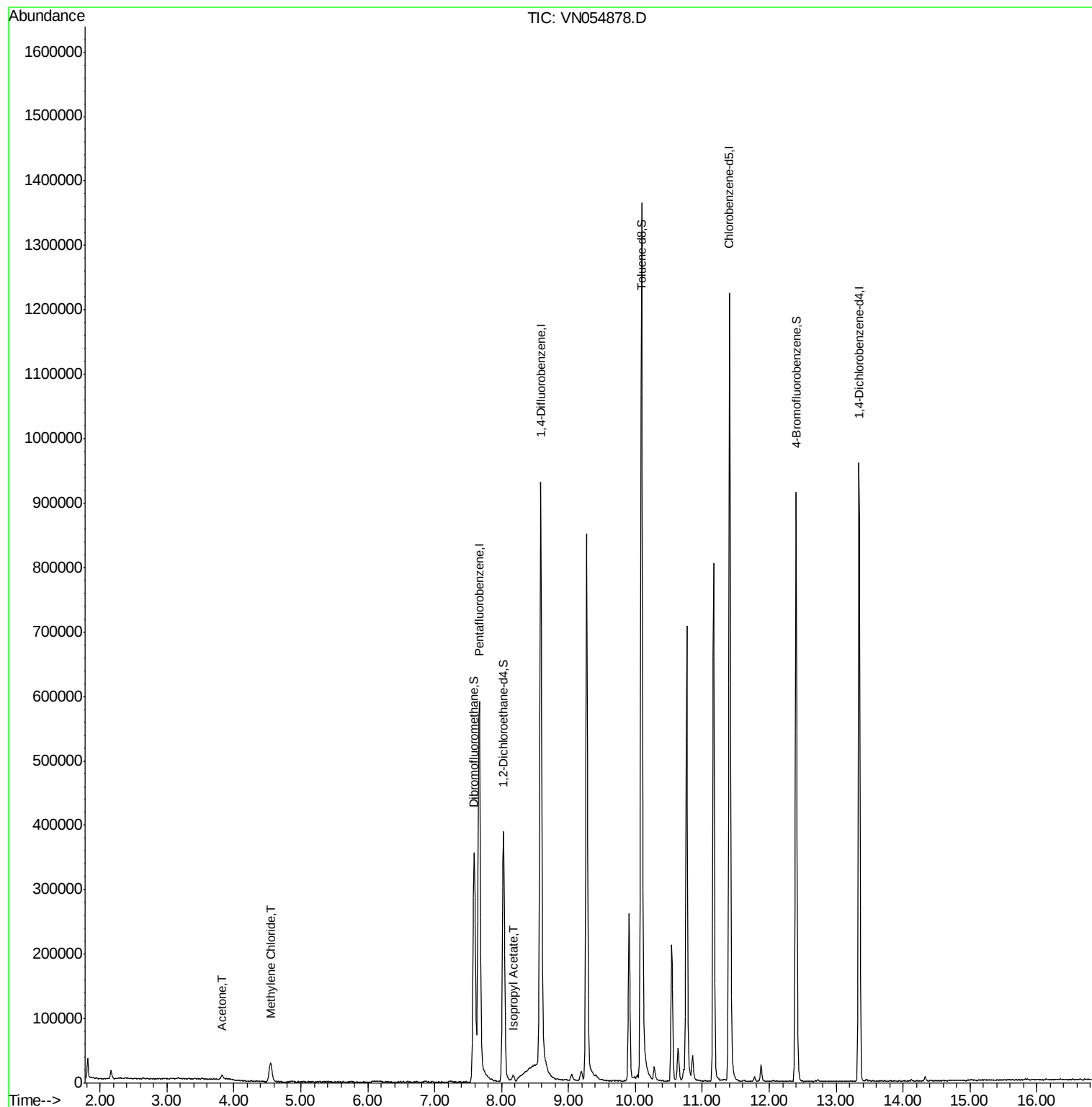
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	501918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	843196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	736242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	257804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	335919	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	7.59	113	270510	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	10.09	98	1022459	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.40	95	313759	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
Target Compounds						
16) Acetone	3.82	43	10714	6.640	ug/l #	82
20) Methylene Chloride	4.55	84	19786	3.477	ug/l #	83
43) Isopropyl Acetate	8.17	43	11765	1.257	ug/l #	88

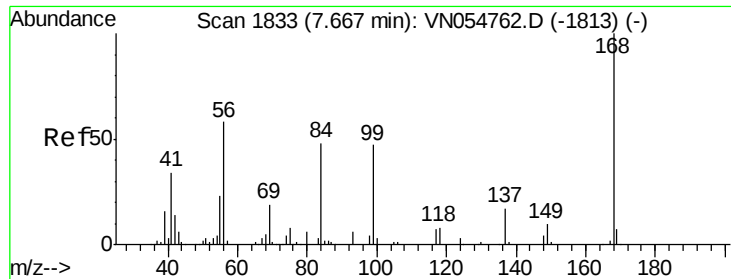
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040119\
Data File : VN054878.D
Acq On : 1 Apr 2019 16:49
Operator : JC/SP
Sample : K2182-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S7C(10)

Quant Time: Apr 02 06:26:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054878.D

Acq: 1 Apr 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

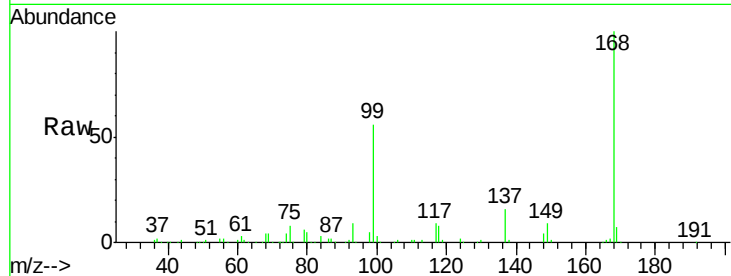
S7C(10)

Tot Ion:168 Resp: 501918

Ion Ratio Lower Upper

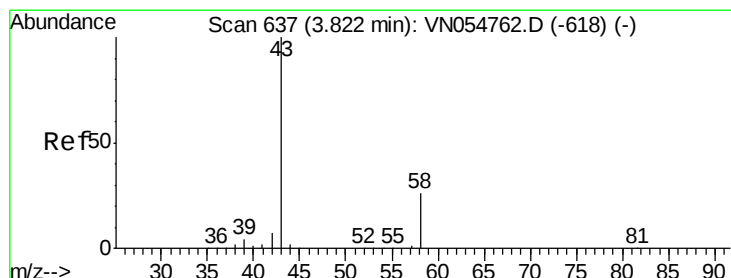
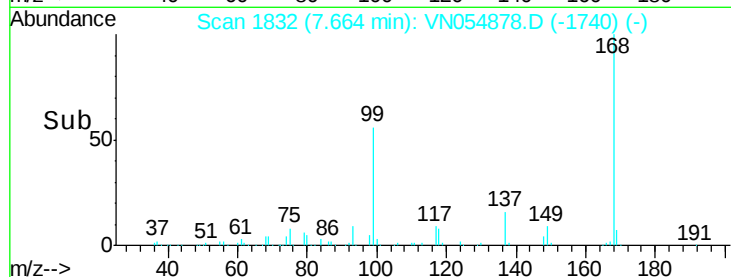
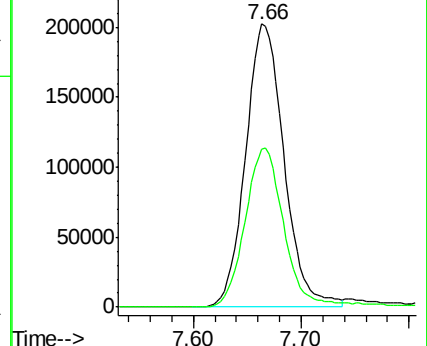
168 100

99 55.7 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.640 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054878.D

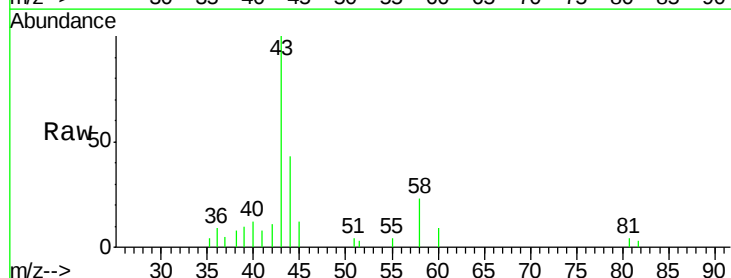
Acq: 1 Apr 2019 16:49

Tgt Ion: 43 Resp: 10714

Ion Ratio Lower Upper

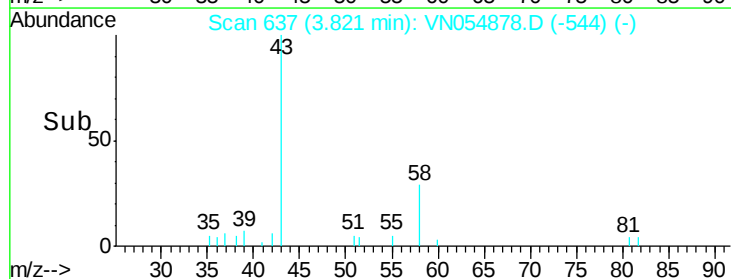
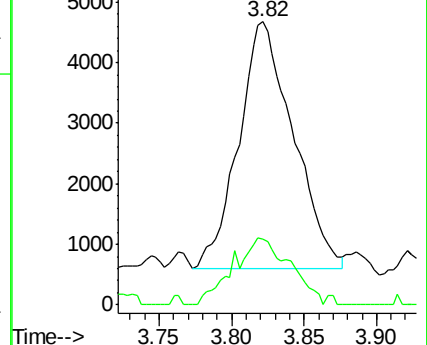
43 100

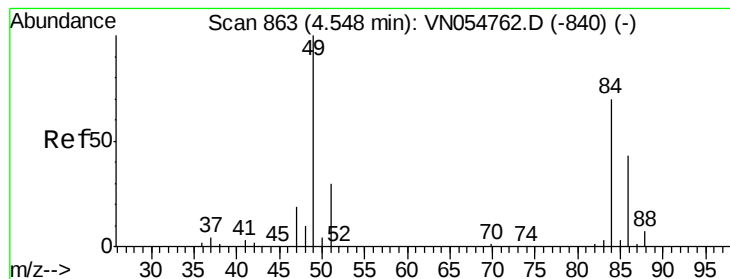
58 26.8 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 3.477 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN054878.D

Acq: 1 Apr 2019 16:49

Instrument :

MSVOA_N

ClientSampled :

S7C(10)

Tot Ion: 84 Resp: 19786

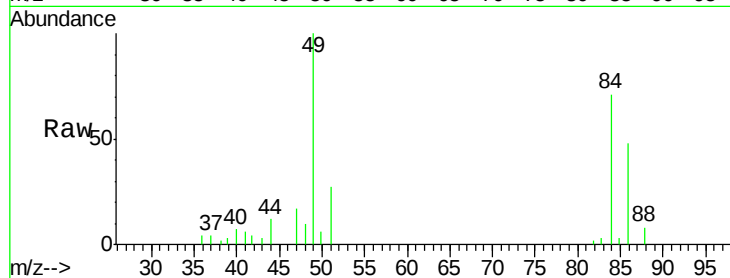
Ion Ratio Lower Upper

84 100

49 141.3 89.7 134.5#

51 38.8 28.2 42.4

86 68.1 50.8 76.2



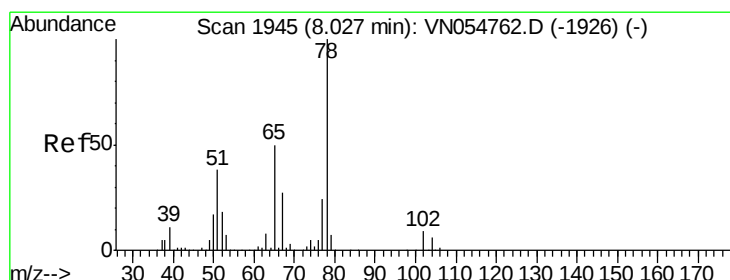
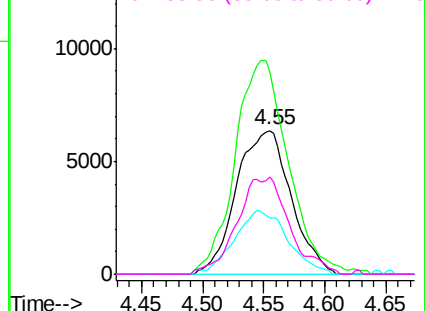
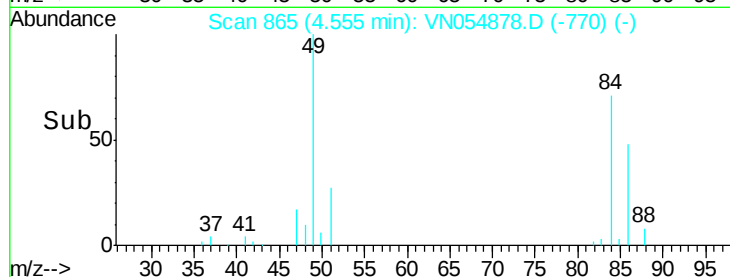
Abundance

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: 49.648 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054878.D

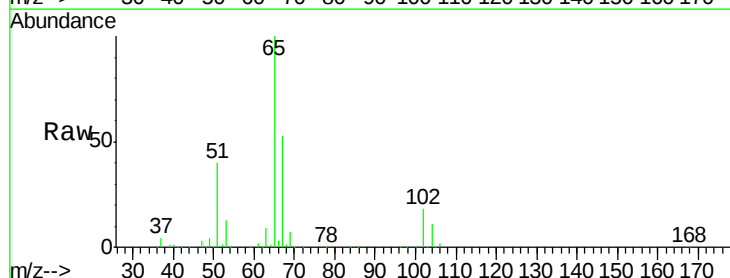
Acq: 1 Apr 2019 16:49

Tgt Ion: 65 Resp: 335919

Ion Ratio Lower Upper

65 100

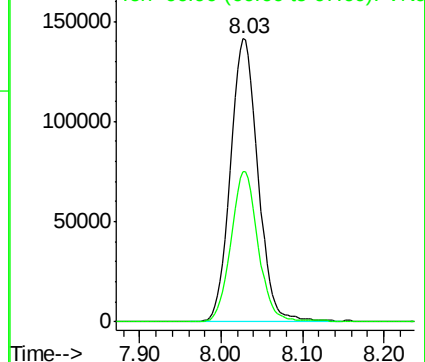
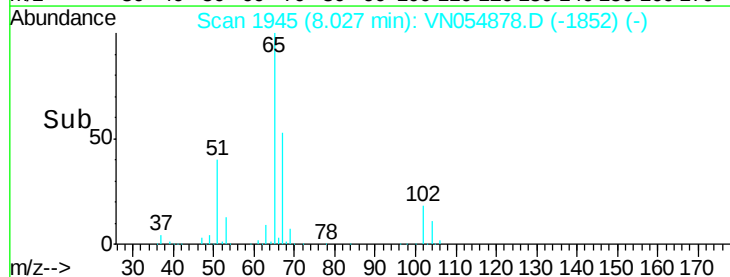
67 52.3 0.0 104.6

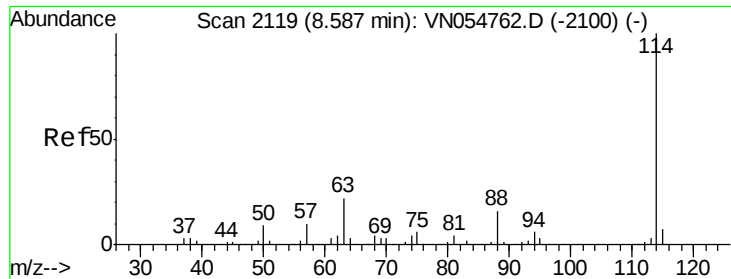


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

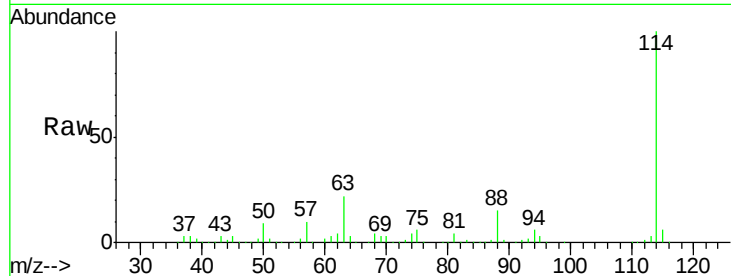




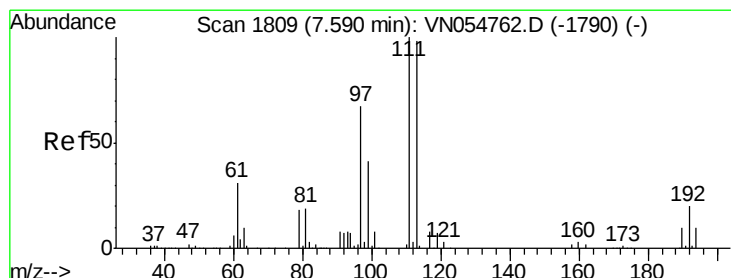
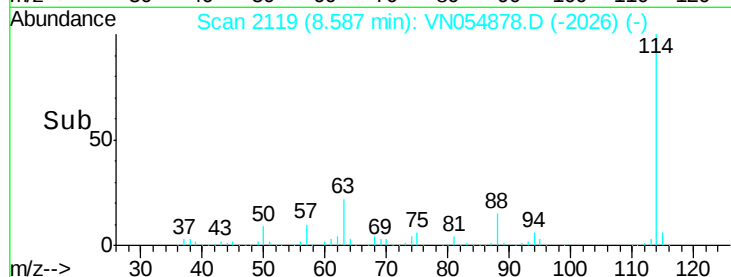
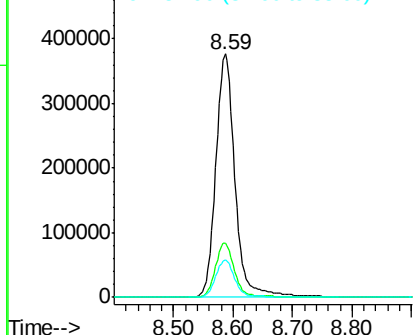
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054878.D
 Acq: 1 Apr 2019 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 S7C(10)

Tot Ion:114 Resp: 843196
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.2
 88 15.4 0.0 30.2

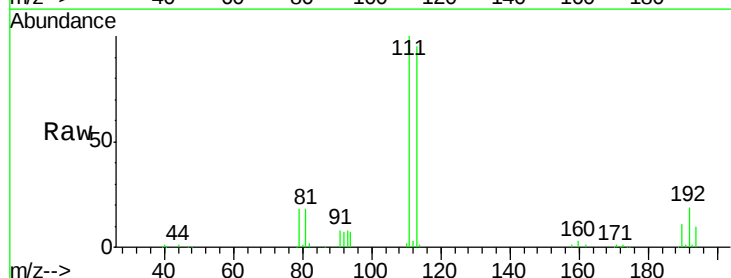


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

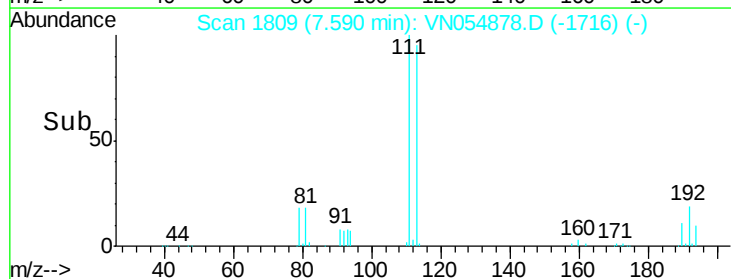
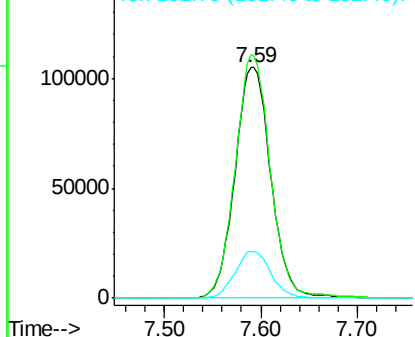


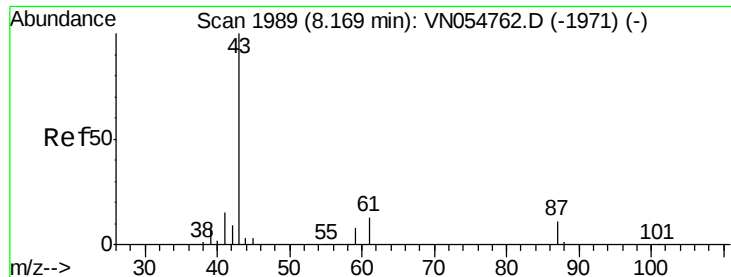
#35
 Dibromofluoromethane
 Concen: 48.121 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054878.D
 Acq: 1 Apr 2019 16:49

Tgt Ion:113 Resp: 270510
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 20.3 19.2 28.8



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: 1.257 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054878.D

Acq: 1 Apr 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

S7C(10)

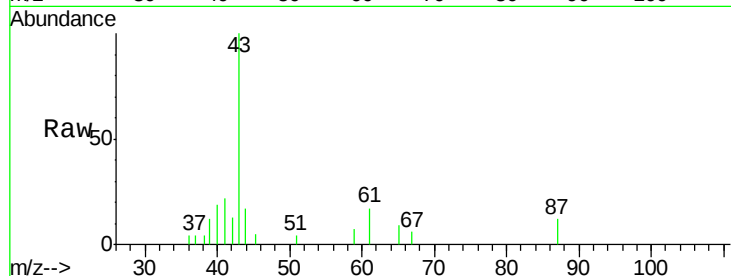
Tot Ion: 43 Resp: 11765

Ion Ratio Lower Upper

43 100

61 17.2 15.8 23.8

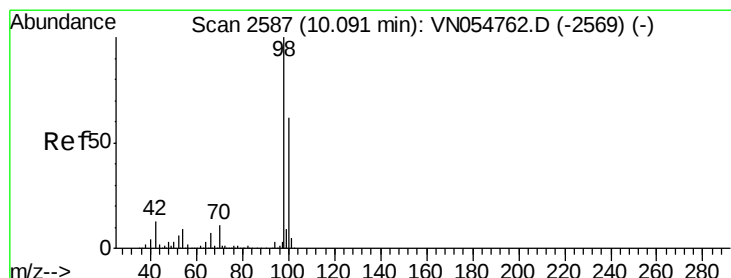
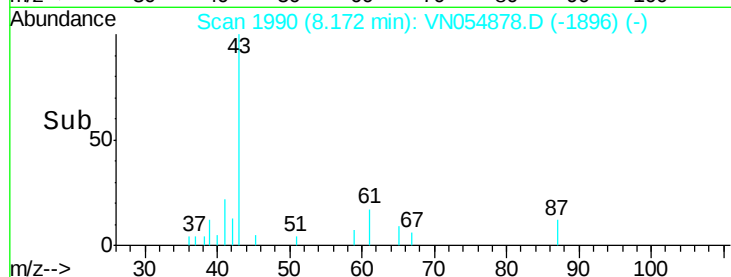
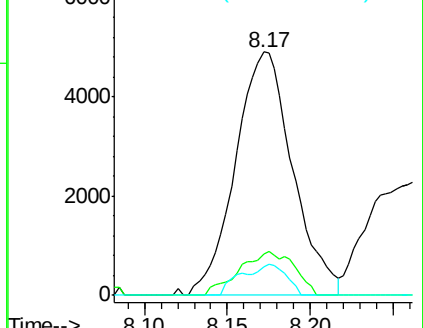
87 6.1 12.0 18.0#



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: 48.922 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054878.D

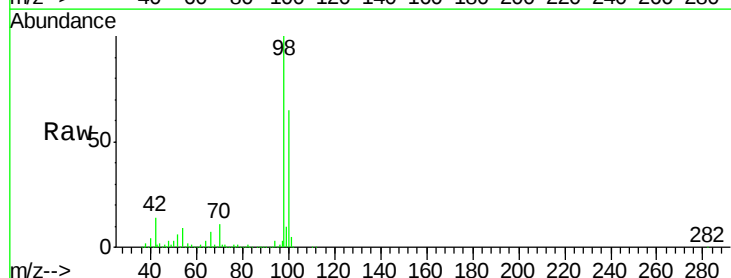
Acq: 1 Apr 2019 16:49

Tgt Ion: 98 Resp: 1022459

Ion Ratio Lower Upper

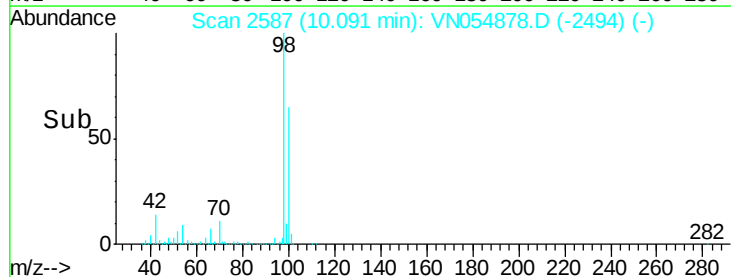
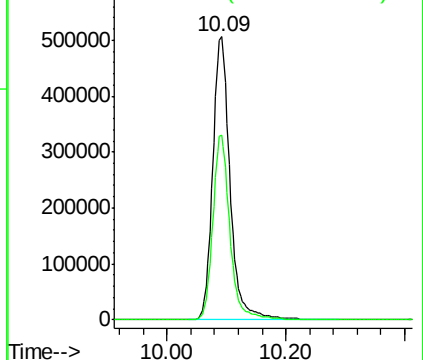
98 100

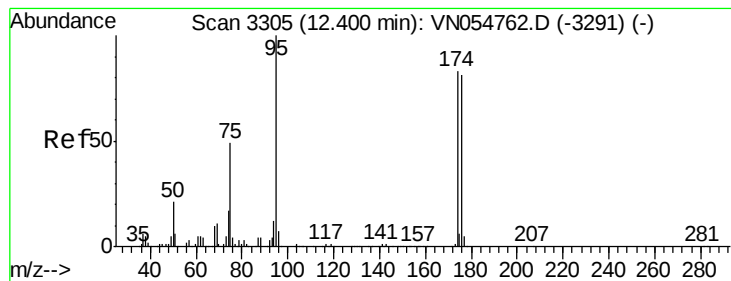
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.141 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054878.D

Acq: 1 Apr 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

S7C(10)

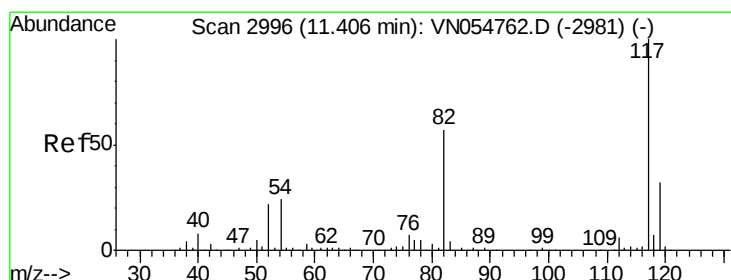
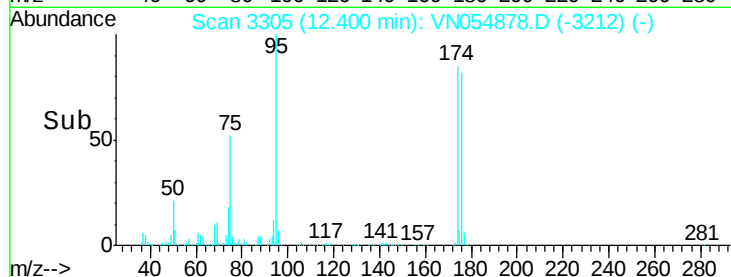
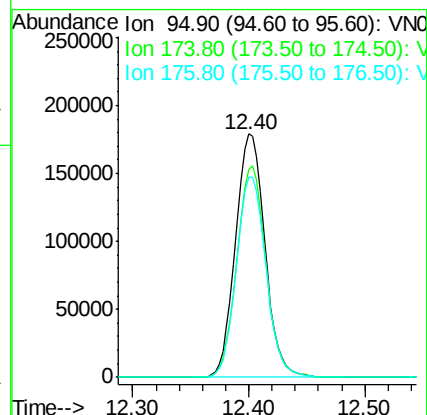
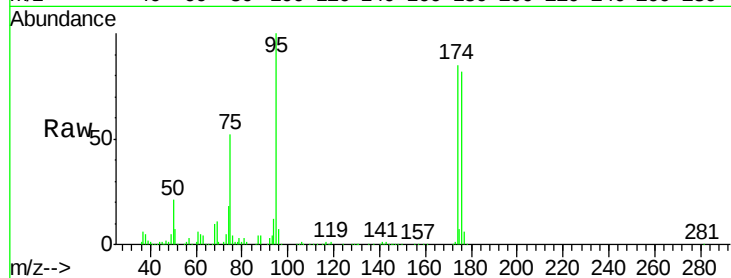
Tot Ion: 95 Resp: 313759

Ion Ratio Lower Upper

95 100

174 85.6 0.0 191.0

176 82.7 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054878.D

Acq: 1 Apr 2019 16:49

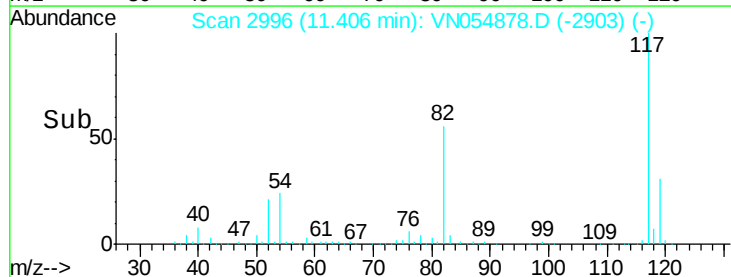
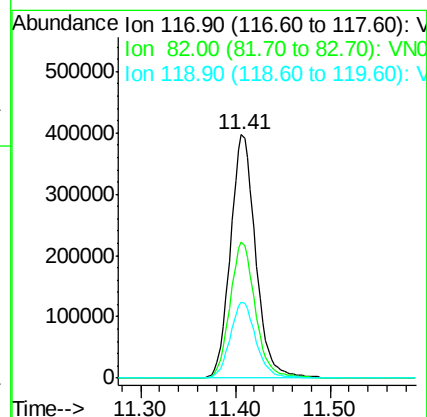
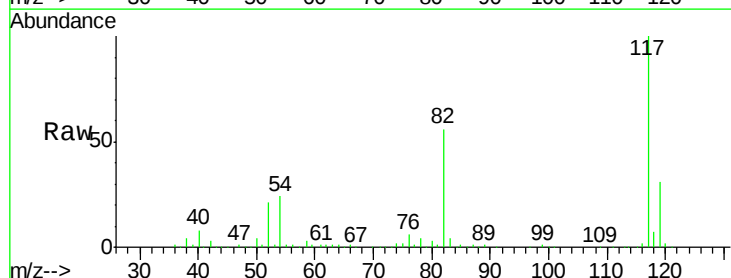
Tgt Ion: 117 Resp: 736242

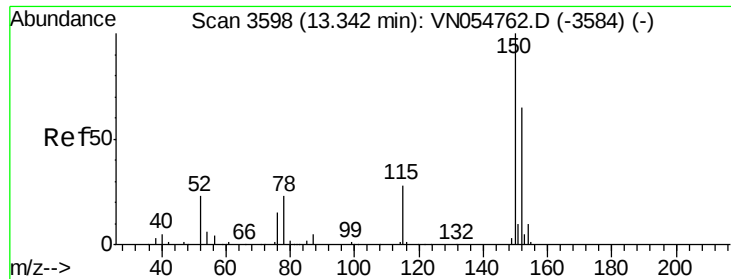
Ion Ratio Lower Upper

117 100

82 55.9 40.0 60.0

119 31.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054878.D

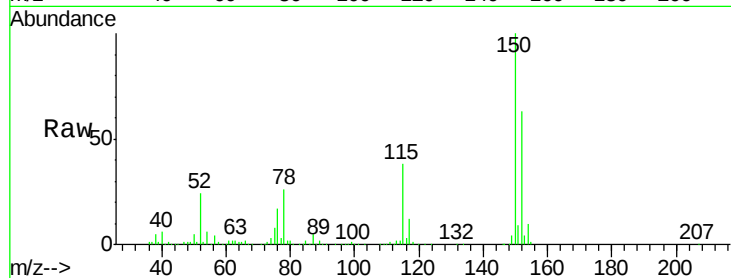
Acq: 1 Apr 2019 16:49

Instrument :

MSVOA_N

ClientSampleId :

S7C(10)



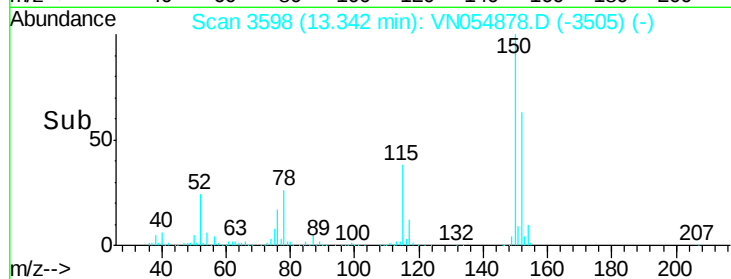
Tot Ion:152 Resp: 257804

Ion Ratio Lower Upper

152 100

115 59.2 27.2 81.6

150 157.9 0.0 349.2



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

