

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054877.D
 Acq On : 1 Apr 2019 16:23
 Operator : JC/SP
 Sample : K2182-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S8B(10)

Quant Time: Apr 02 05:31:29 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

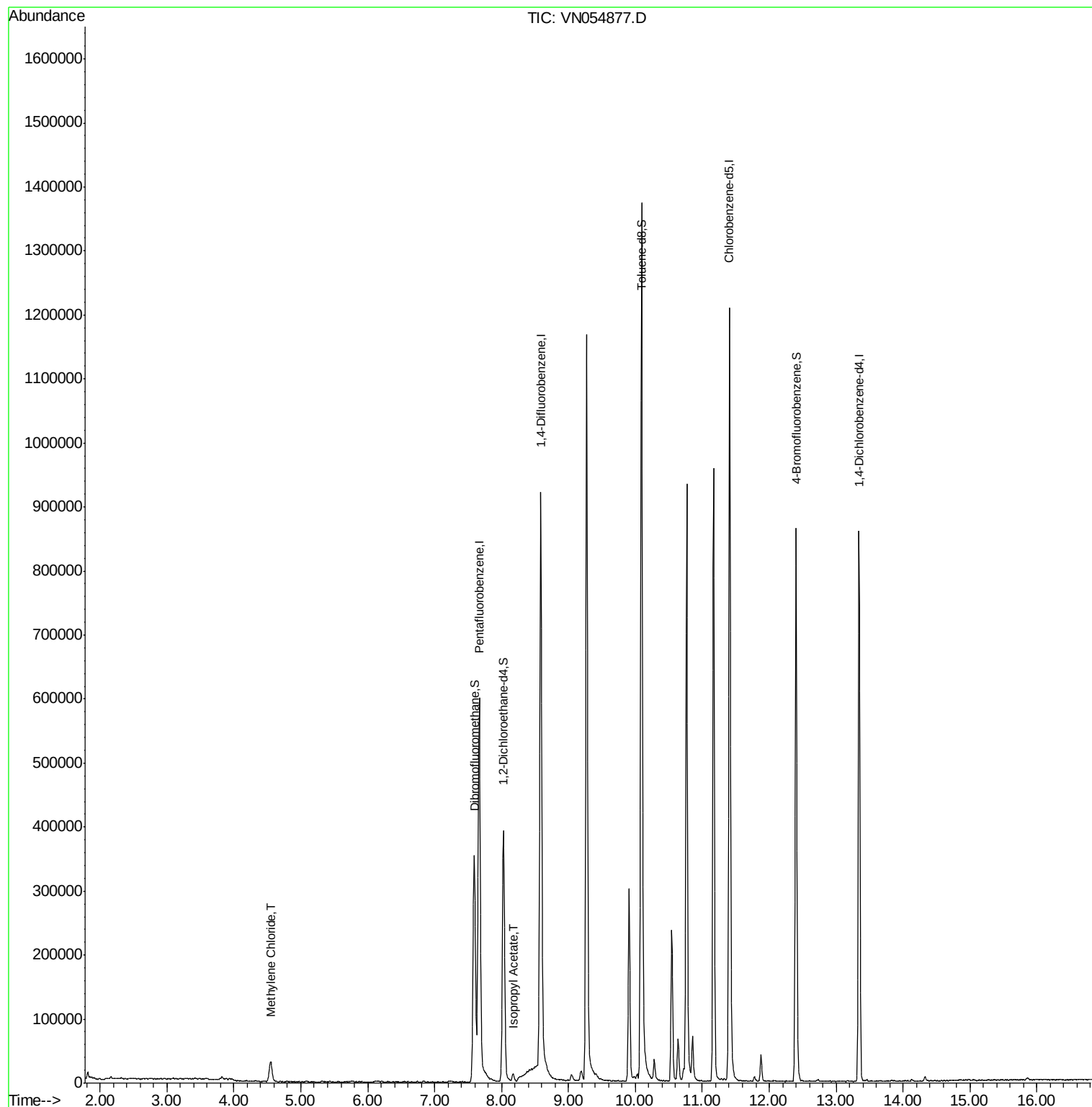
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	522277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	840805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	715501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	337045	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	7.59	113	271167	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	10.09	98	1019115	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	297139	42.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.74%	
Target Compounds						
20) Methylene Chloride	4.55	84	20805	3.513	ug/l #	85
43) Isopropyl Acetate	8.17	43	14243	1.526	ug/l #	94

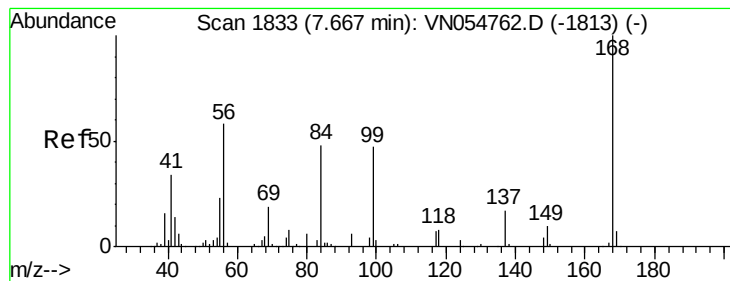
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054877.D

Acq: 1 Apr 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

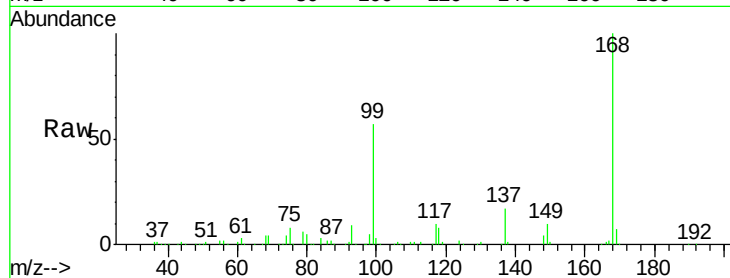
S8B(10)

Tot Ion:168 Resp: 522277

Ion Ratio Lower Upper

168 100

99 56.8 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

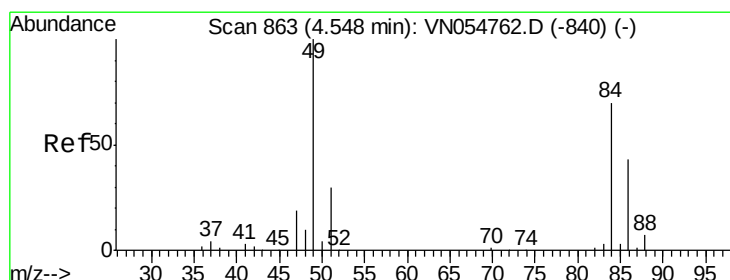
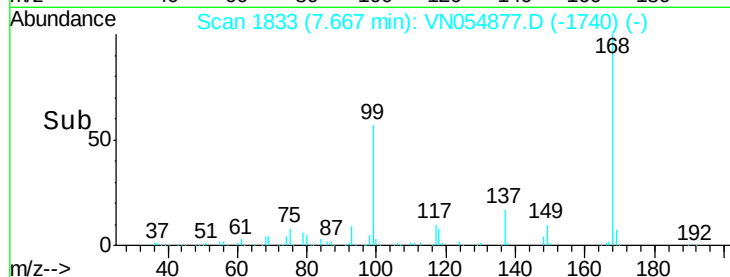
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 3.513 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054877.D

Acq: 1 Apr 2019 16:23

Tgt Ion: 84 Resp: 20805

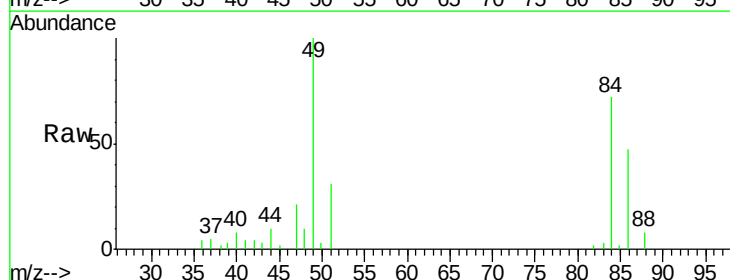
Ion Ratio Lower Upper

84 100

49 136.2 89.7 134.5#

51 43.3 28.2 42.4#

86 65.5 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

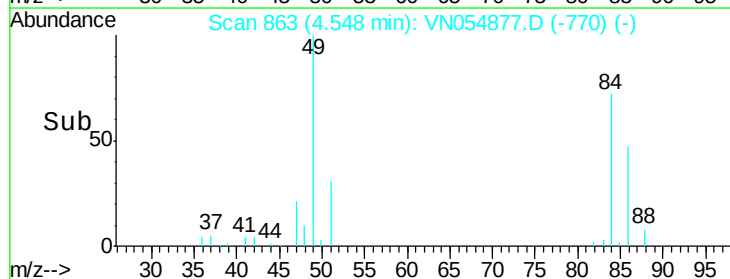
15000

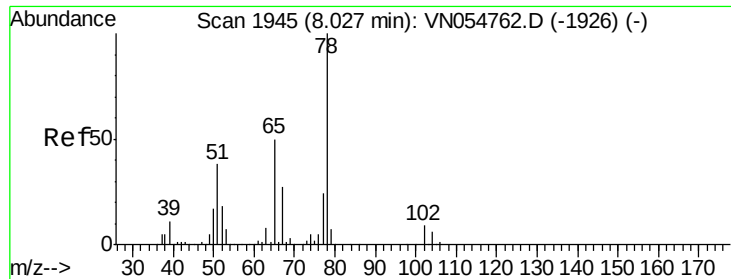
10000

5000

0

Time--> 4.45 4.50 4.55 4.60 4.65

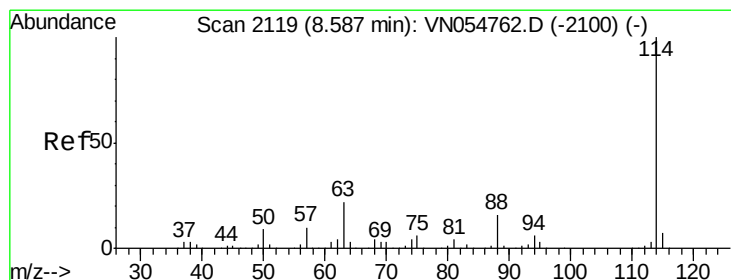
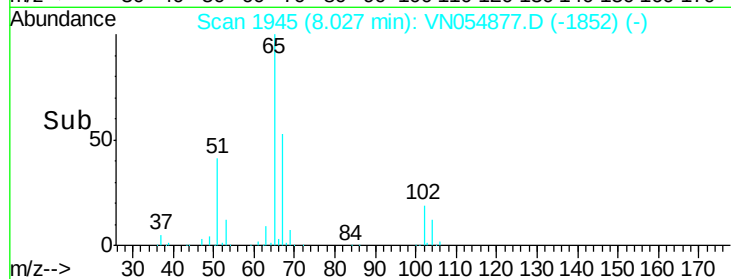
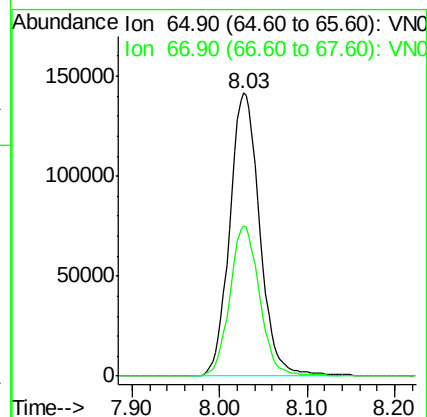
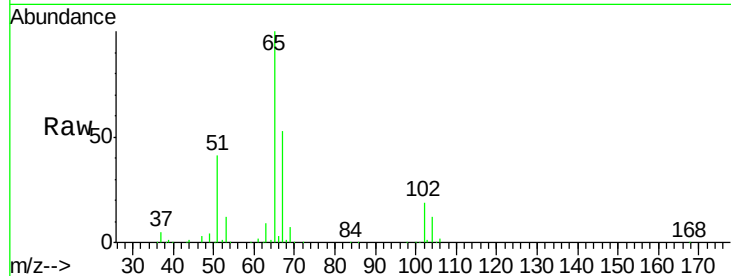




#33
 1,2-Dichloroethane-d4
 Concen: 47.873 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054877.D
 Acq: 1 Apr 2019 16:23

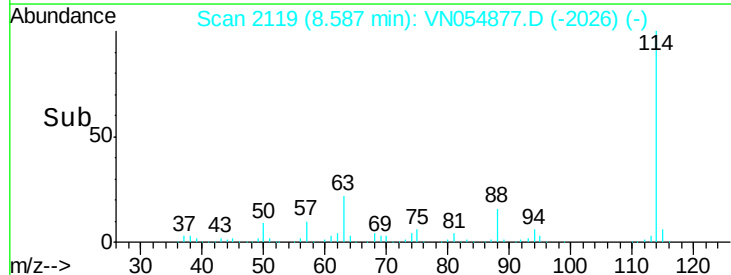
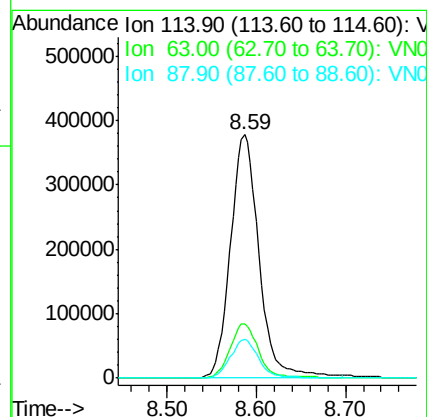
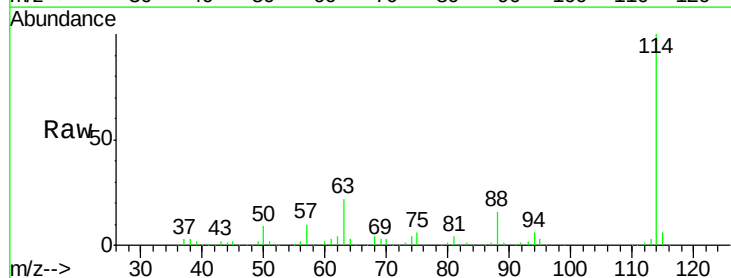
Instrument :
 MSVOA_N
 ClientSampleId :
 S8B(10)

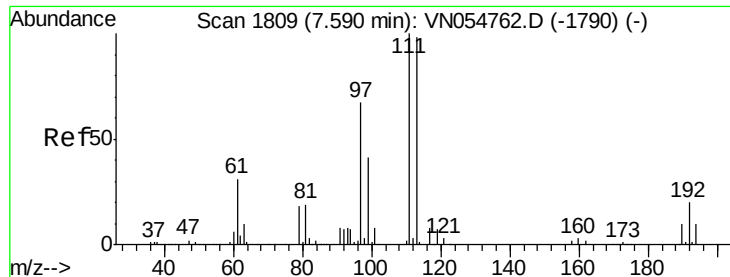
Tot Ion: 65 Resp: 337045
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054877.D
 Acq: 1 Apr 2019 16:23

Tgt Ion: 114 Resp: 840805
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.2
 88 15.9 0.0 30.2

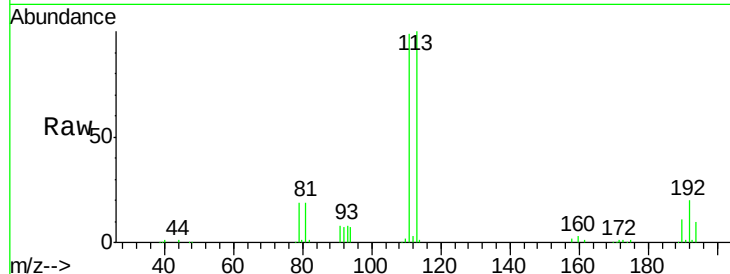




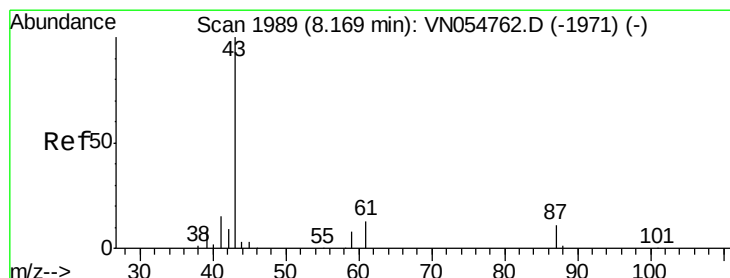
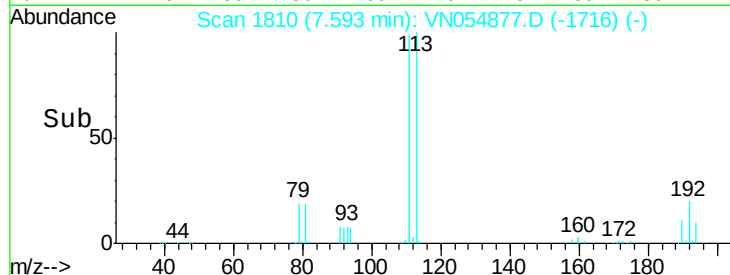
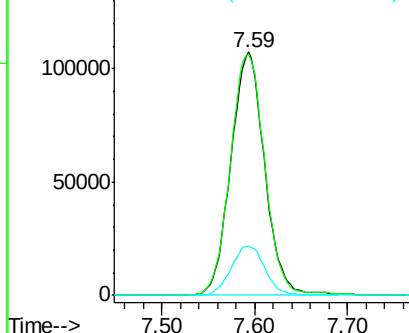
#35
Dibromofluoromethane
Concen: 48.375 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054877.D
Acq: 1 Apr 2019 16:23

Instrument :
MSVOA_N
ClientSampleId :
S8B(10)

Tot Ion:113 Resp: 271167
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 20.3 19.2 28.8

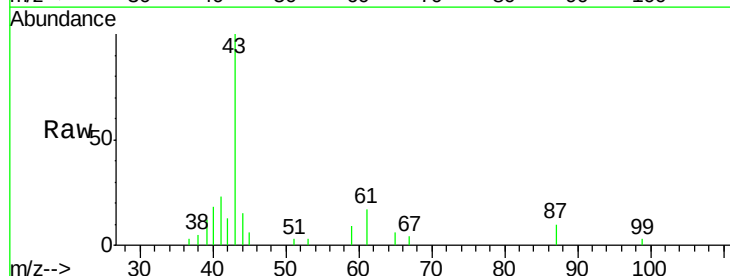


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

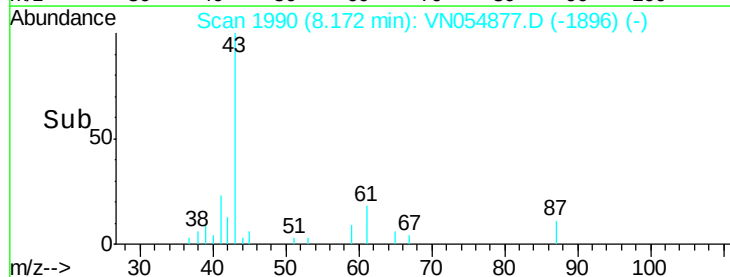
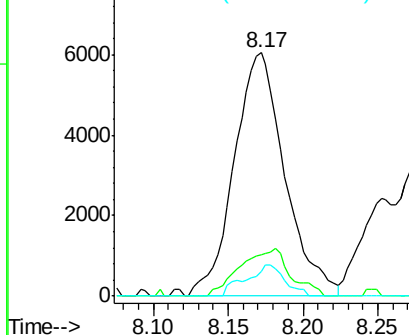


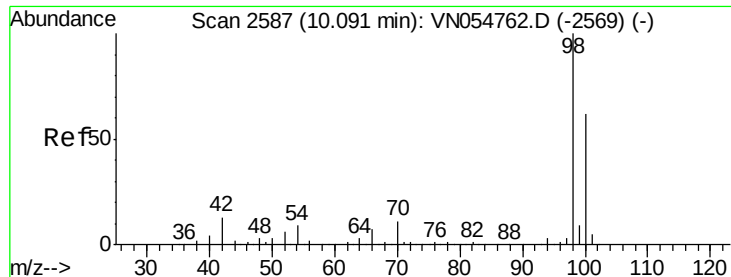
#43
Isopropyl Acetate
Concen: 1.526 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054877.D
Acq: 1 Apr 2019 16:23

Tgt Ion: 43 Resp: 14243
Ion Ratio Lower Upper
43 100
61 19.4 15.8 23.8
87 9.8 12.0 18.0#



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





#50

Toluene-d8

Concen: 48.901 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054877.D

Acq: 1 Apr 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

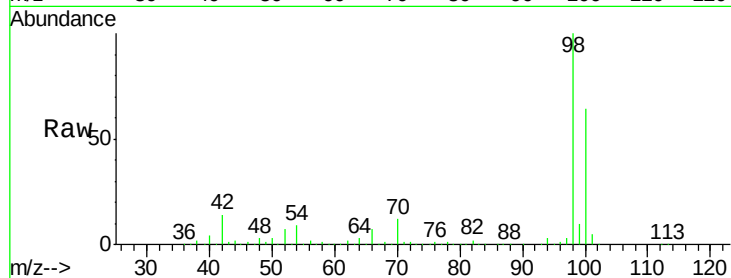
S8B(10)

Tot Ion: 98 Resp: 1019115

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054877.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054877.D (-2494) (-)

10.09

500000

400000

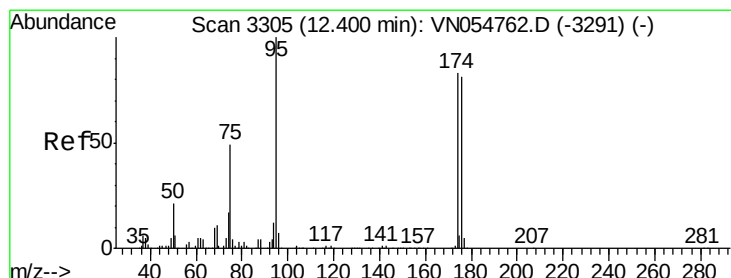
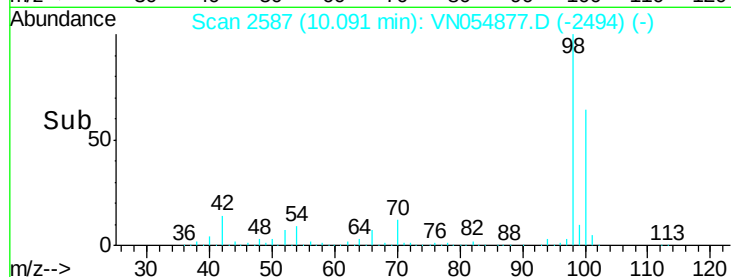
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.871 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054877.D

Acq: 1 Apr 2019 16:23

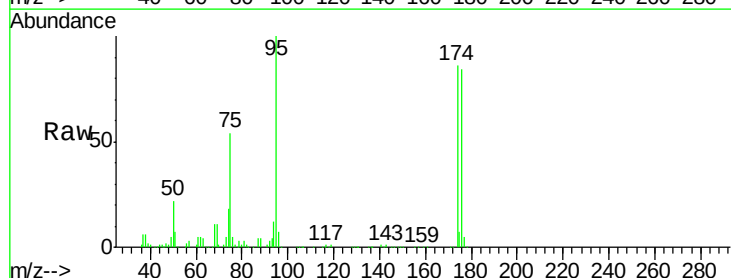
Tgt Ion: 95 Resp: 297139

Ion Ratio Lower Upper

95 100

174 84.5 0.0 191.0

176 82.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054877.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054877.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054877.D (-3212) (-)

12.40

200000

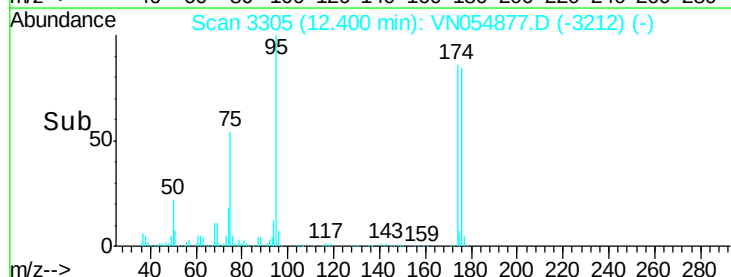
150000

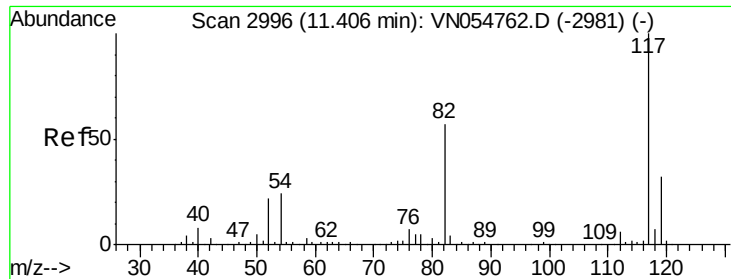
100000

50000

0

Time-->

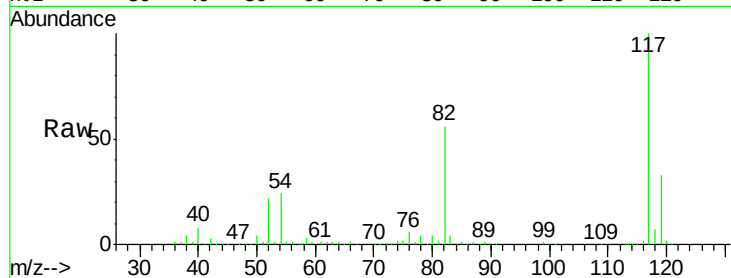




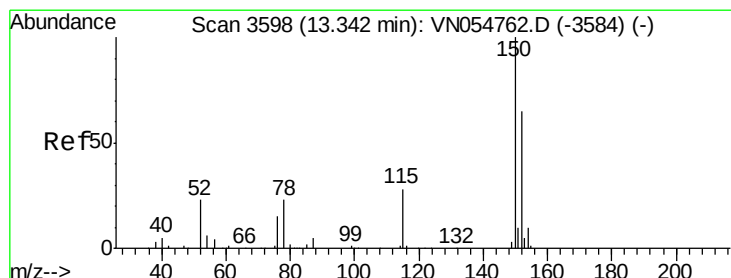
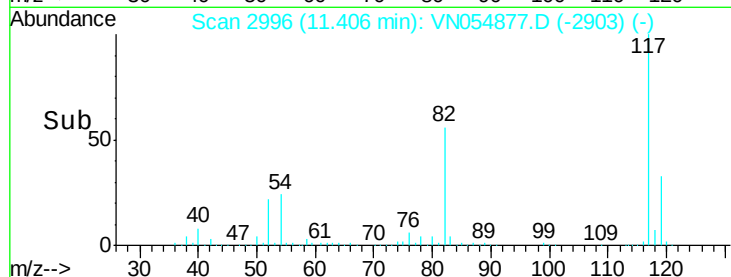
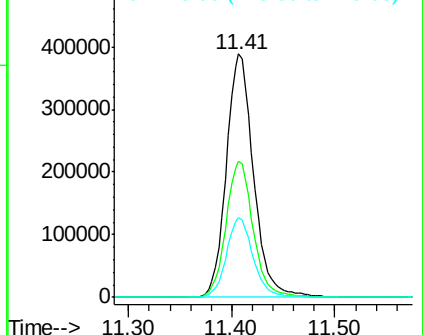
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054877.D
Acq: 1 Apr 2019 16:23

Instrument :
MSVOA_N
ClientSampled :
S8B(10)

Tot Ion:117 Resp: 715501
Ion Ratio Lower Upper
117 100
82 56.2 40.0 60.0
119 32.6 25.8 38.6

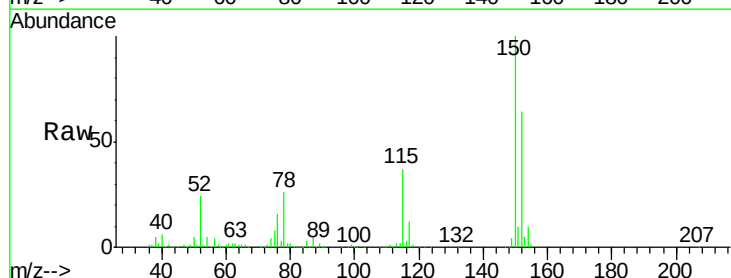


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054877.D
Acq: 1 Apr 2019 16:23

Tgt Ion:152 Resp: 229720
Ion Ratio Lower Upper
152 100
115 57.7 27.2 81.6
150 156.5 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

