

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050371.D
 Acq On : 4 Aug 2018 17:01
 Operator : MD\SY
 Sample : J4356-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-32

Quant Time: Aug 06 13:56:05 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	657603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	937506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	423037	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	458658	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	7.59	113	407673	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	10.09	98	1465576	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
62) 4-Bromofluorobenzene	12.40	95	466170	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	

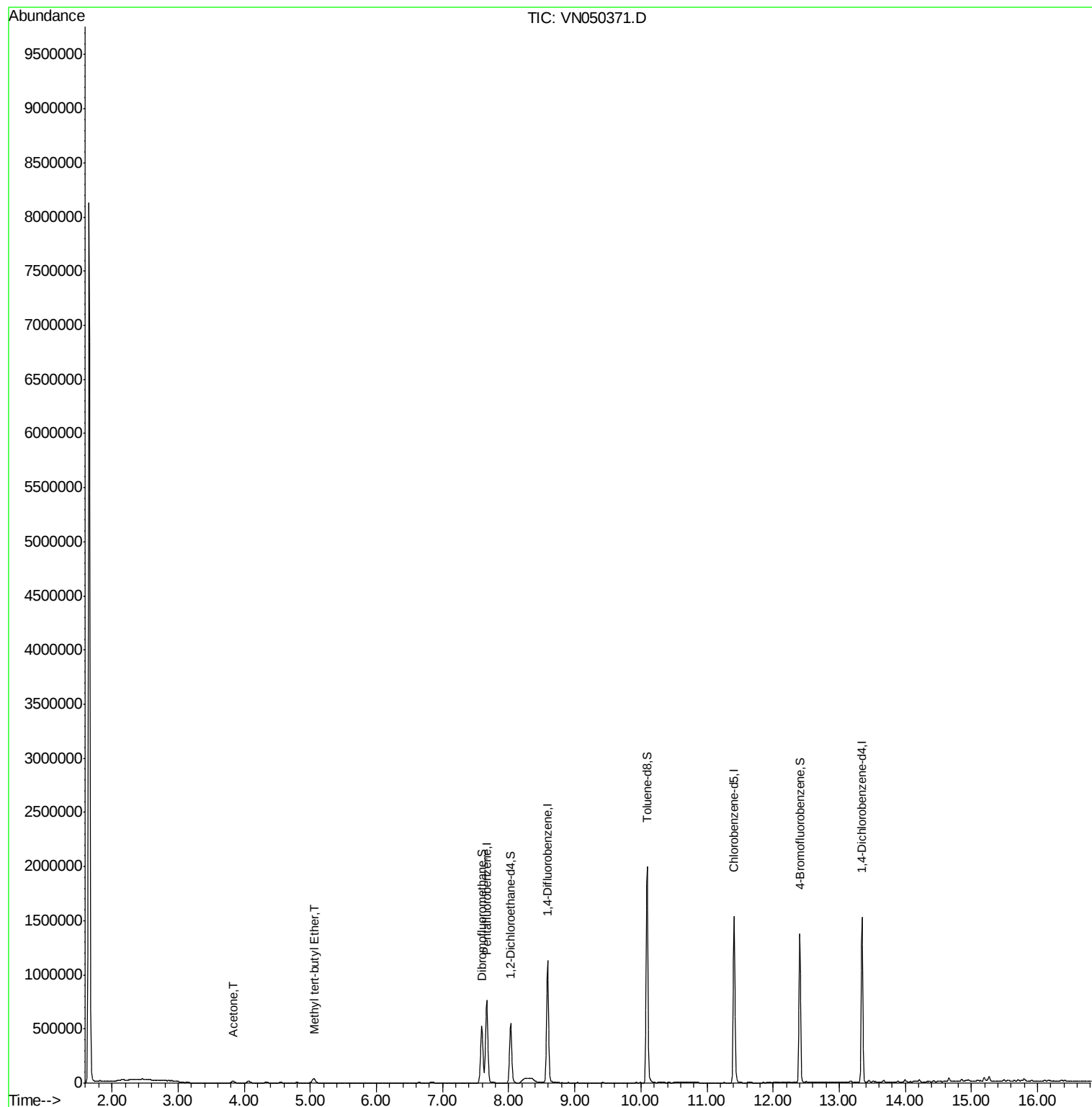
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	31854	10.58	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	62447	3.09	ug/l	95

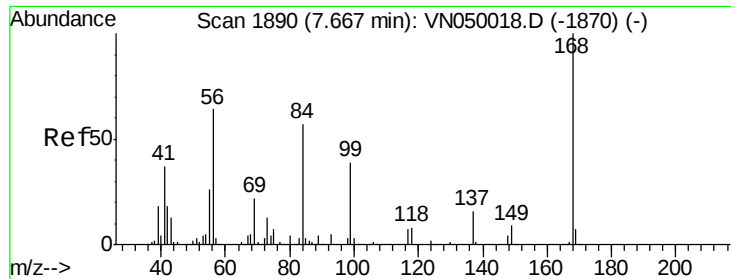
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050371.D

Acq: 4 Aug 2018 17:01

Instrument :

MSVOA_N

ClientSampled :

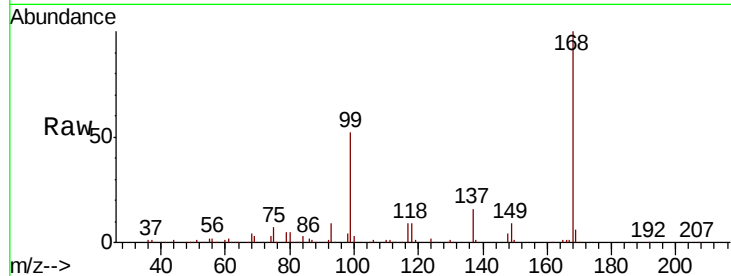
MW-32

Tot Ion:168 Resp: 657603

Ion Ratio Lower Upper

168 100

99 52.3 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

250000

200000

150000

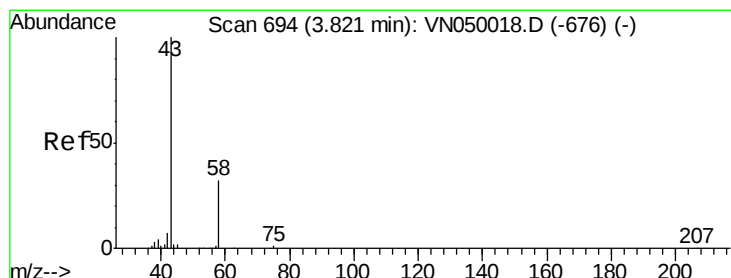
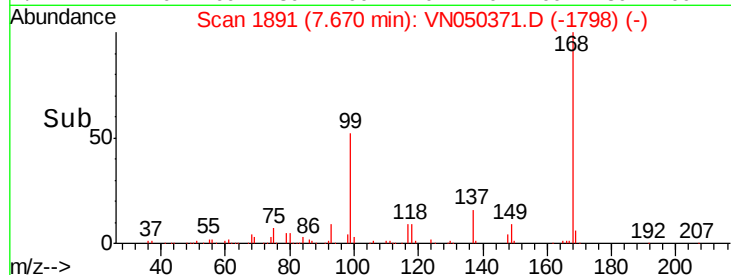
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 10.58 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050371.D

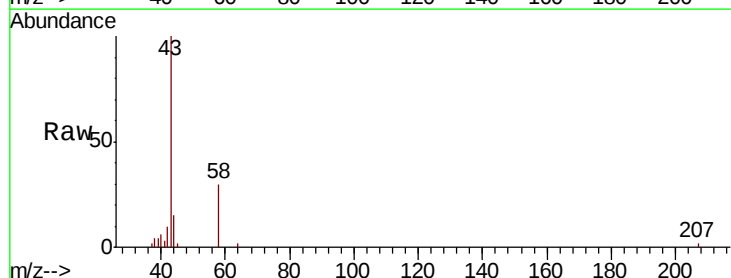
Acq: 4 Aug 2018 17:01

Tgt Ion: 43 Resp: 31854

Ion Ratio Lower Upper

43 100

58 29.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

12000

10000

8000

6000

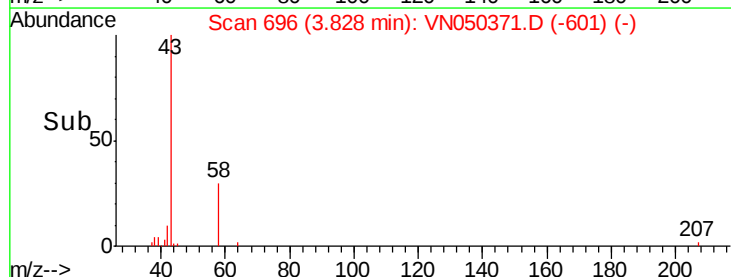
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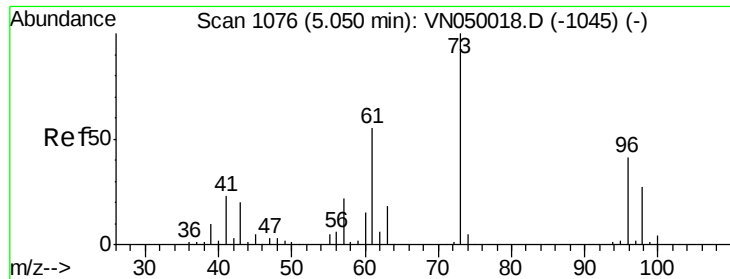
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0

3.70 3.80 3.90

Time-->

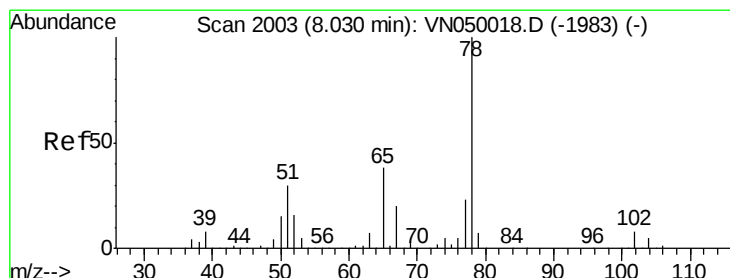
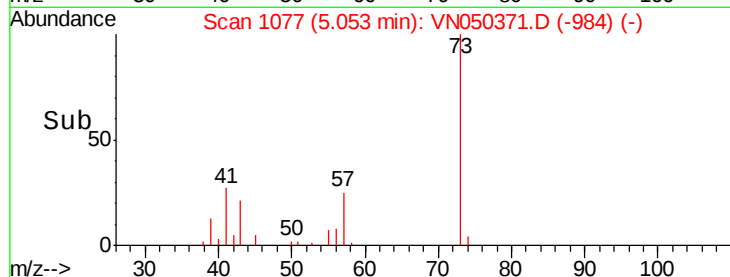
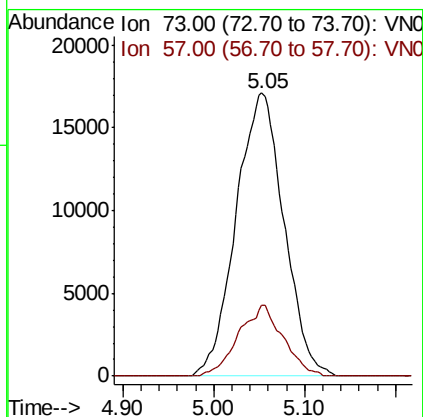
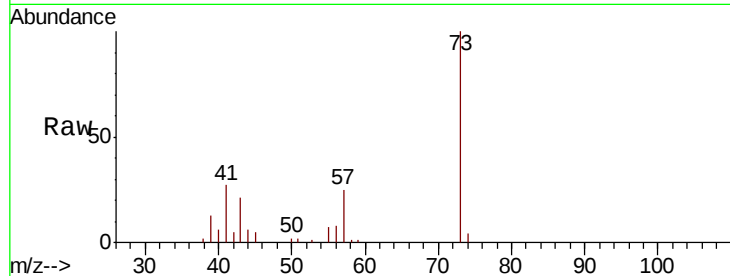




#19
Methvl tert-butvl Ether
Concen: 3.09 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050371.D
Acq: 4 Aug 2018 17:01

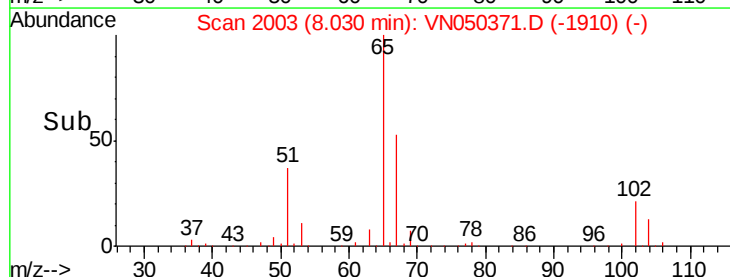
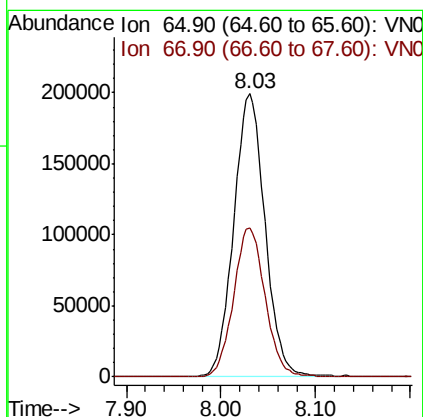
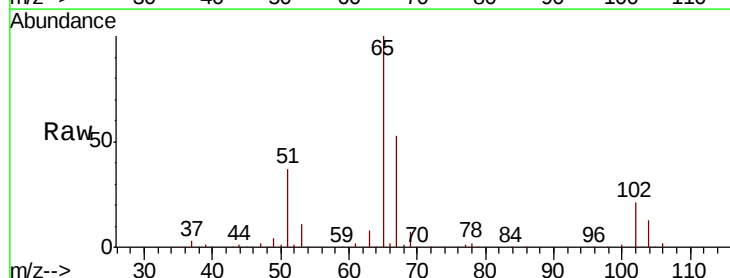
Instrument :
MSVOA_N
ClientSampled :
MW-32

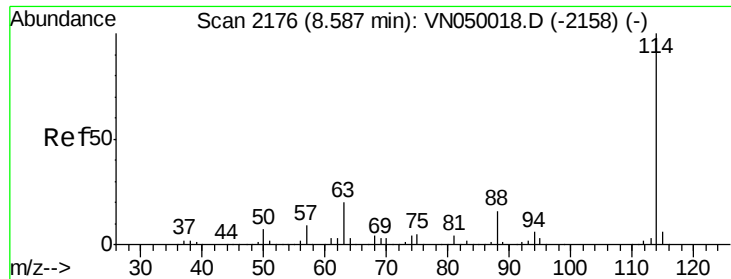
Tot Ion: 73 Resp: 62447
Ion Ratio Lower Upper
73 100
57 25.1 18.0 27.0



#33
1,2-Dichloroethane-d4
Concen: 49.99 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050371.D
Acq: 4 Aug 2018 17:01

Tgt Ion: 65 Resp: 458658
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4

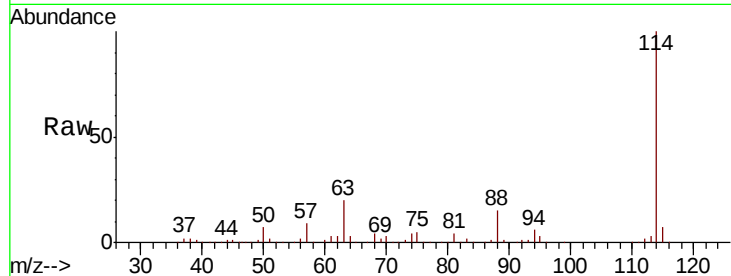




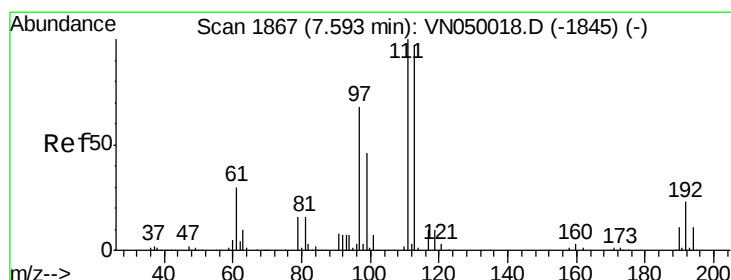
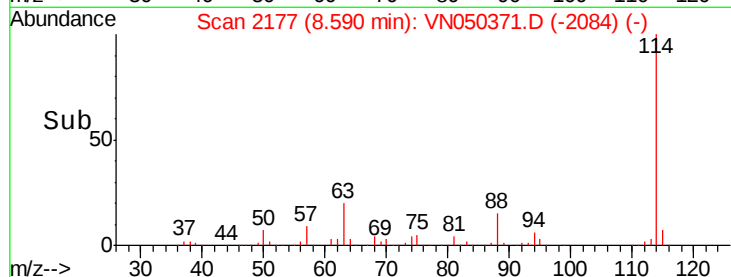
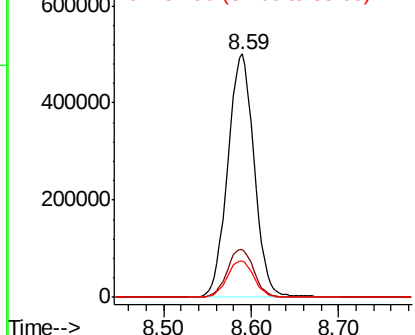
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050371.D
 Acq: 4 Aug 2018 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-32

Tot Ion:114 Resp: 1051252
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.0 0.0 31.2

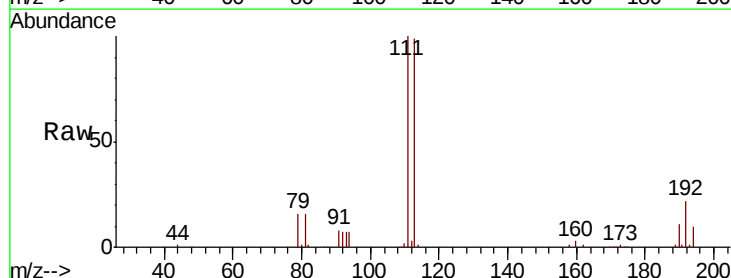


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

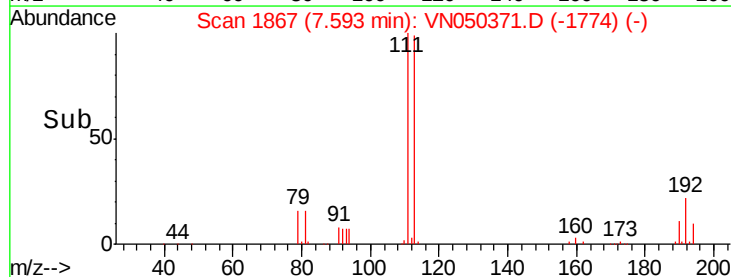
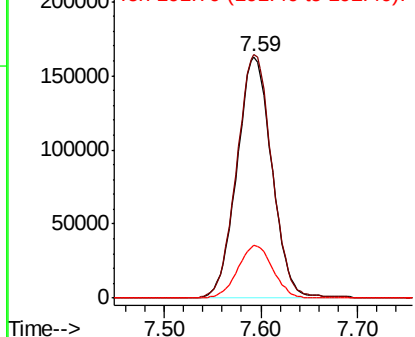


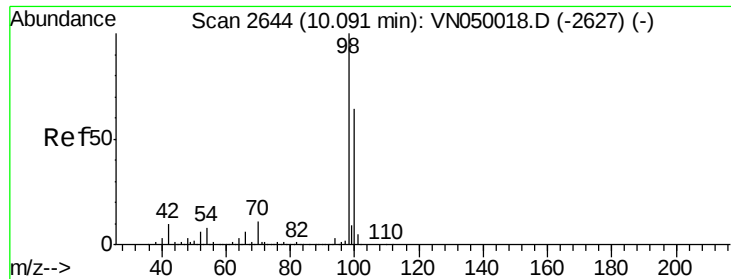
#35
 Dibromofluoromethane
 Concen: 47.50 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050371.D
 Acq: 4 Aug 2018 17:01

Tgt Ion:113 Resp: 407673
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 22.1 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: 46.44 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050371.D

Acq: 4 Aug 2018 17:01

Instrument :

MSVOA_N

ClientSampled :

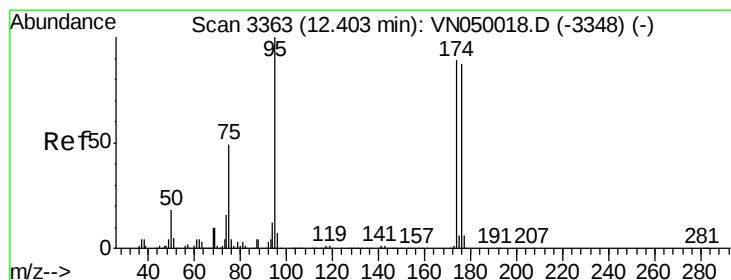
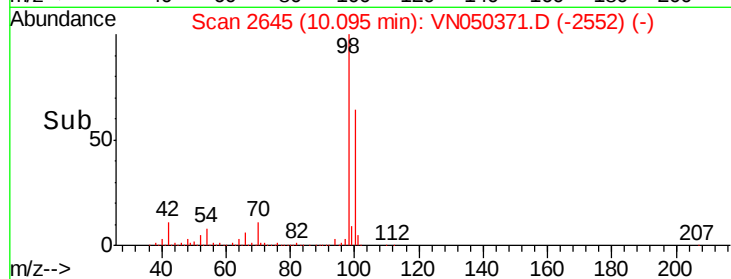
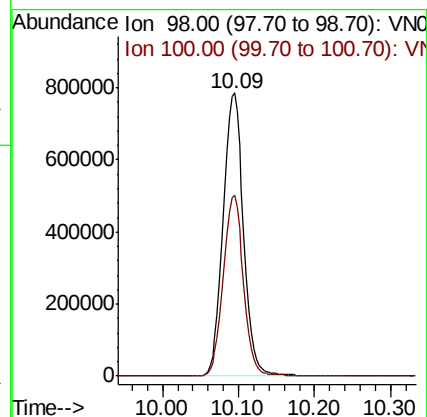
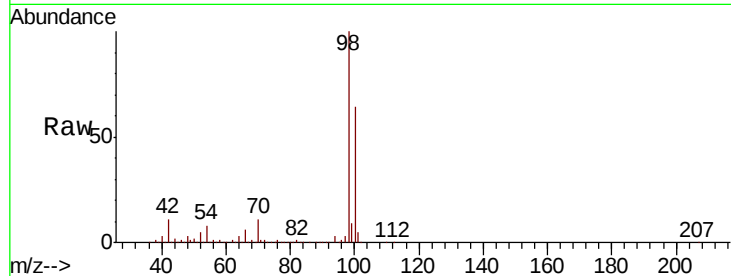
MW-32

Tot Ion: 98 Resp: 1465576

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 44.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050371.D

Acq: 4 Aug 2018 17:01

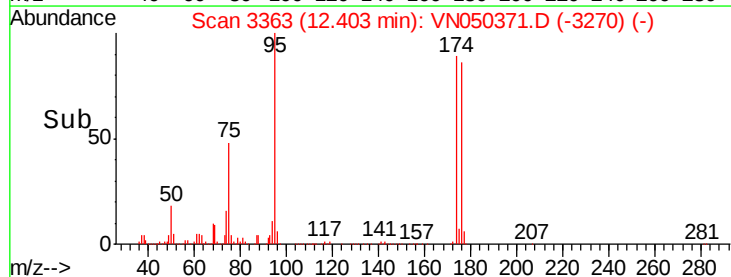
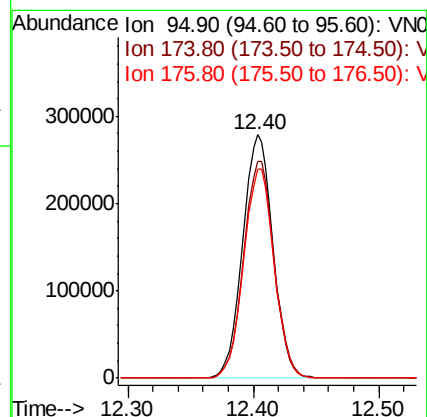
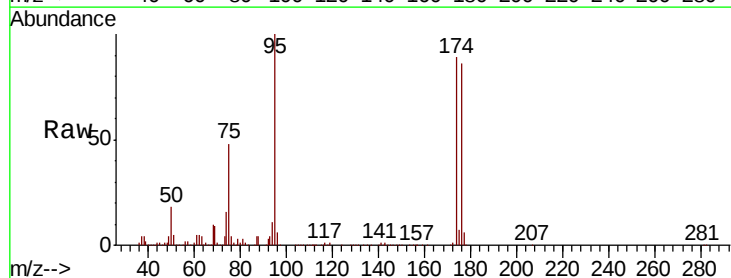
Tgt Ion: 95 Resp: 466170

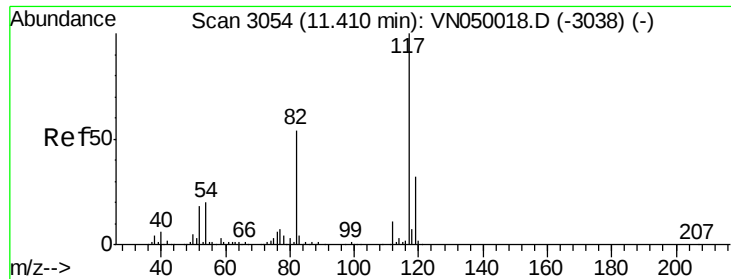
Ion Ratio Lower Upper

95 100

174 90.4 0.0 178.2

176 87.0 0.0 173.4

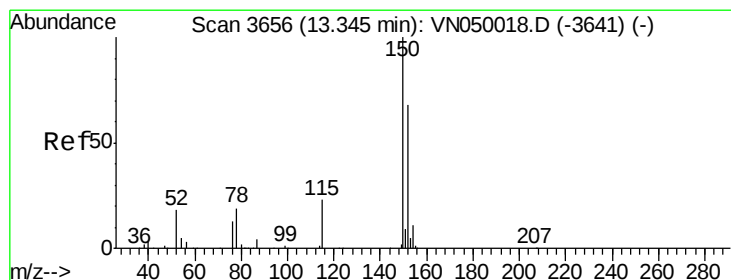
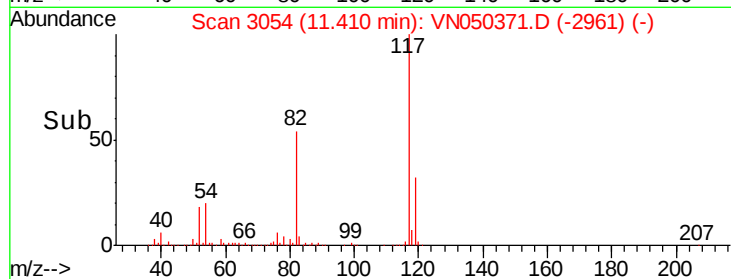
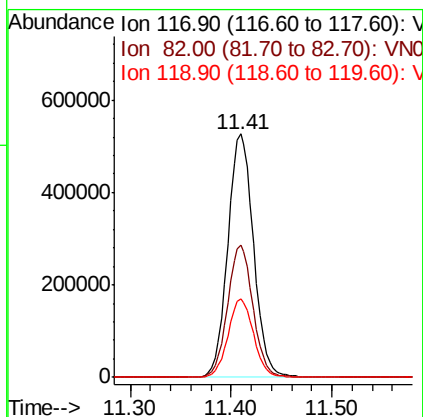
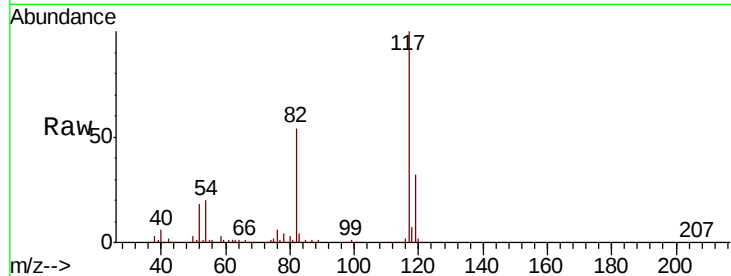




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050371.D
Acq: 4 Aug 2018 17:01

Instrument :
MSVOA_N
ClientSampleId :
MW-32

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	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: VN050371.D
Acq: 4 Aug 2018 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.8	83.3
150	157.0	0.0	348.6

