

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050469.D
 Acq On : 8 Aug 2018 19:22
 Operator : MD\SY
 Sample : J4380-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-41

Quant Time: Aug 09 09:45:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	825454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1284980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1107972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	440758	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	529302	47.99	ug/l	0.00
Spiked Amount						
			Recovery	=	95.98%	
35) Dibromofluoromethane	7.60	113	487397	47.27	ug/l	0.00
Spiked Amount						
			Recovery	=	94.54%	
50) Toluene-d8	10.09	98	1766377	45.56	ug/l	0.00
Spiked Amount						
			Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.40	95	523054	39.59	ug/l	0.00
Spiked Amount						
			Recovery	=	79.18%	

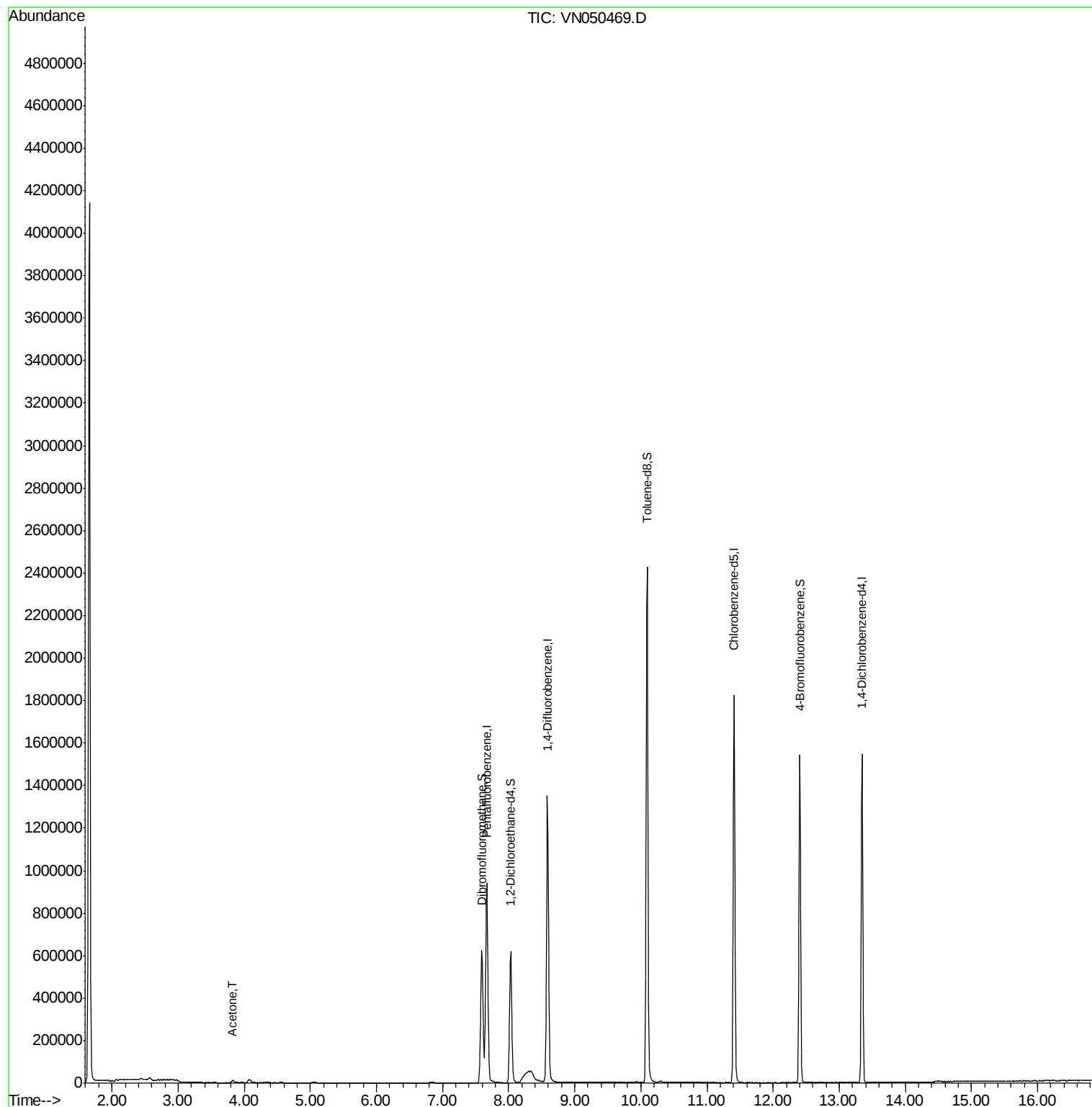
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	19998	5.73	ug/l	99

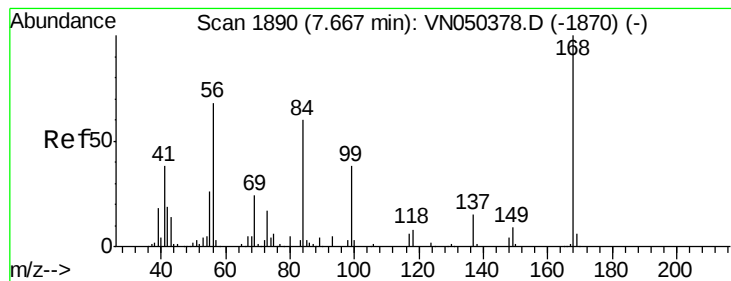
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050469.D

Acq: 8 Aug 2018 19:22

Instrument :

MSVOA_N

ClientSampled :

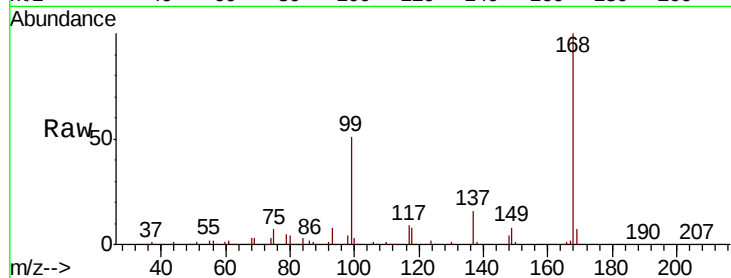
MW-41

Tot Ion:168 Resp: 825454

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

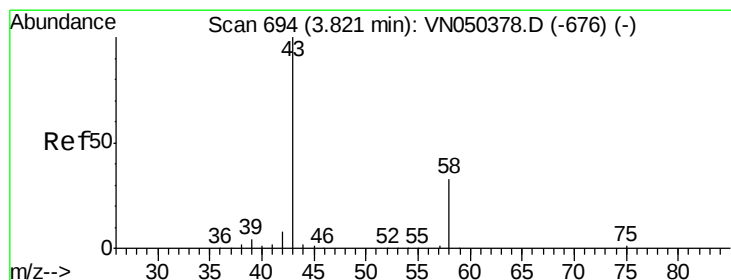
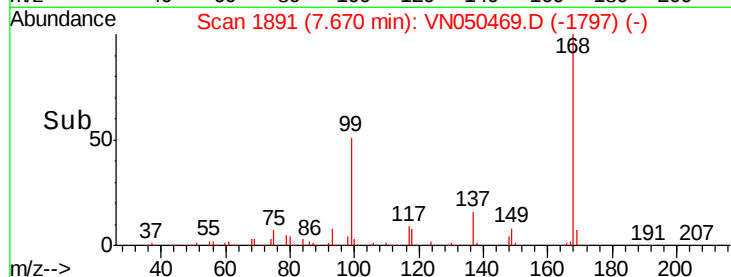
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.73 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050469.D

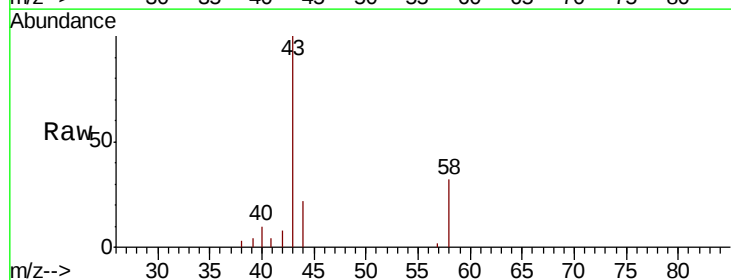
Acq: 8 Aug 2018 19:22

Tgt Ion: 43 Resp: 19998

Ion Ratio Lower Upper

43 100

58 31.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

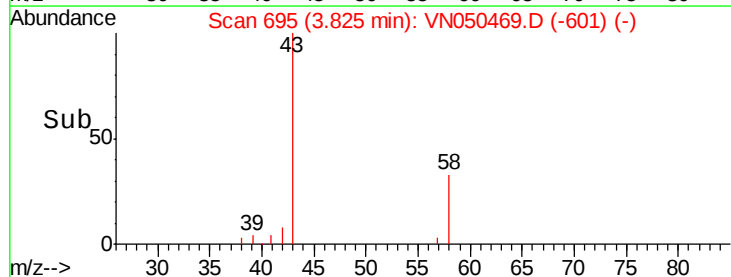
6000

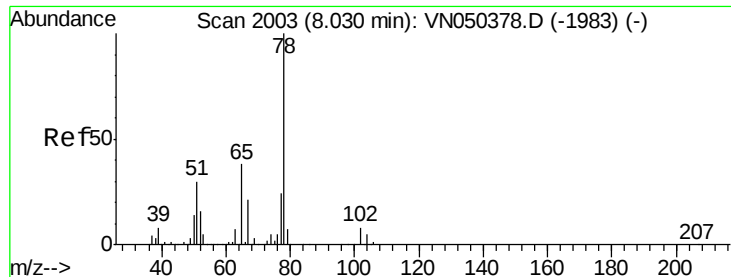
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.99 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050469.D

Acq: 8 Aug 2018 19:22

Instrument :

MSVOA_N

ClientSampled :

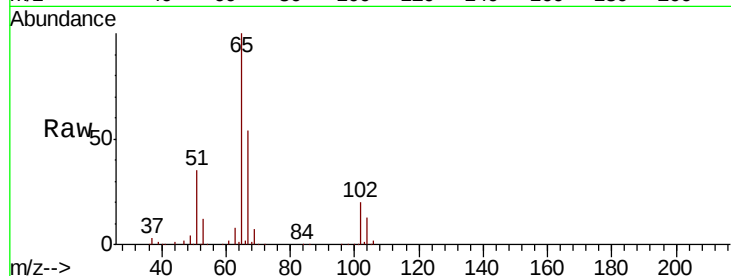
MW-41

Tot Ion: 65 Resp: 529302

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

250000

200000

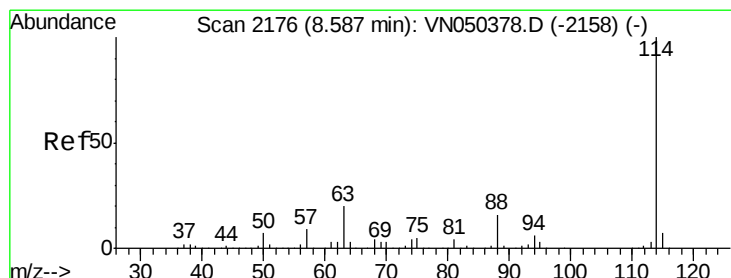
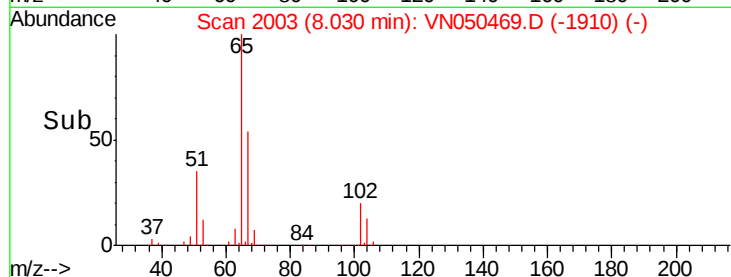
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050469.D

Acq: 8 Aug 2018 19:22

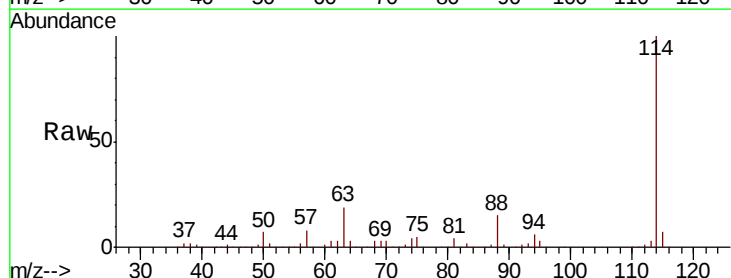
Tgt Ion:114 Resp: 1284980

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.2 0.0 31.2



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

8.59

800000

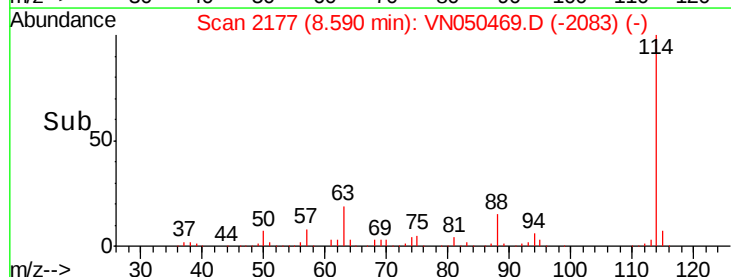
600000

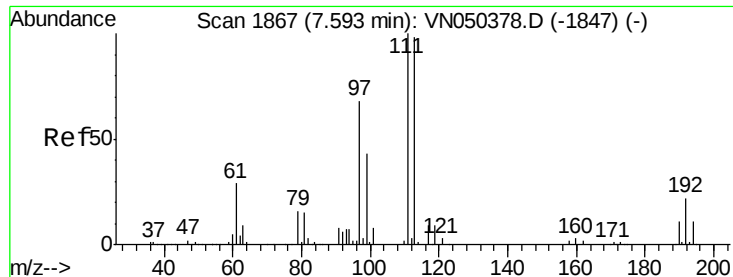
400000

200000

0

Time-->

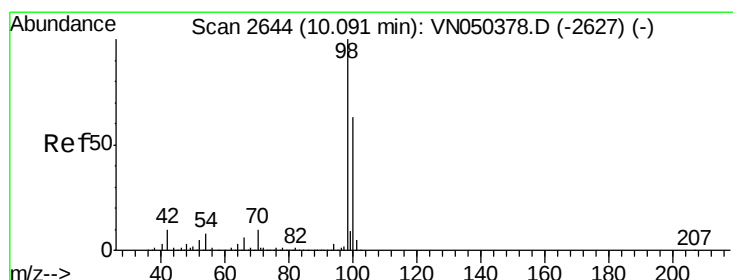
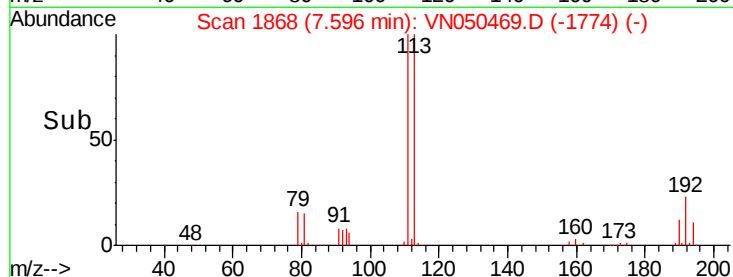
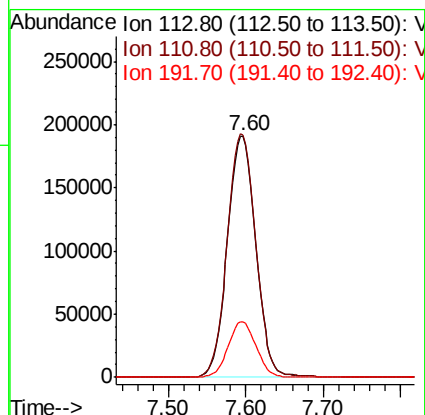
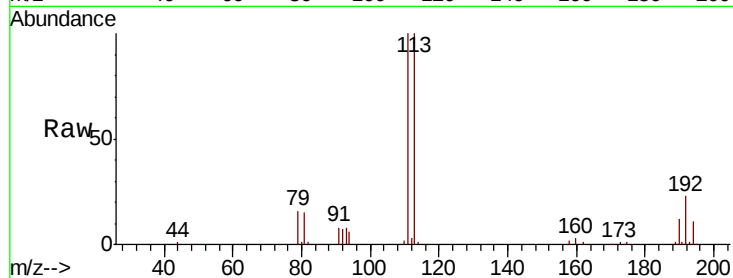




#35
 Dibromofluoromethane
 Concen: 47.27 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050469.D
 Acq: 8 Aug 2018 19:22

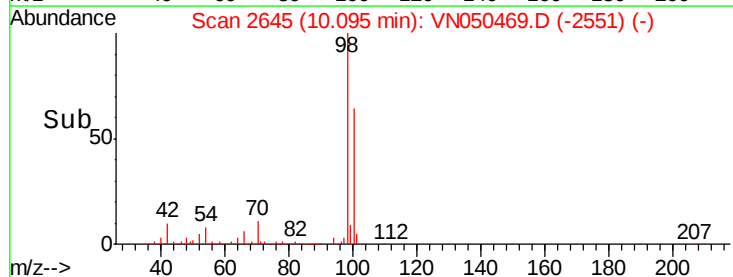
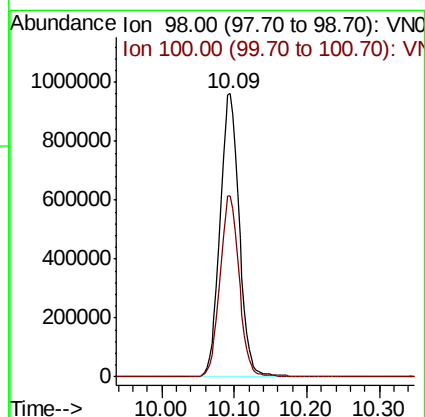
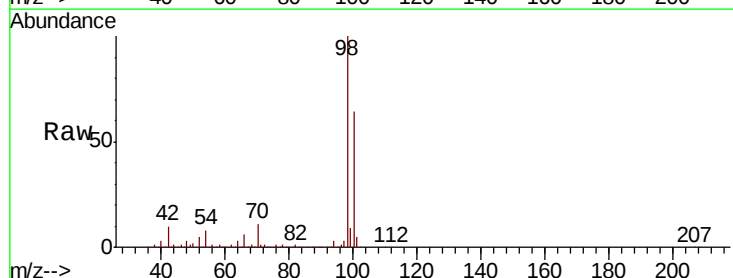
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-41

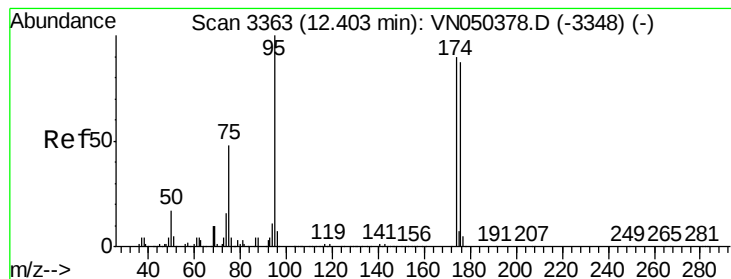
Tot Ion:113 Resp: 487397
 Ion Ratio Lower Upper
 113 100
 111 100.9 80.7 121.1
 192 22.6 17.8 26.6



#50
 Toluene-d8
 Concen: 45.56 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050469.D
 Acq: 8 Aug 2018 19:22

Tgt Ion: 98 Resp: 1766377
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 39.59 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050469.D

Acq: 8 Aug 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-41

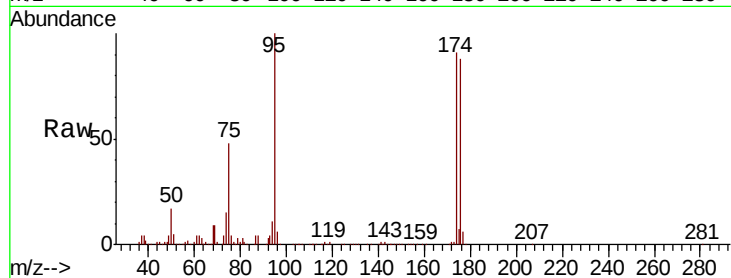
Tot Ion: 95 Resp: 523054

Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.2

176 88.3 0.0 173.4

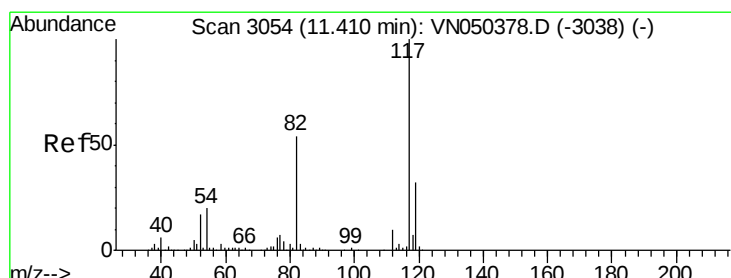
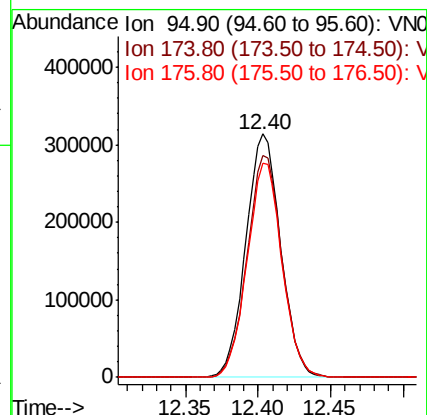
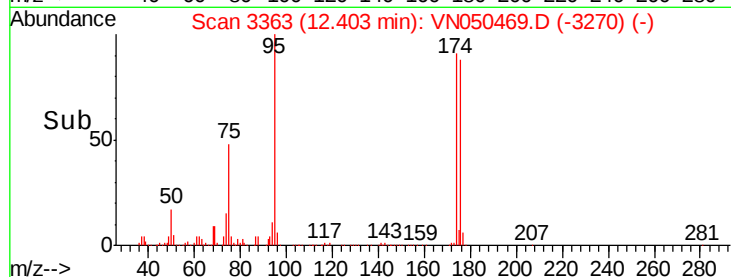


Abundance Ion 94.90 (94.60 to 95.60): VN050378.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050378.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050378.D (-3348) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050469.D

Acq: 8 Aug 2018 19:22

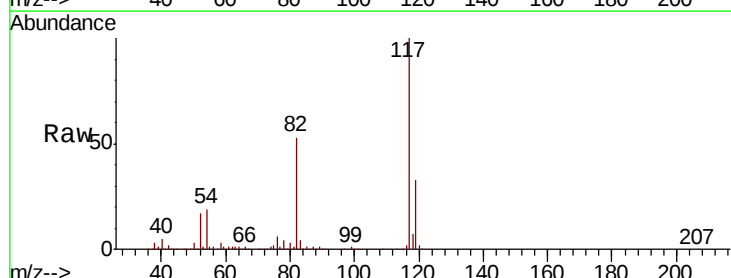
Tgt Ion: 117 Resp: 1107972

Ion Ratio Lower Upper

117 100

82 53.1 43.7 65.5

119 32.8 26.1 39.1

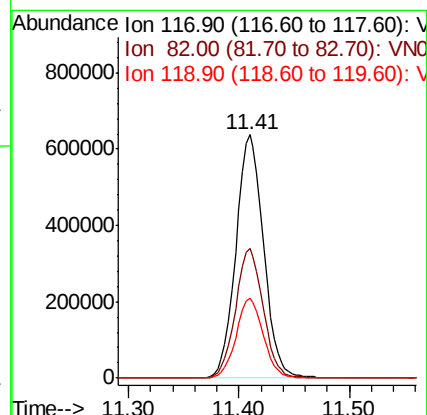
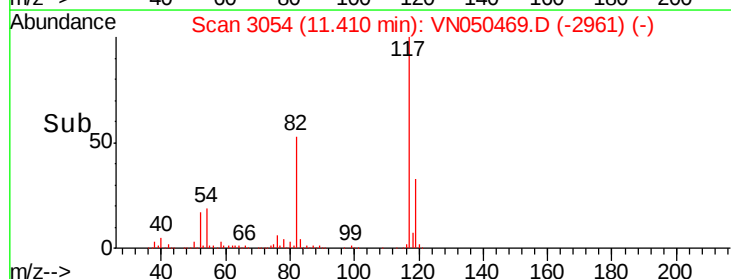


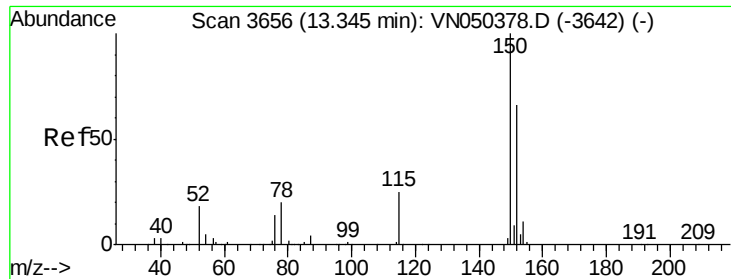
Abundance Ion 116.90 (116.60 to 117.60): VN050378.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050378.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050378.D (-3038) (-)

11.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050469.D

Acq: 8 Aug 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

MW-41

Tot Ion:152 Resp: 440758

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

150 157.0 0.0 348.6

