

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050444.D
 Acq On : 7 Aug 2018 20:23
 Operator : MD\SY
 Sample : J4369-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-36

Quant Time: Aug 08 10:57:01 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

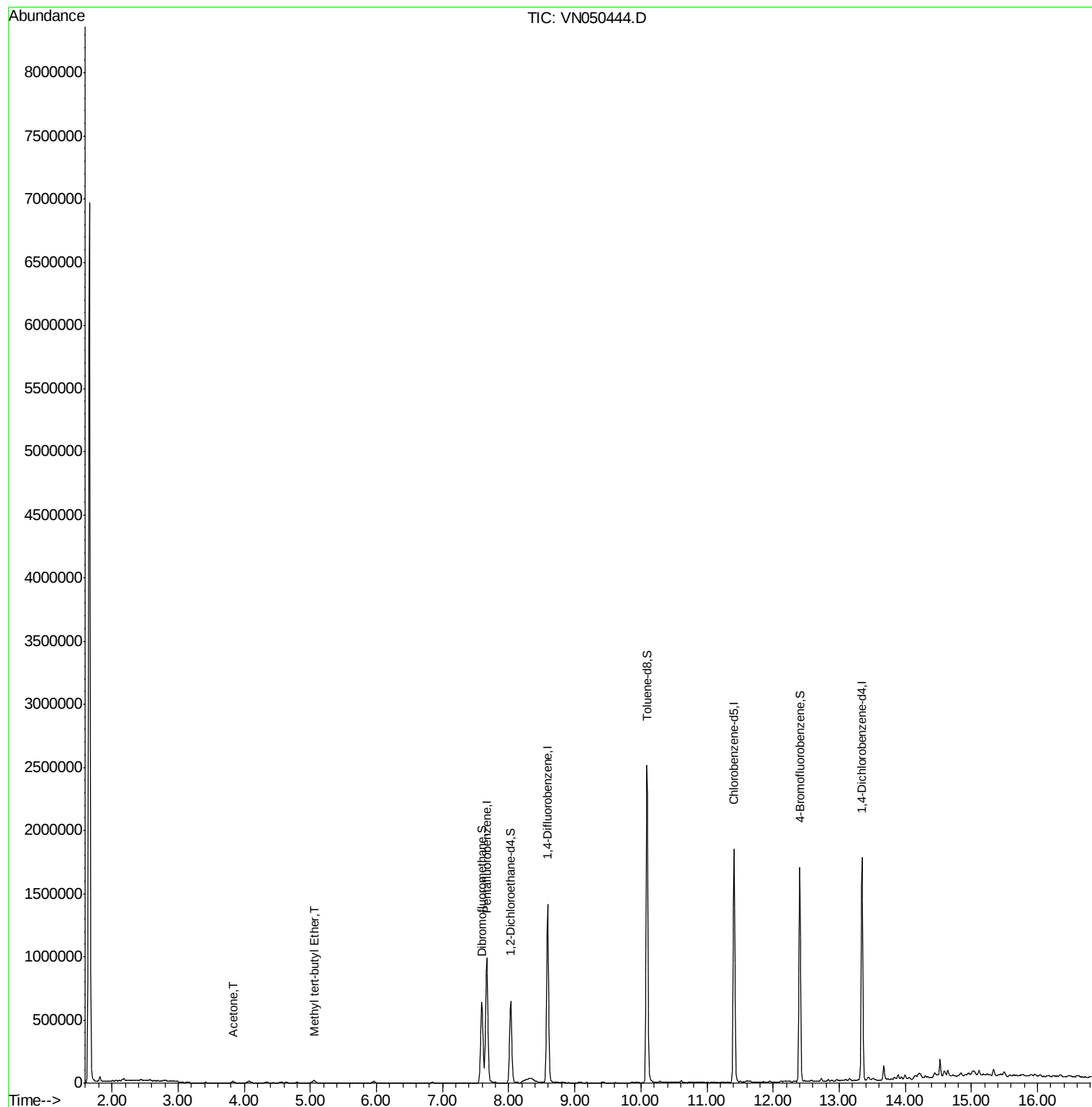
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	875232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1328605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1152890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	501602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	541948	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
35) Dibromofluoromethane	7.59	113	494848	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
50) Toluene-d8	10.09	98	1841244	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
62) 4-Bromofluorobenzene	12.40	95	573357	41.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.94%	
Target Compounds						
16) Acetone	3.83	43	20795	5.61	ug/l	Qvalue 94
19) Methyl tert-butyl Ether	5.05	73	29439	1.10	ug/l	91

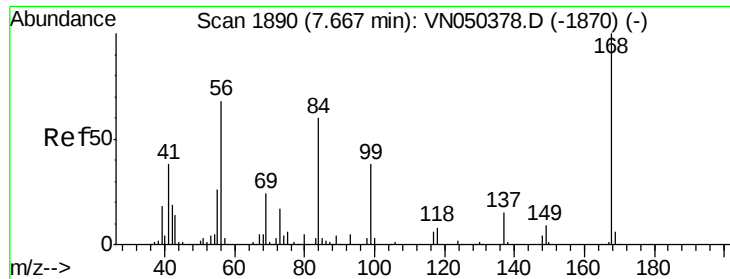
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080718\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050444.D

Acq: 7 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampled :

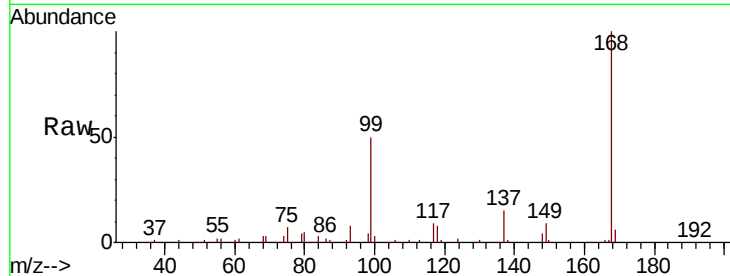
MW-36

Tot Ion:168 Resp: 875232

Ion Ratio Lower Upper

168 100

99 49.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

400000

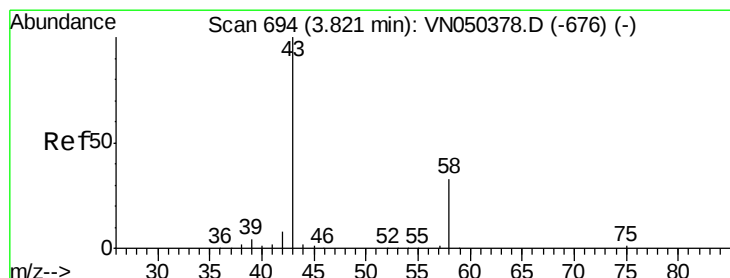
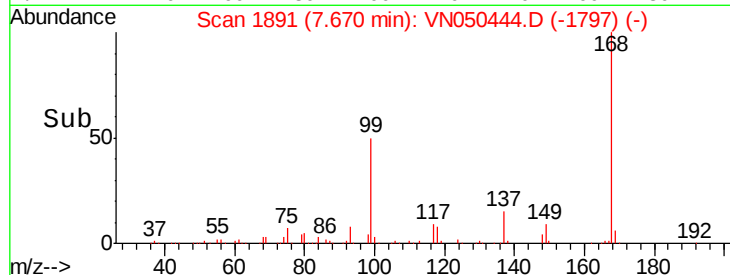
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.61 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050444.D

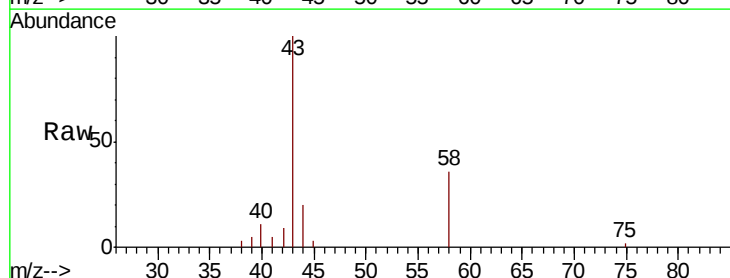
Acq: 7 Aug 2018 20:23

Tgt Ion: 43 Resp: 20795

Ion Ratio Lower Upper

43 100

58 35.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.83

8000

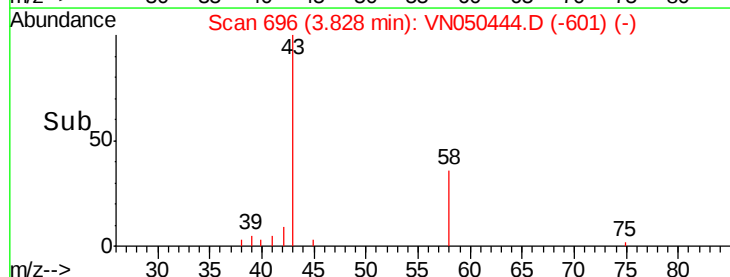
6000

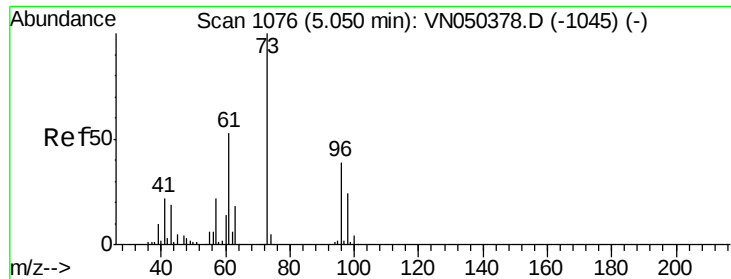
4000

2000

0

Time-->

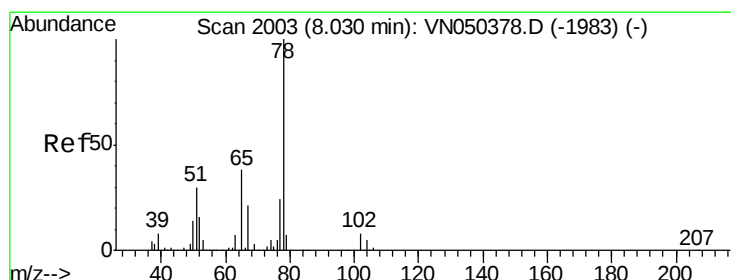
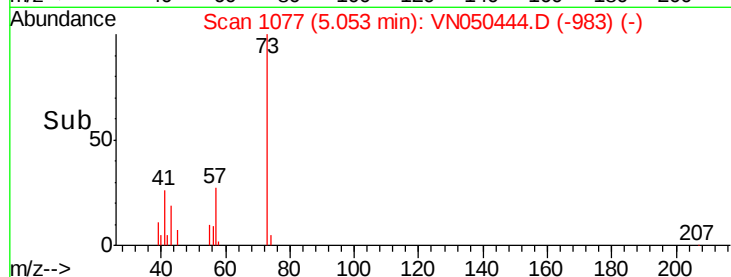
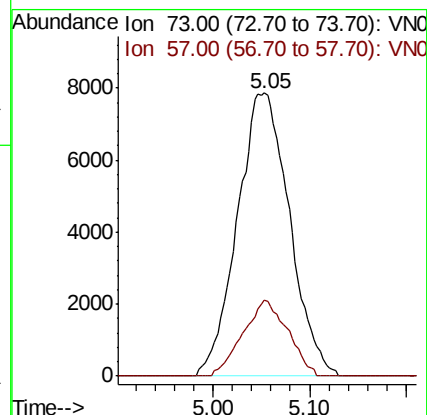
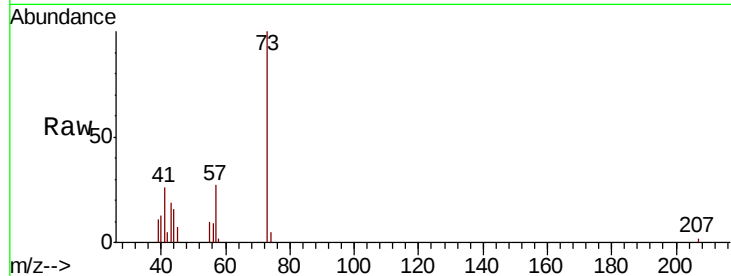




#19
Methvl tert-butvl Ether
Concen: 1.10 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050444.D
Acq: 7 Aug 2018 20:23

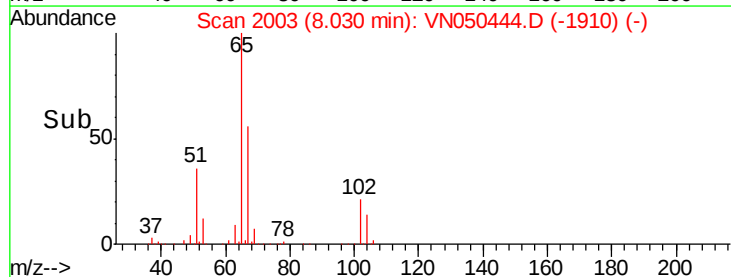
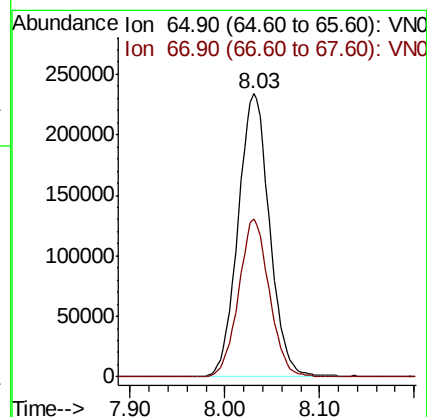
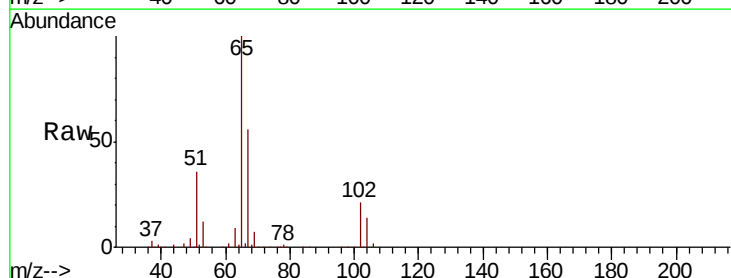
Instrument :
MSVOA_N
ClientSampled :
MW-36

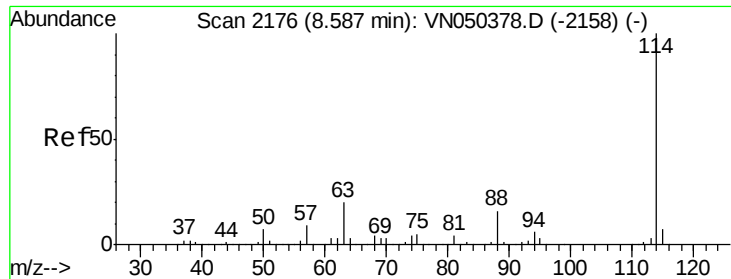
Tot Ion: 73 Resp: 29439
Ion Ratio Lower Upper
73 100
57 26.7 18.0 27.0



#33
1,2-Dichloroethane-d4
Concen: 46.34 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050444.D
Acq: 7 Aug 2018 20:23

Tgt Ion: 65 Resp: 541948
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.4

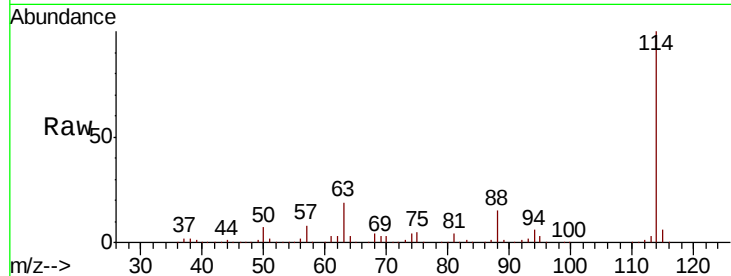




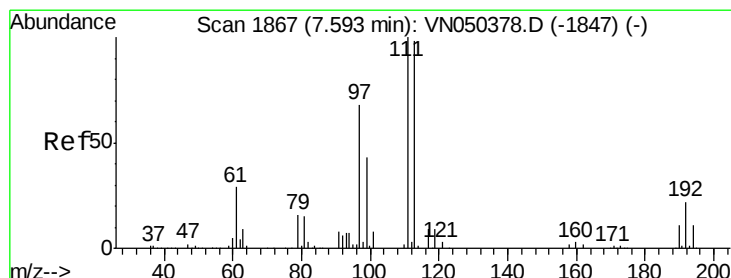
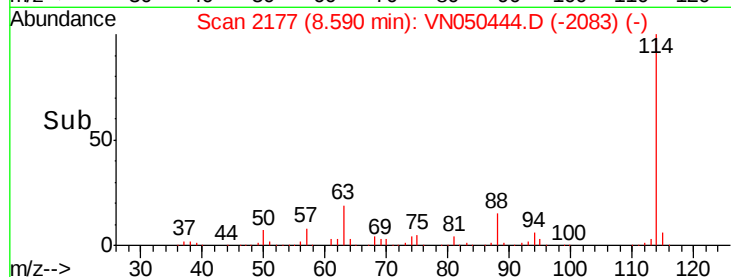
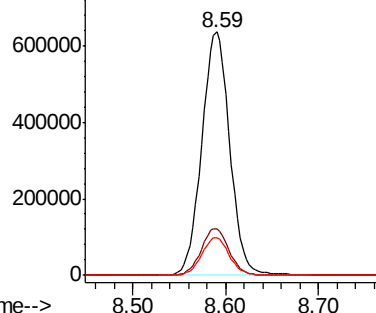
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050444.D
 Acq: 7 Aug 2018 20:23

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-36

Tot Ion:114 Resp: 1328605
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.5 0.0 31.2

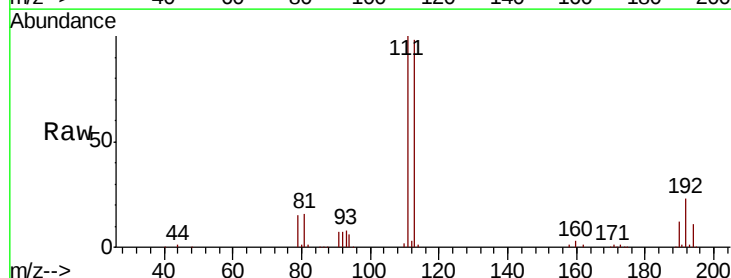


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

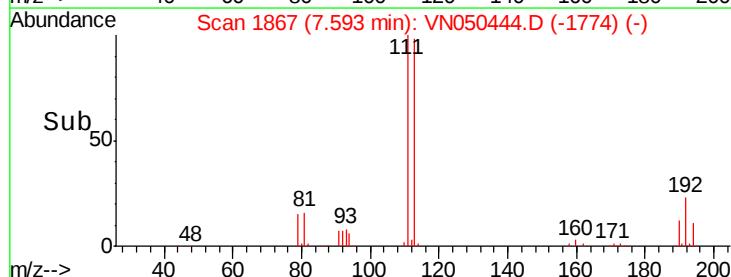
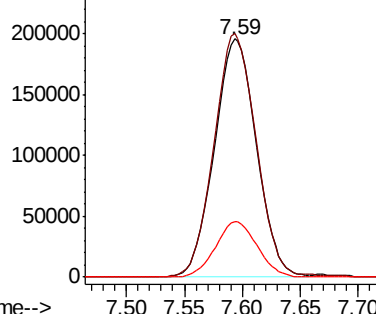


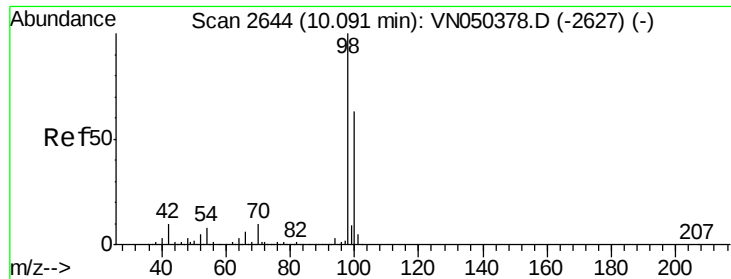
#35
 Dibromofluoromethane
 Concen: 46.42 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050444.D
 Acq: 7 Aug 2018 20:23

Tgt Ion:113 Resp: 494848
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.7 121.1
 192 23.3 17.8 26.6



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





#50

Toluene-d8

Concen: 45.94 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050444.D

Acq: 7 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampled :

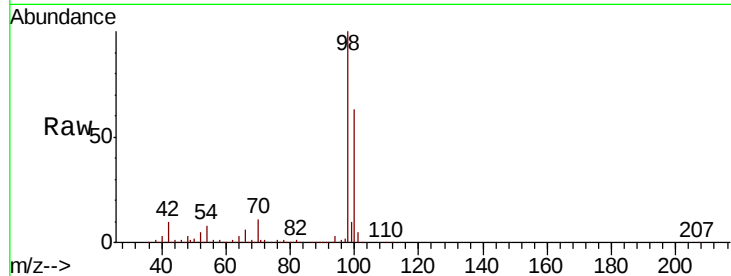
MW-36

Tot Ion: 98 Resp: 1841244

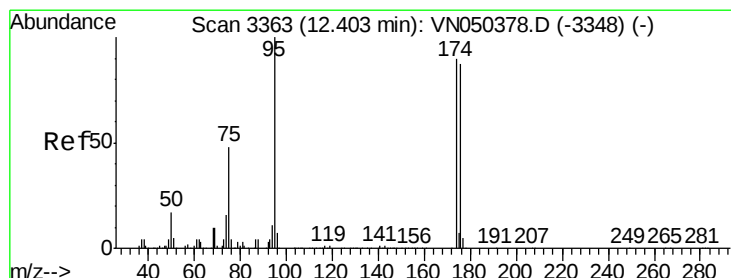
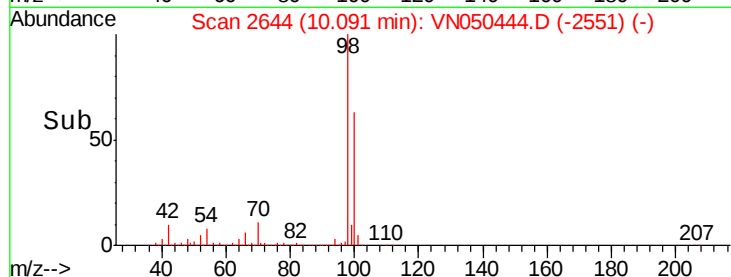
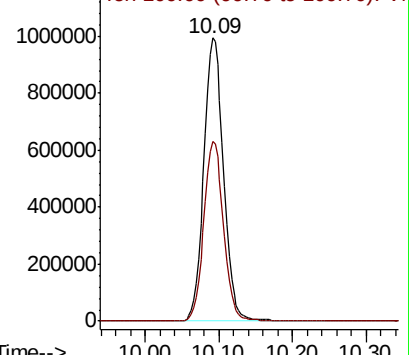
Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)



#62

4-Bromofluorobenzene

Concen: 41.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050444.D

Acq: 7 Aug 2018 20:23

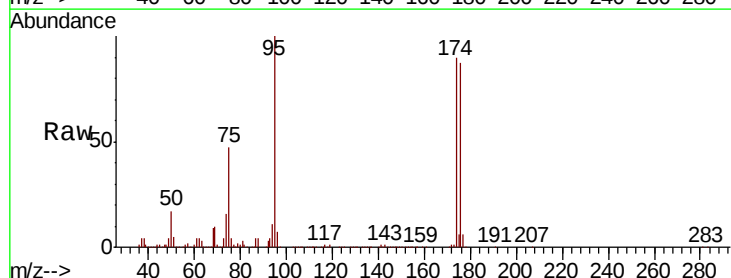
Tgt Ion: 95 Resp: 573357

Ion Ratio Lower Upper

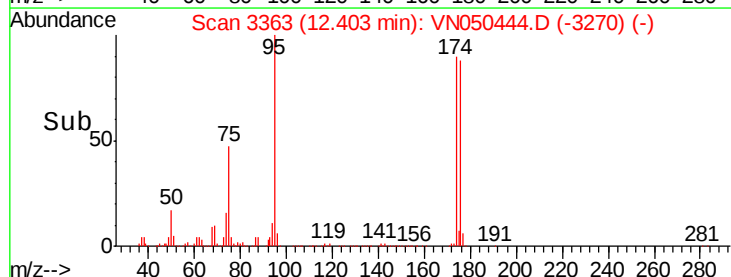
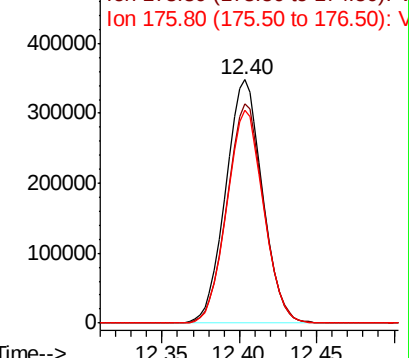
95 100

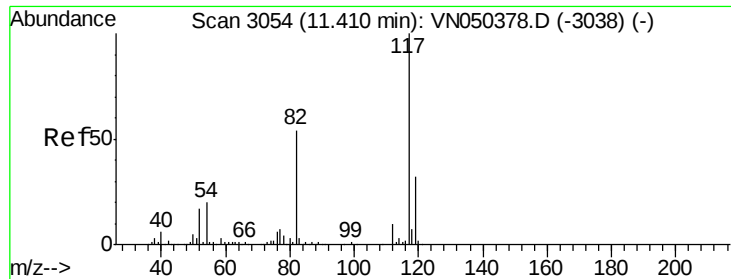
174 90.4 0.0 178.2

176 87.8 0.0 173.4



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

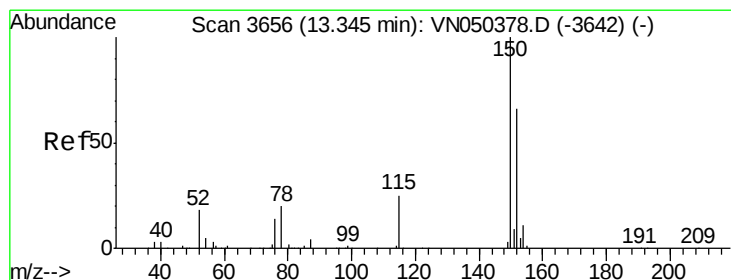
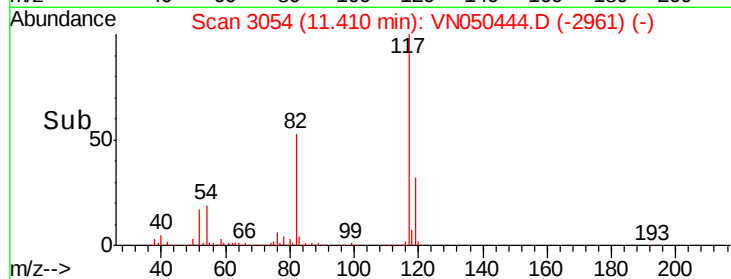
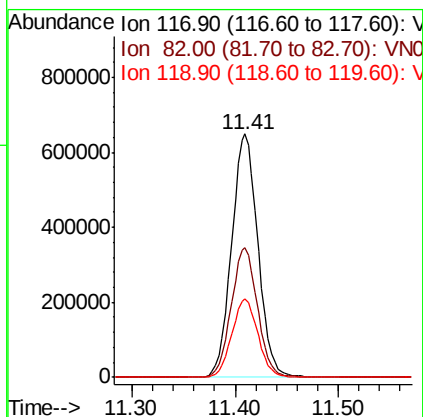
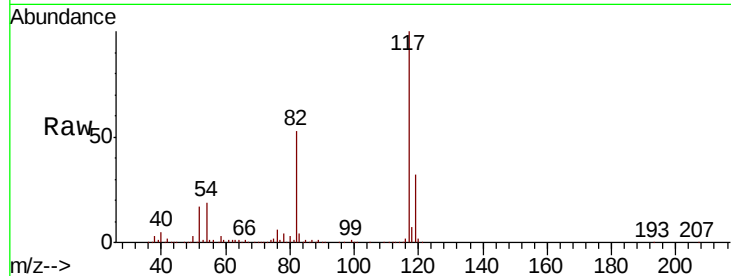




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050444.D
Acq: 7 Aug 2018 20:23

Instrument :
MSVOA_N
ClientSampled :
MW-36

Tot Ion:117 Resp: 1152890
Ion Ratio Lower Upper
117 100
82 53.3 43.7 65.5
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050444.D
Acq: 7 Aug 2018 20:23

Tgt Ion:152 Resp: 501602
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 155.7 0.0 348.6

