

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054810.D
 Acq On : 30 Mar 2019 18:39
 Operator : JC/SP
 Sample : K2138-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S6A(20)

Quant Time: Mar 30 23:49:05 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

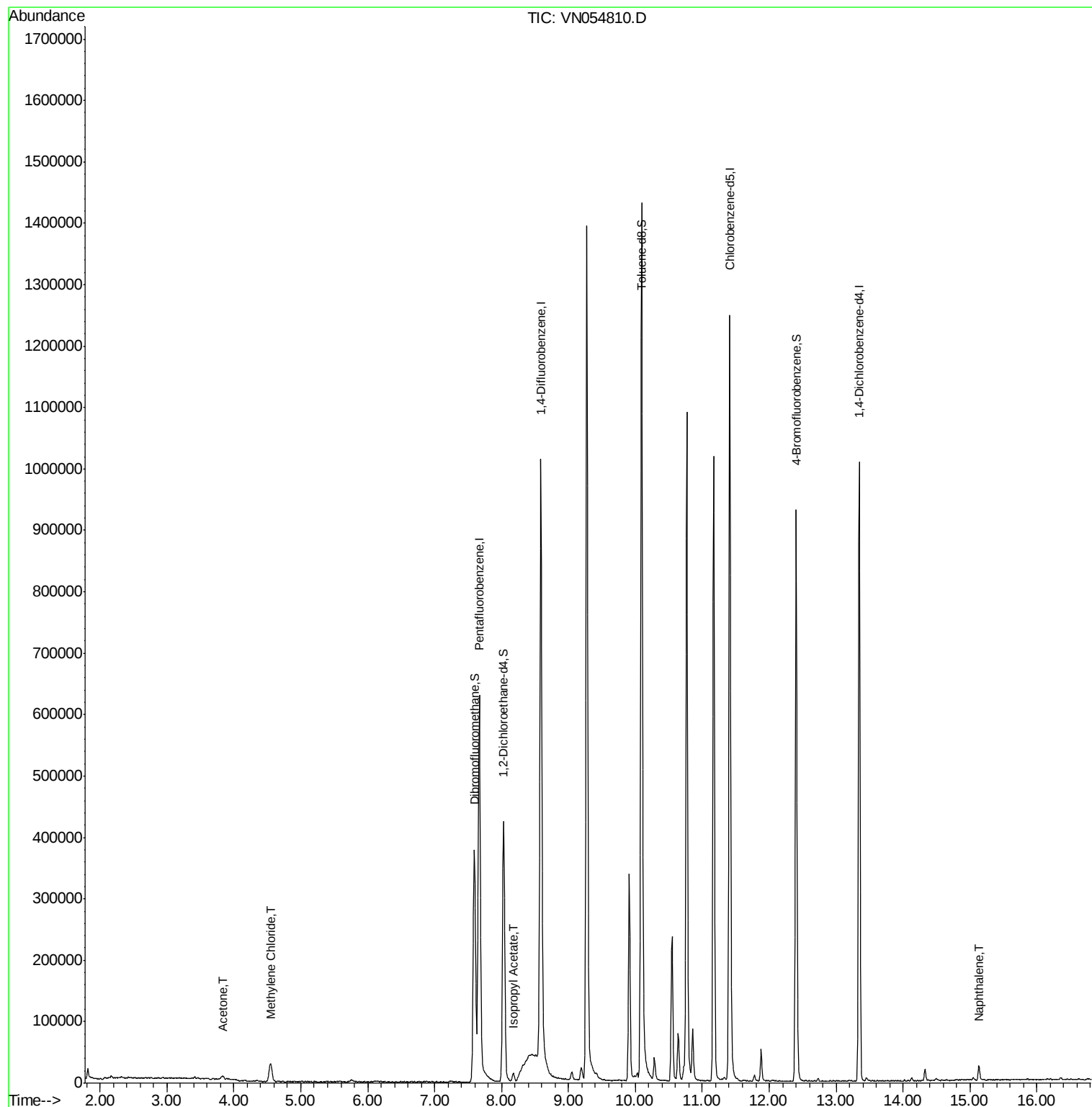
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	541981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	881538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	737811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	265179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	366105	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	7.59	113	285024	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	10.09	98	1057272	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	318297	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
Target Compounds						
16) Acetone	3.83	43	8953	5.139	ug/l	91
20) Methylene Chloride	4.54	84	20788	3.383	ug/l #	86
43) Isopropyl Acetate	8.18	43	16950	1.732	ug/l #	90
95) Naphthalene	15.13	128	19364	2.026	ug/l	99

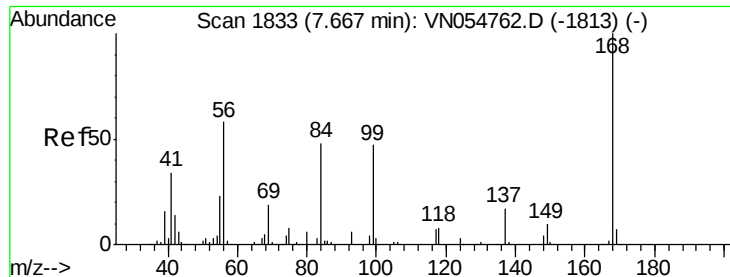
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
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QLast Update : Sat Mar 30 00:48:18 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054810.D

Acq: 30 Mar 2019 18:39

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MSVOA_N

ClientSampleId :

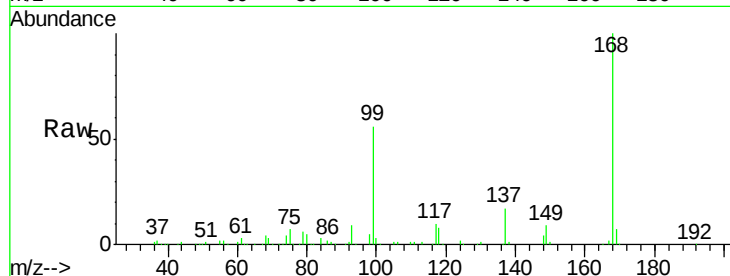
S6A(20)

Tot Ion:168 Resp: 541981

Ion Ratio Lower Upper

168 100

99 55.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

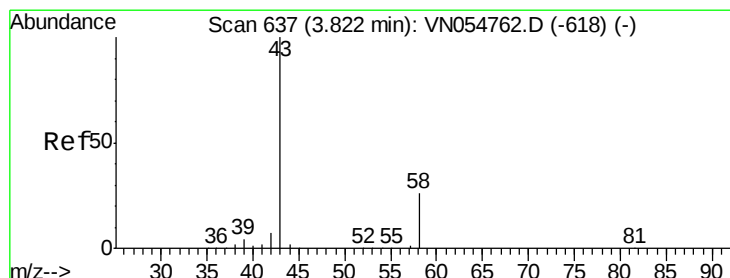
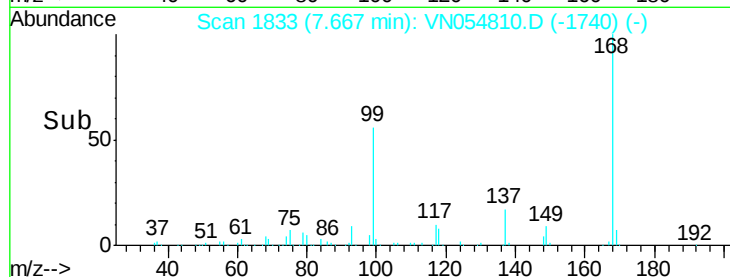
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.139 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN054810.D

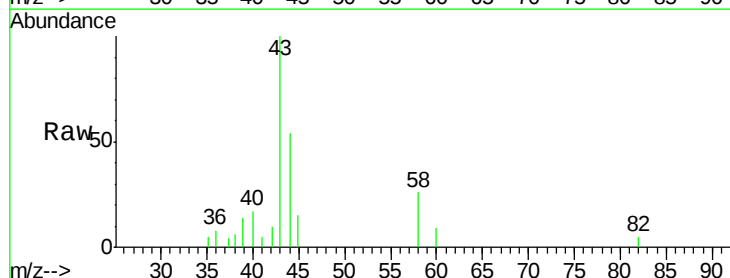
Acq: 30 Mar 2019 18:39

Tgt Ion: 43 Resp: 8953

Ion Ratio Lower Upper

43 100

58 31.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

4000

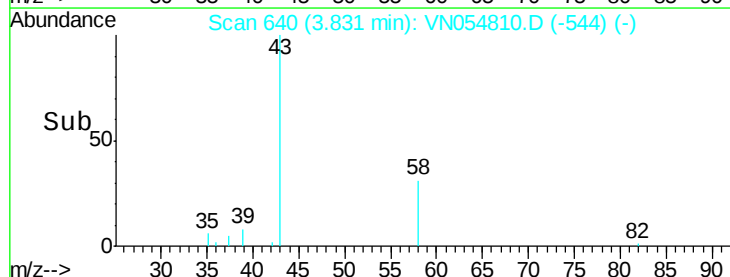
3000

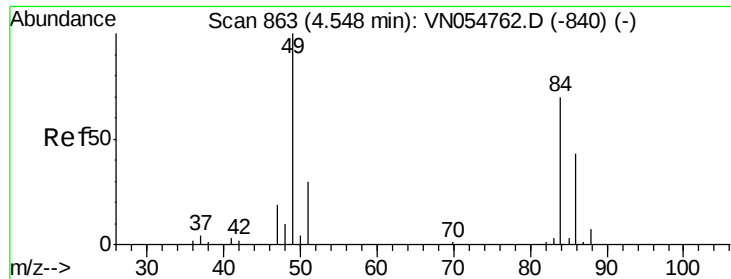
2000

1000

0

Time-->

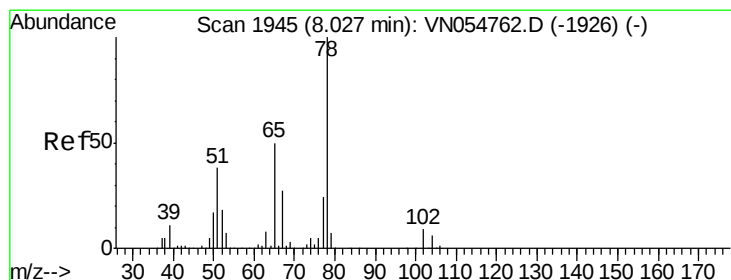
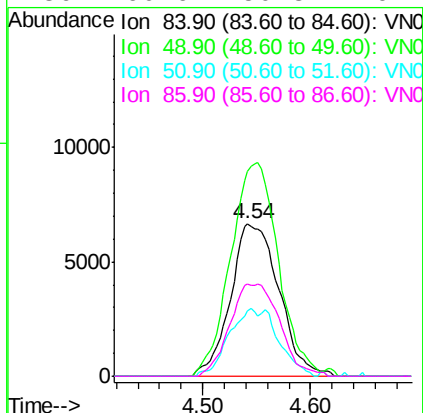
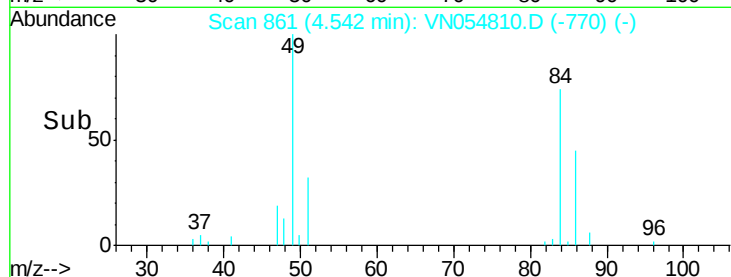
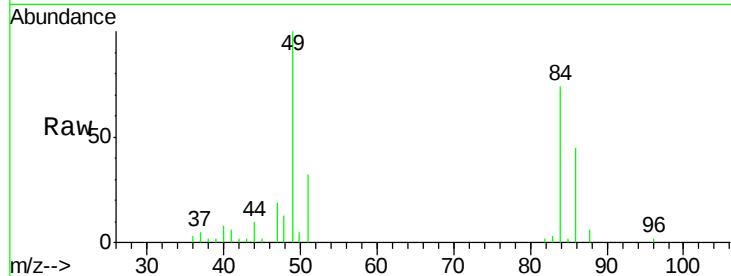




#20
Methvlene Chloride
Concen: 3.383 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN054810.D
Acq: 30 Mar 2019 18:39

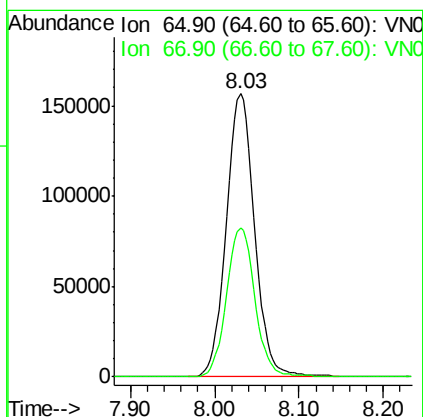
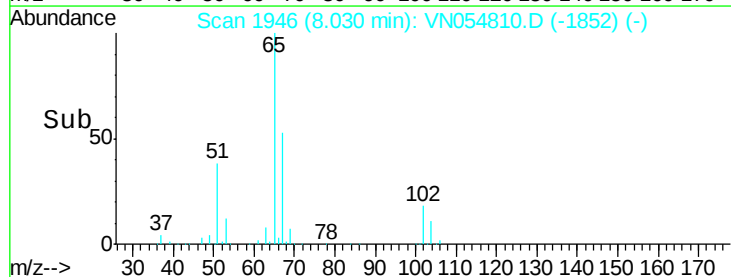
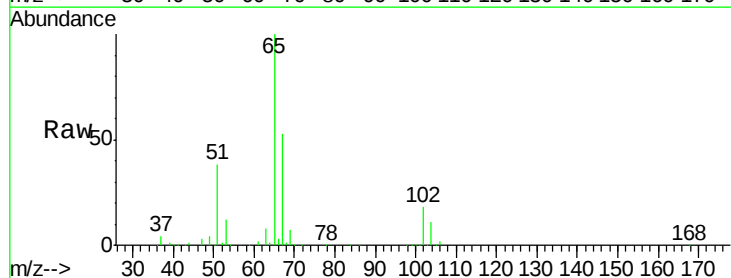
Instrument :
MSVOA_N
ClientSampled :
S6A(20)

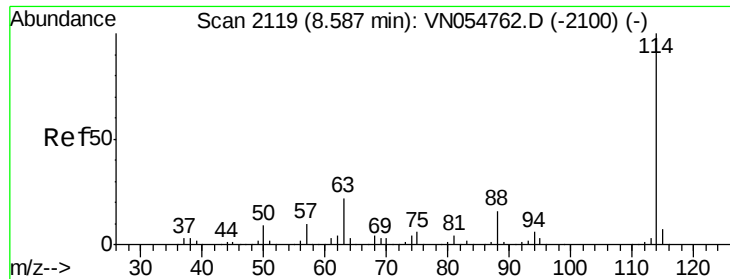
Tot Ion: 84 Resp: 20788
Ion Ratio Lower Upper
84 100
49 134.2 89.7 134.5
51 42.8 28.2 42.4#
86 60.6 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 50.110 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054810.D
Acq: 30 Mar 2019 18:39

Tgt Ion: 65 Resp: 366105
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.6

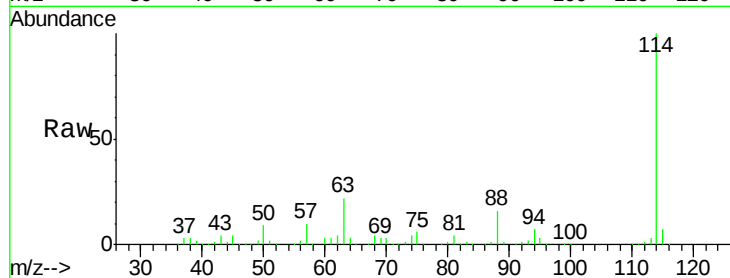




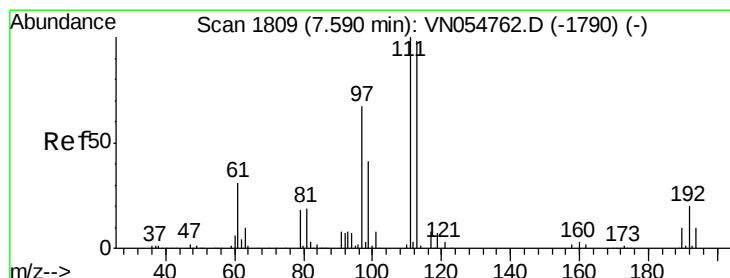
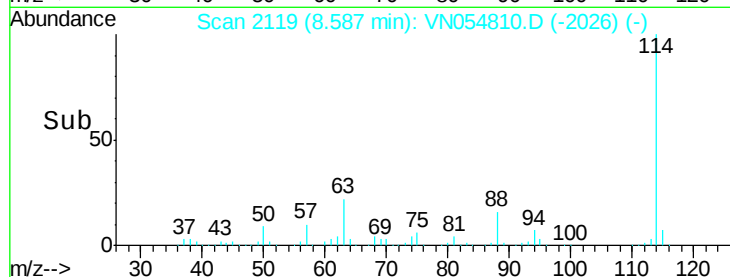
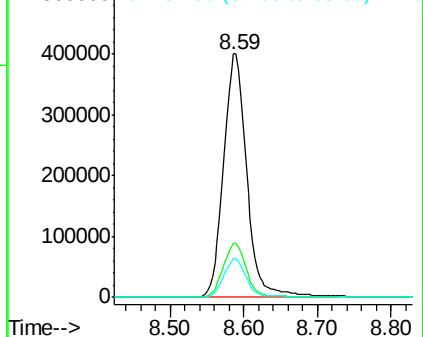
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054810.D
Acq: 30 Mar 2019 18:39

Instrument :
MSVOA_N
ClientSampled :
S6A(20)

Tot Ion:114 Resp: 881538
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.2
88 15.8 0.0 30.2

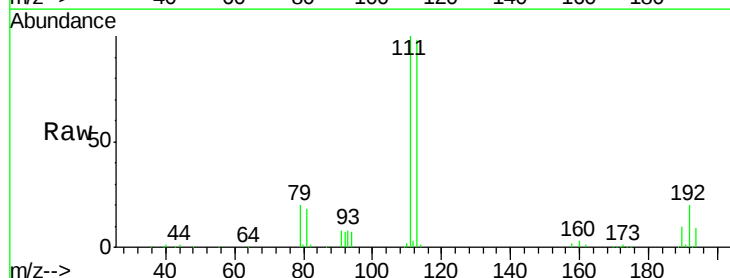


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

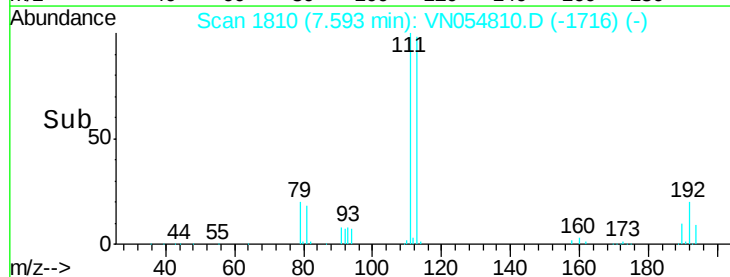
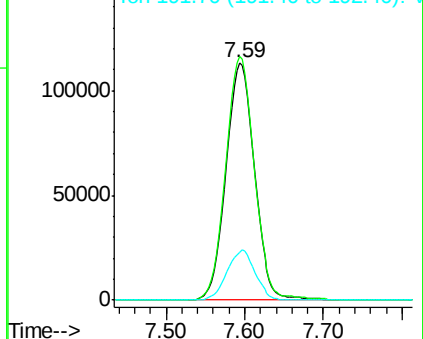


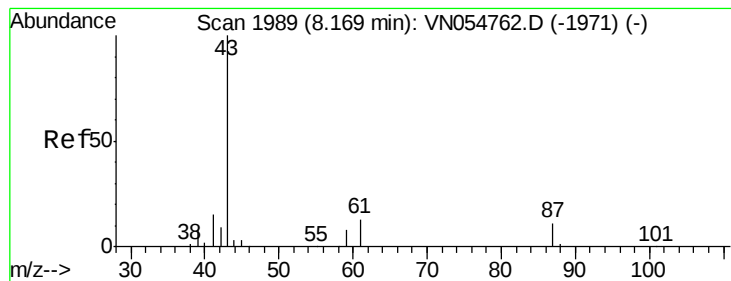
#35
Dibromofluoromethane
Concen: 48.497 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054810.D
Acq: 30 Mar 2019 18:39

Tgt Ion:113 Resp: 285024
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 20.6 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: 1.732 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.01 min

Lab File: VN054810.D

Acq: 30 Mar 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

S6A(20)

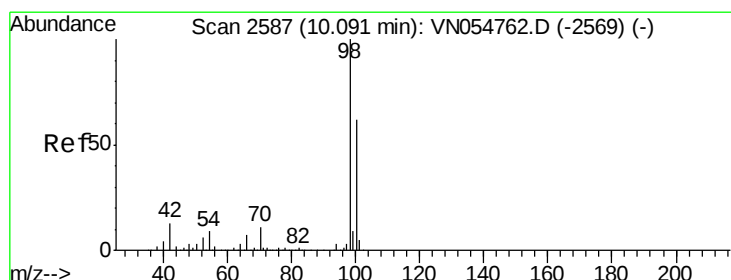
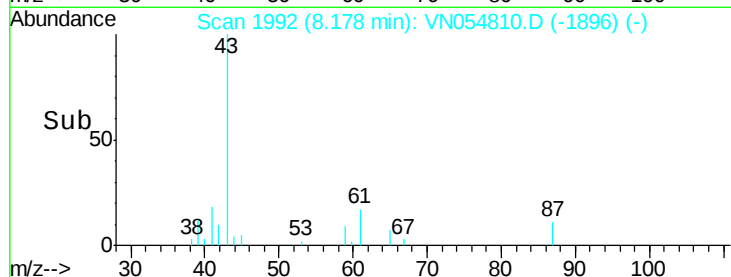
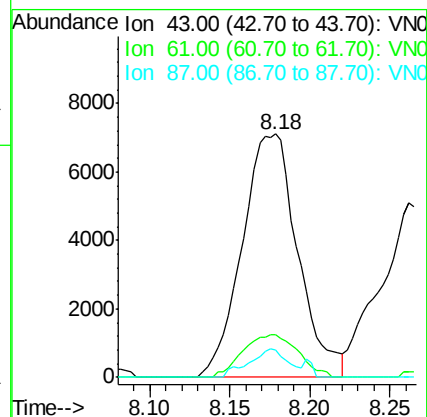
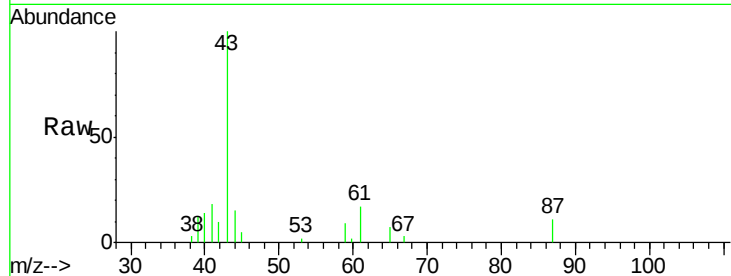
Tot Ion: 43 Resp: 16950

Ion Ratio Lower Upper

43 100

61 17.4 15.8 23.8

87 8.2 12.0 18.0#



#50

Toluene-d8

Concen: 48.388 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054810.D

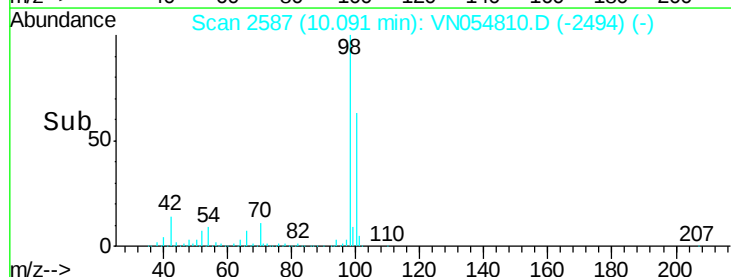
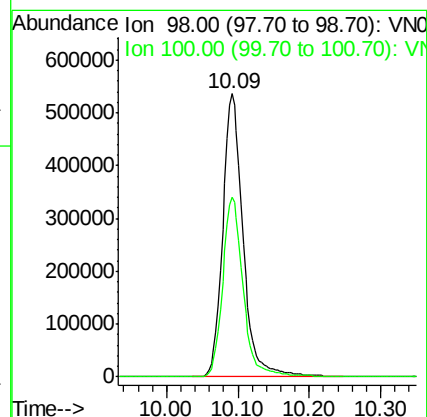
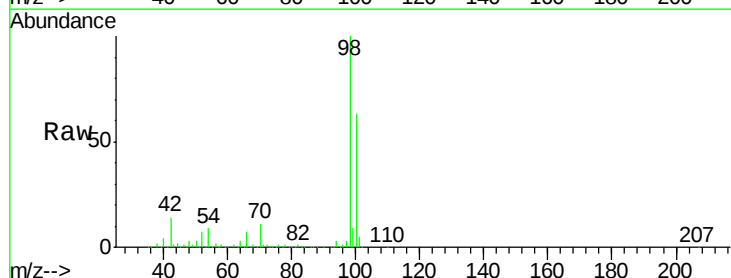
Acq: 30 Mar 2019 18:39

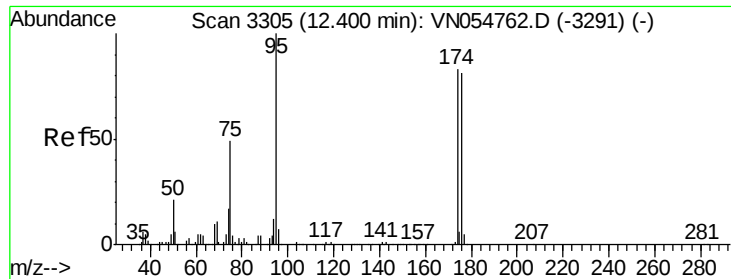
Tgt Ion: 98 Resp: 1057272

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.802 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054810.D

Acq: 30 Mar 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

S6A(20)

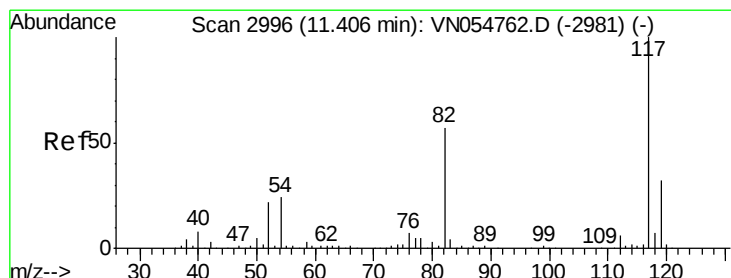
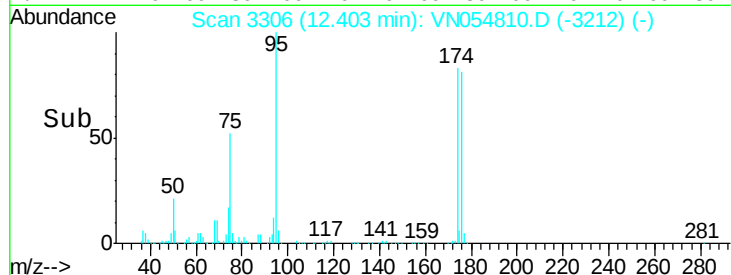
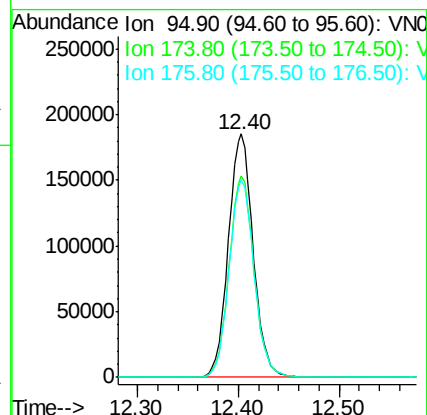
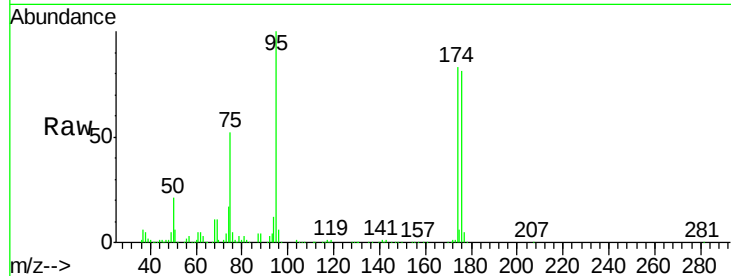
Tot Ion: 95 Resp: 318297

Ion Ratio Lower Upper

95 100

174 83.5 0.0 191.0

176 81.9 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054810.D

Acq: 30 Mar 2019 18:39

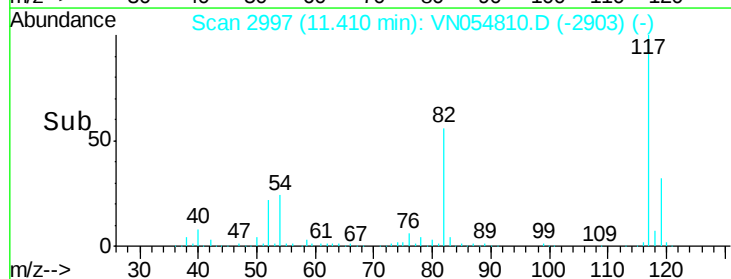
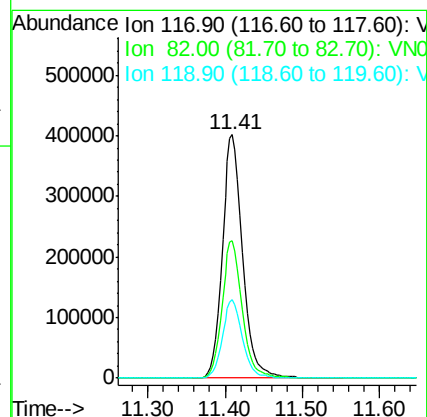
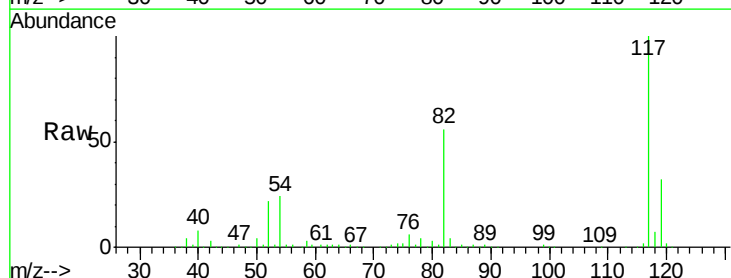
Tgt Ion: 117 Resp: 737811

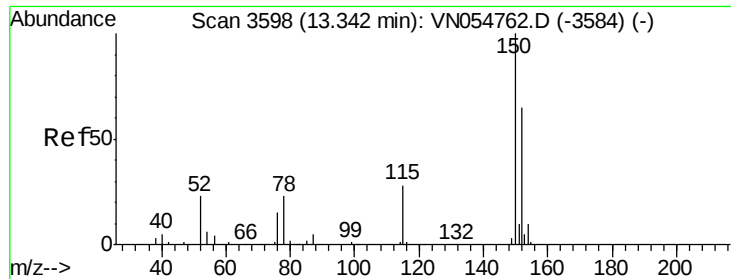
Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054810.D

Acq: 30 Mar 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

S6A(20)

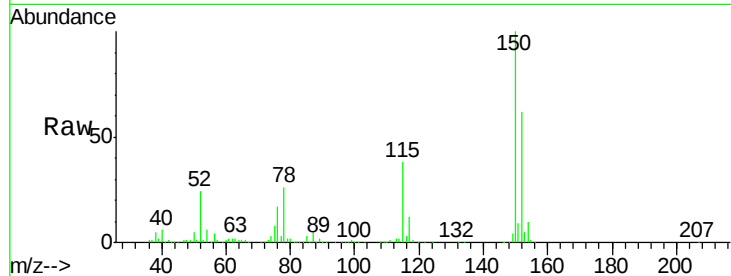
Tot Ion:152 Resp: 265179

Ion Ratio Lower Upper

152 100

115 58.6 27.2 81.6

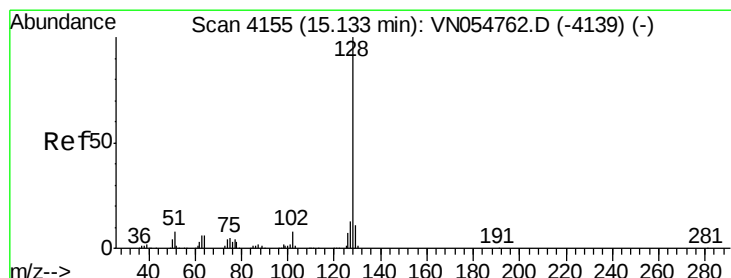
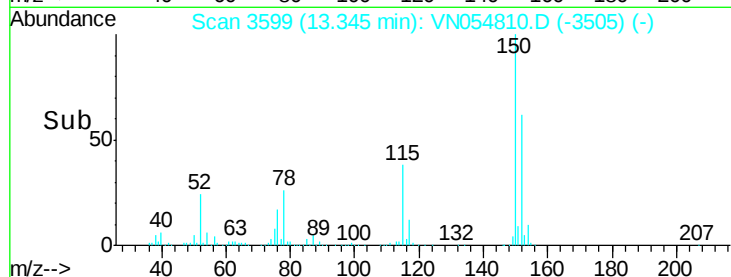
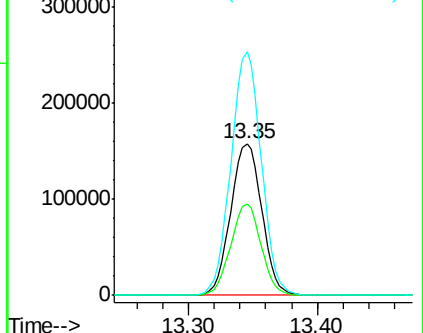
150 156.3 0.0 349.2



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



#95

Naphthalene

Concen: 2.026 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054810.D

Acq: 30 Mar 2019 18:39

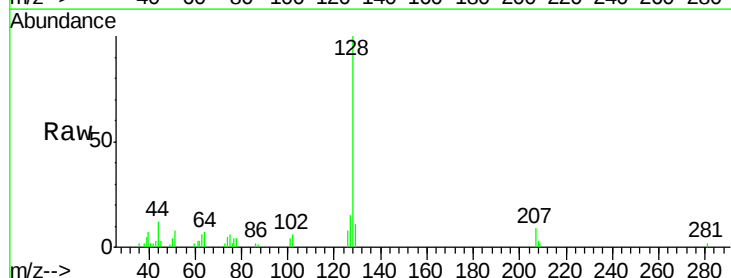
Tgt Ion:128 Resp: 19364

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

