

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050362.D
 Acq On : 4 Aug 2018 13:17
 Operator : MD\SY
 Sample : J4328-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 10 08:44:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

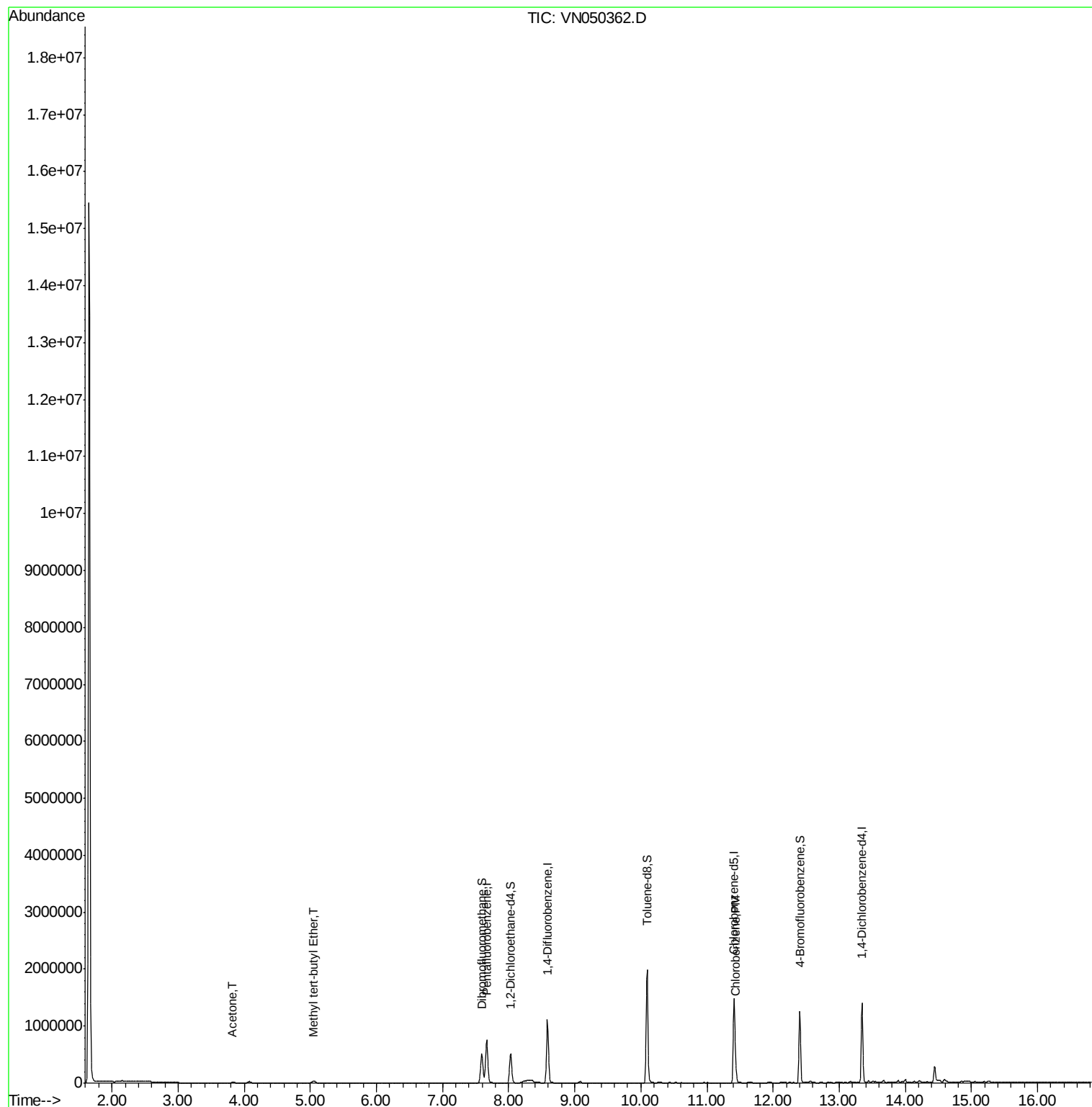
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1020084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	884864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	443344	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	7.59	113	390825	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	10.09	98	1416547	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.40	95	428701	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.04%	
Target Compounds						
16) Acetone	3.82	43	39385	14.76	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	54202	2.78	ug/l	98
65) Chlorobenzene	11.44	112	137773	6.16	ug/l	97

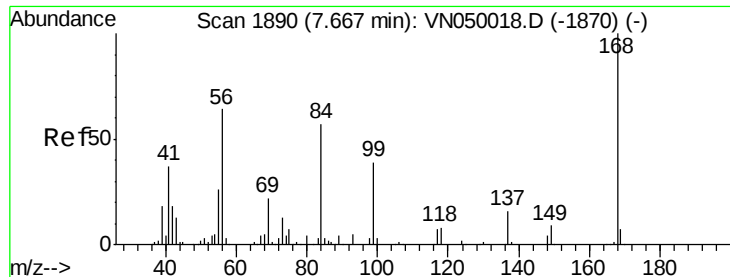
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

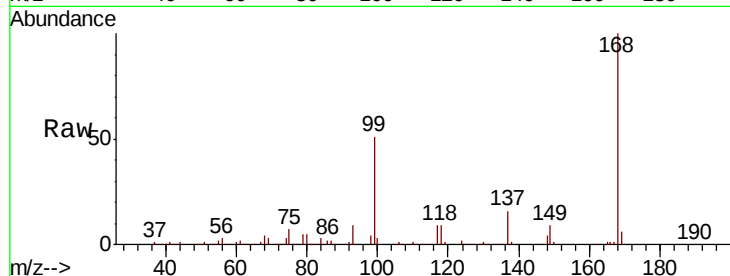
ClientSampleId :

Tot Ion:168 Resp: 635874

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

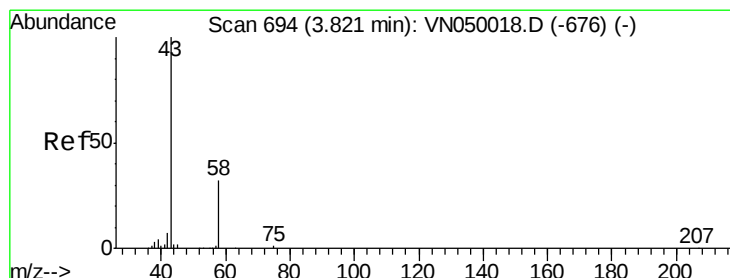
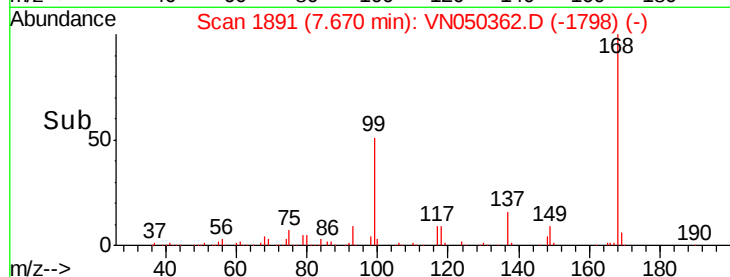
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.76 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050362.D

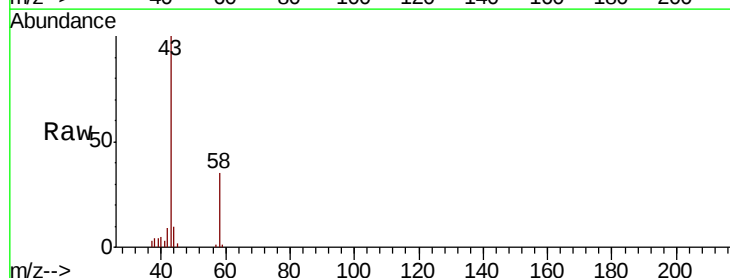
Acq: 4 Aug 2018 13:17

Tgt Ion: 43 Resp: 39385

Ion Ratio Lower Upper

43 100

58 34.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.82

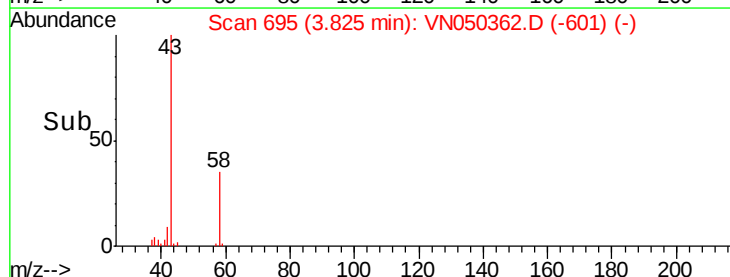
15000

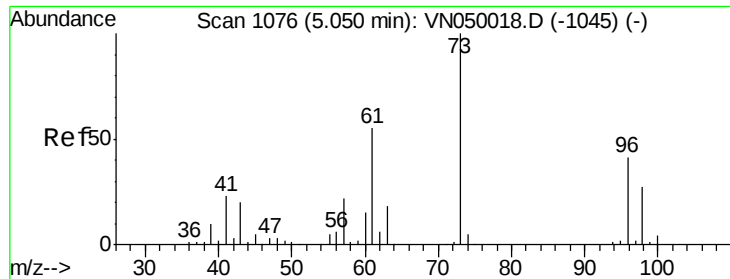
10000

5000

0

Time-->

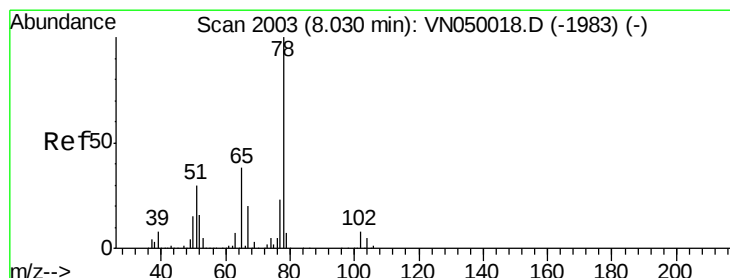
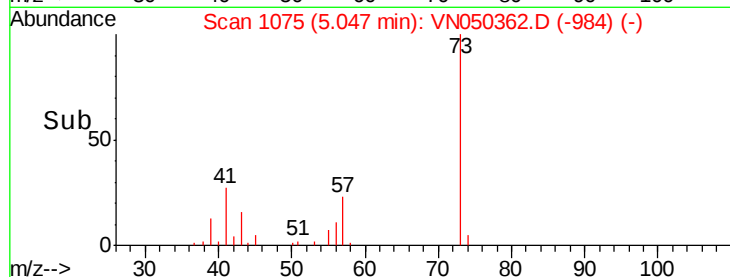
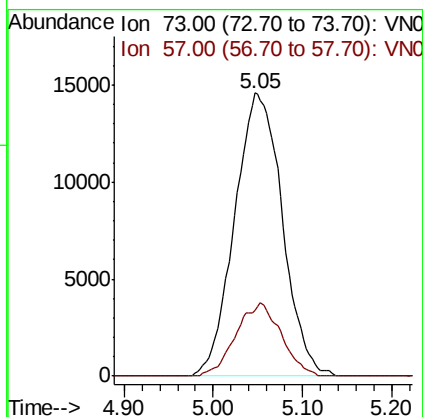
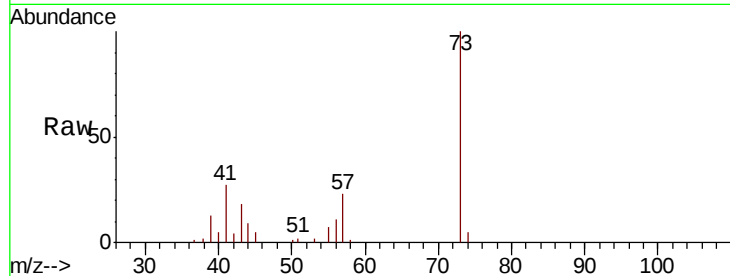




#19
Methvl tert-butvl Ether
Concen: 2.78 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

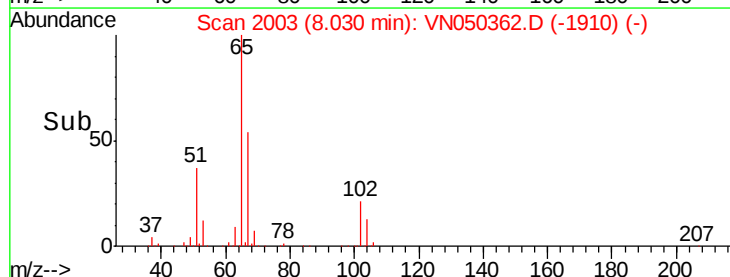
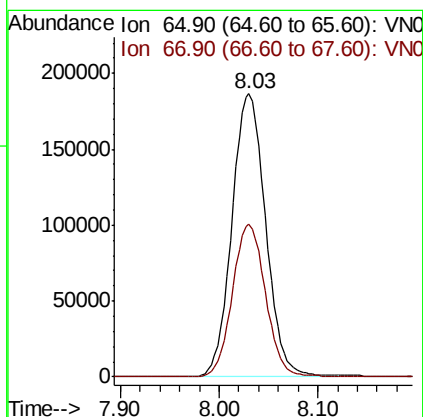
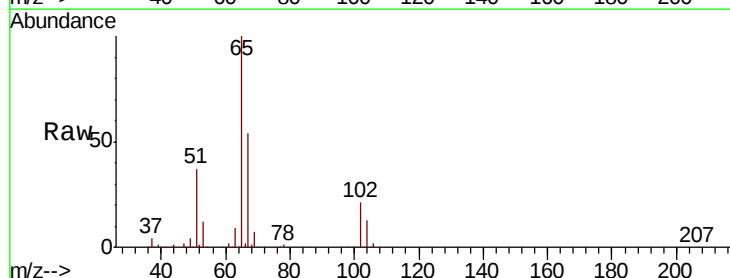
Instrument :
MSVOA_N
ClientSampleId :

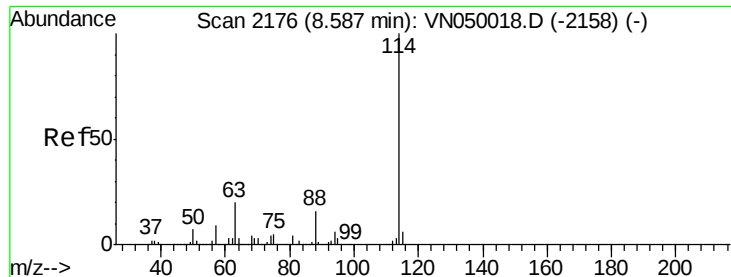
Tot Ion: 73 Resp: 54202
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0



#33
1,2-Dichloroethane-d4
Concen: 49.97 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

Tgt Ion: 65 Resp: 443344
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4

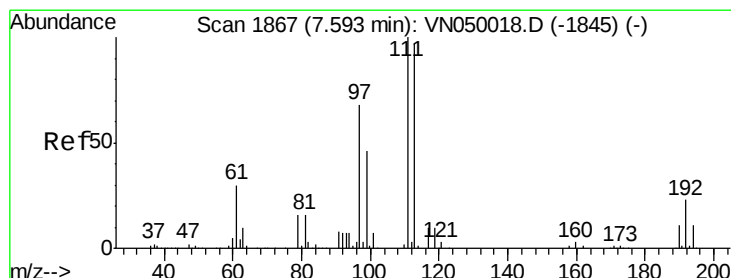
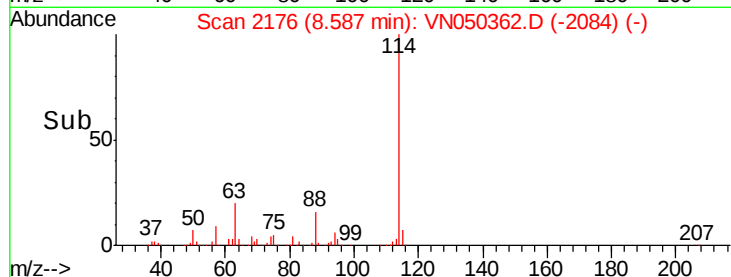
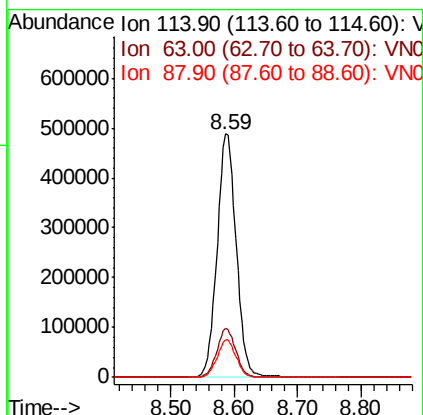
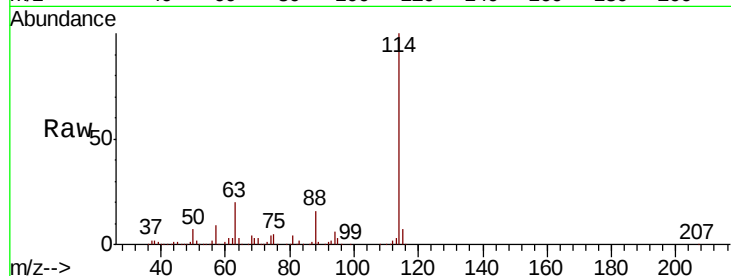




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

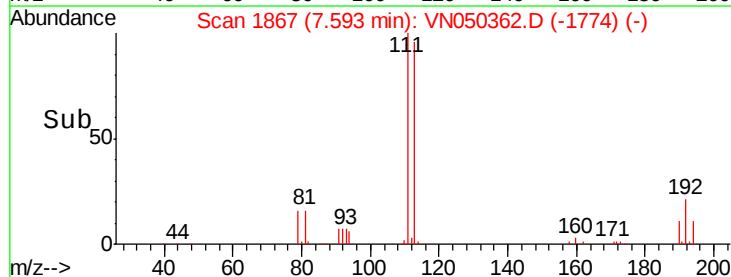
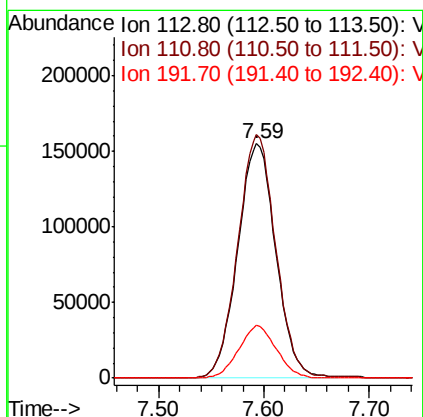
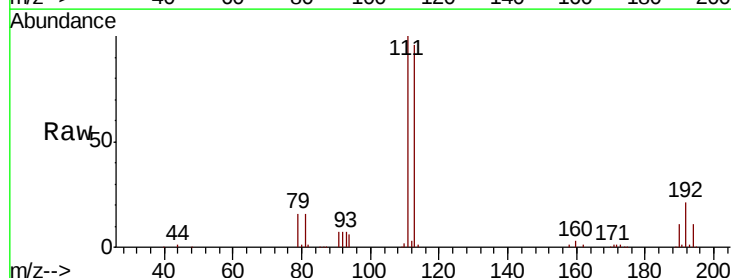
Instrument :
 MSVOA_N
 ClientSampleId :

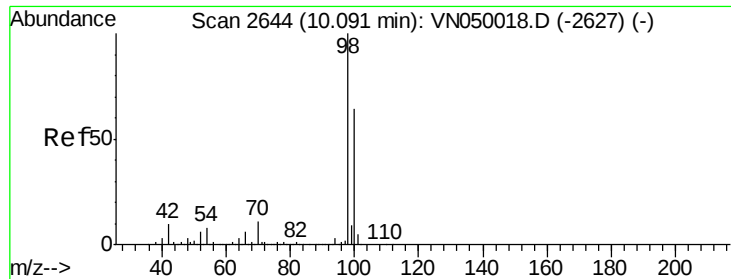
Tot Ion:114 Resp: 1020084
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.5 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 46.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050362.D
 Acq: 4 Aug 2018 13:17

Tgt Ion:113 Resp: 390825
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.7 121.1
 192 22.1 17.8 26.6

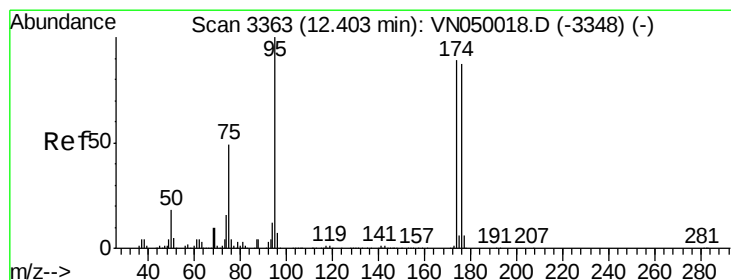
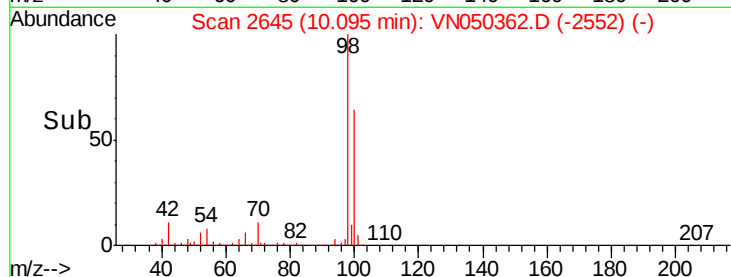
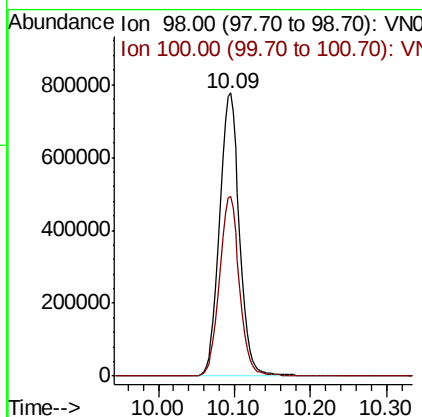
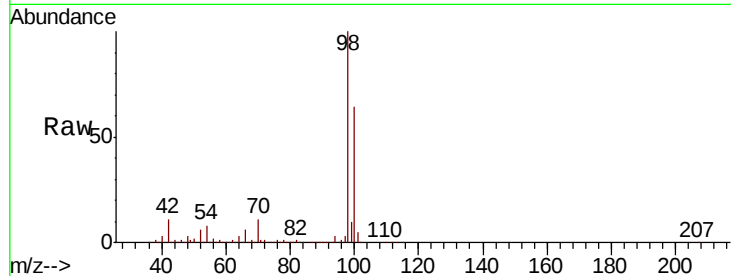




#50
Toluene-d8
Concen: 46.26 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

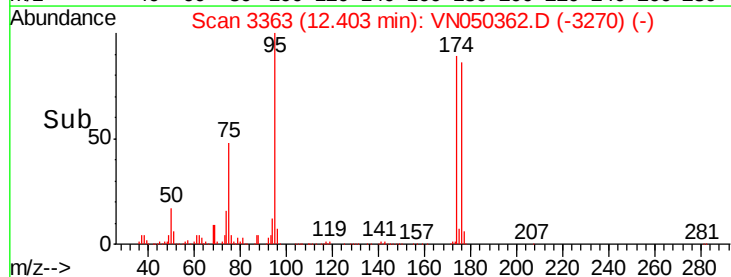
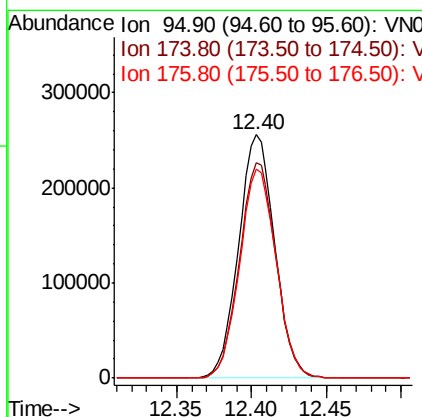
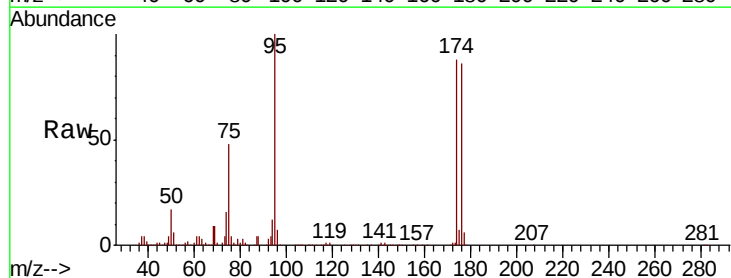
Instrument :
MSVOA_N
ClientSampled :

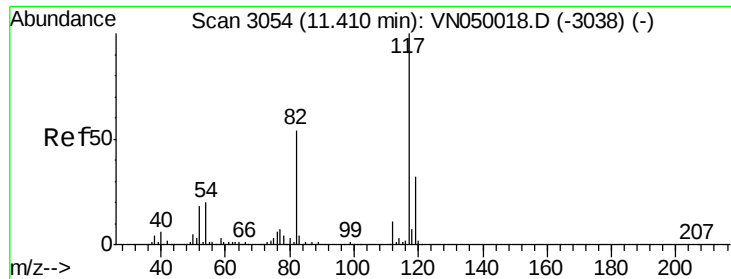
Tot Ion: 98 Resp: 1416547
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 42.52 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

Tgt Ion: 95 Resp: 428701
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.2
176 87.1 0.0 173.4

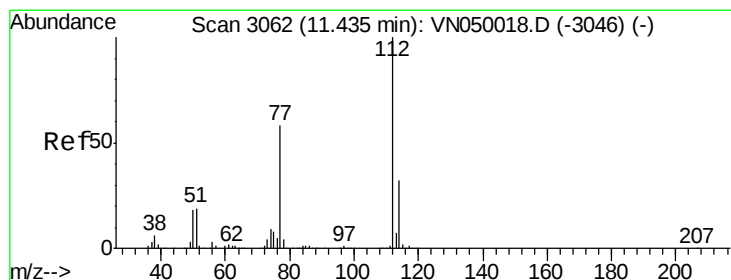
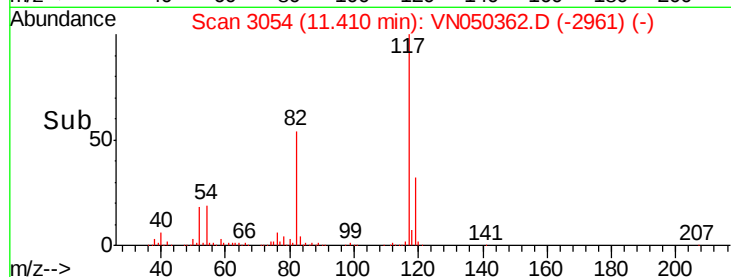
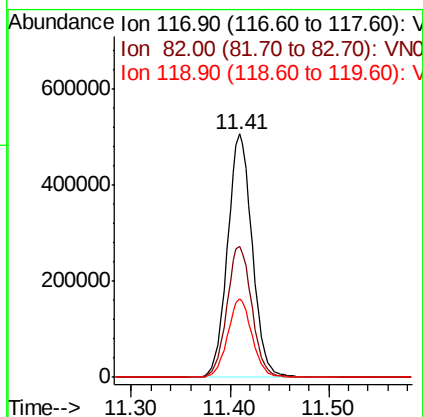
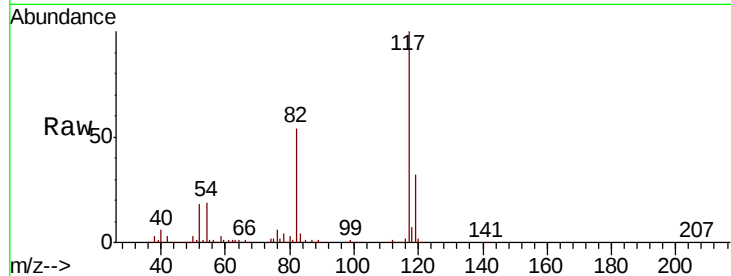




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

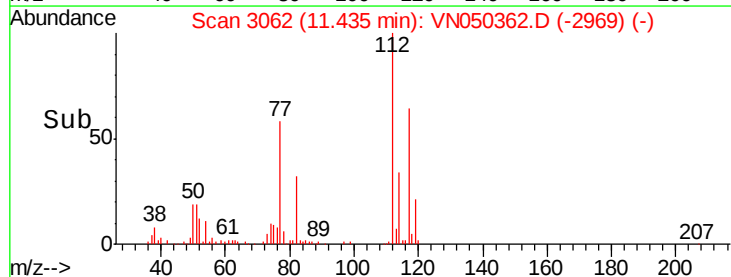
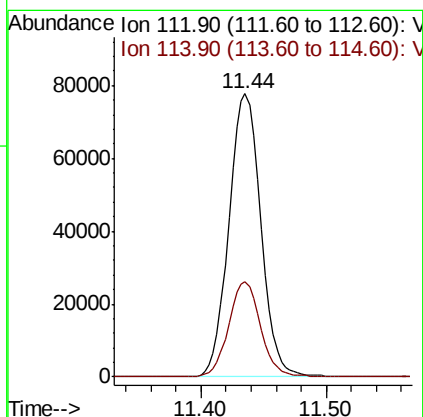
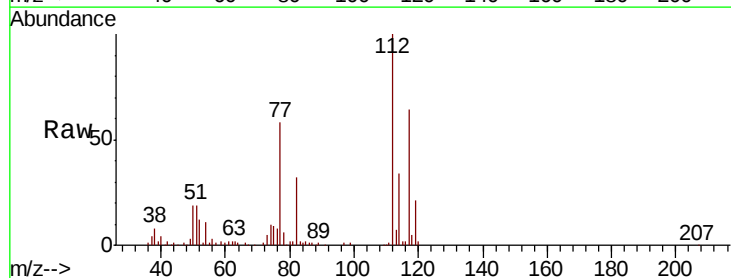
Instrument :
MSVOA_N
ClientSampleId :

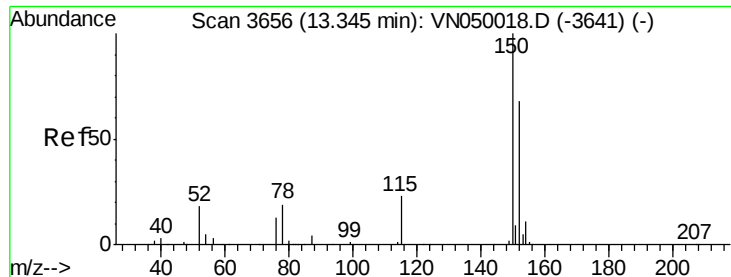
Tot Ion:117 Resp: 884864
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.5 26.1 39.1



#65
Chlorobenzene
Concen: 6.16 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050362.D
Acq: 4 Aug 2018 13:17

Tgt Ion:112 Resp: 137773
Ion Ratio Lower Upper
112 100
114 33.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050362.D

Acq: 4 Aug 2018 13:17

Instrument :

MSVOA_N

ClientSampleId :

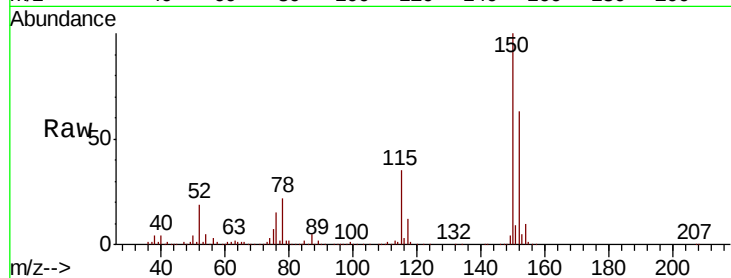
Tot Ion:152 Resp: 387132

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

150 156.7 0.0 348.6



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

