

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050333.D
 Acq On : 4 Aug 2018 00:31
 Operator : MD\SY
 Sample : PB111719ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#13

Quant Time: Aug 04 01:59:38 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	663961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1076638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	945613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	380442	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	463052	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	7.59	113	405607	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
50) Toluene-d8	10.09	98	1484203	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.40	95	434296	40.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.62%	

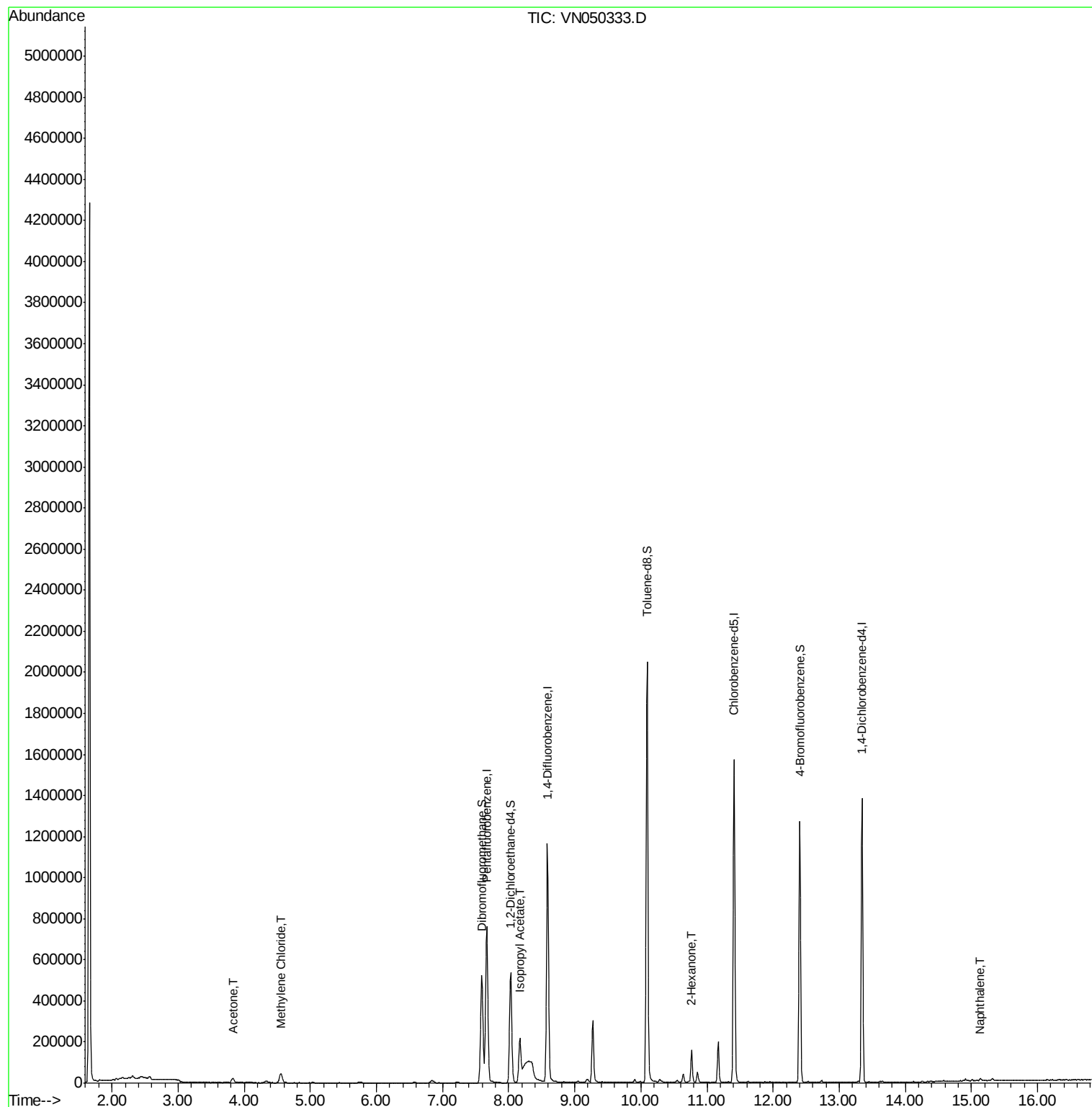
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	40545	14.49	ug/l	94
20) Methylene Chloride	4.56	84	35948	3.20	ug/l	98
43) Isopropyl Acetate	8.17	43	278043	16.69	ug/l	97
59) 2-Hexanone	10.77	43	23590	8.96	ug/l #	60
95) Naphthalene	15.13	128	9100	4.89	ug/l	99

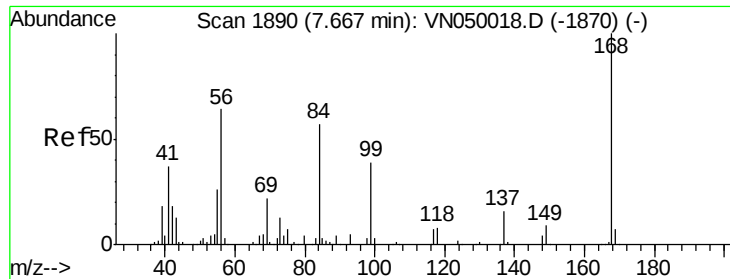
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050333.D

Acq: 4 Aug 2018 00:31

Instrument :

MSVOA_N

ClientSampleId :

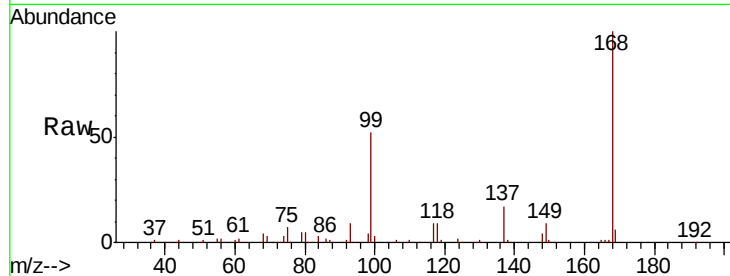
PB111719ZHE#13

Tot Ion:168 Resp: 663961

Ion Ratio Lower Upper

168 100

99 51.5 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

250000

200000

150000

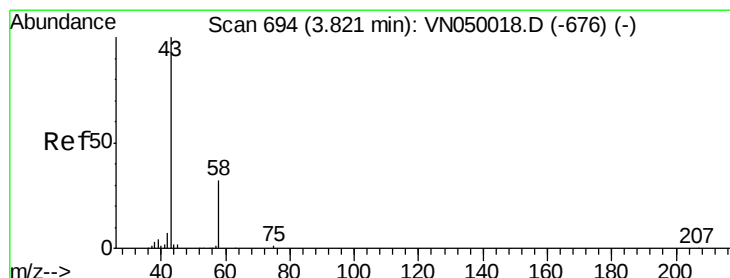
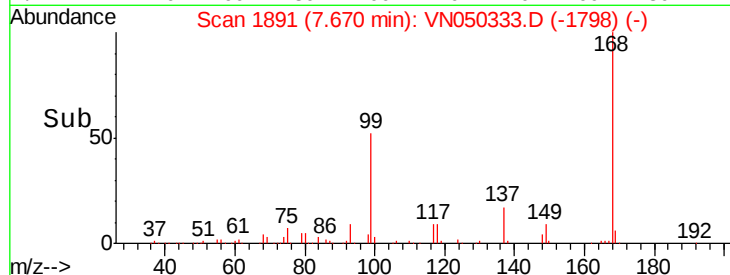
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 14.49 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050333.D

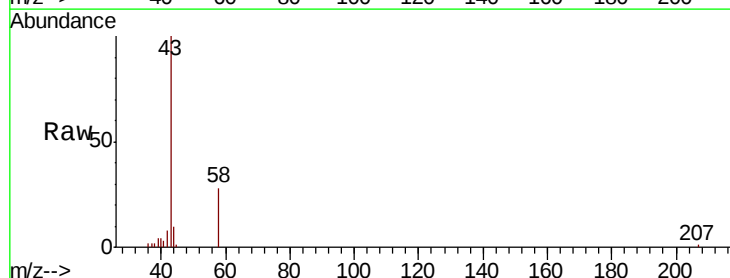
Acq: 4 Aug 2018 00:31

Tgt Ion: 43 Resp: 40545

Ion Ratio Lower Upper

43 100

58 28.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

15000

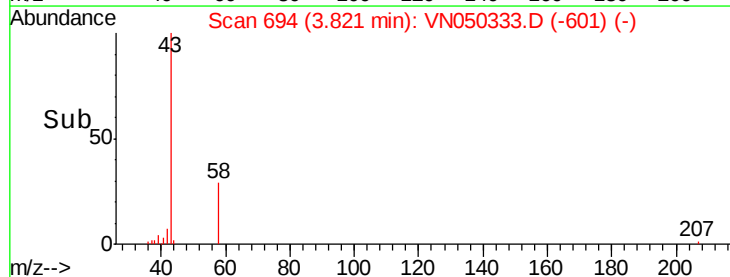
10000

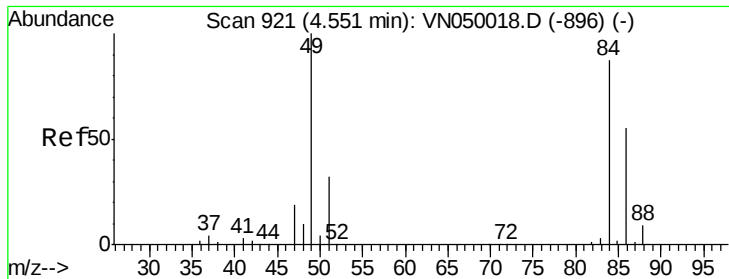
5000

0

3.70 3.80 3.90

Time-->

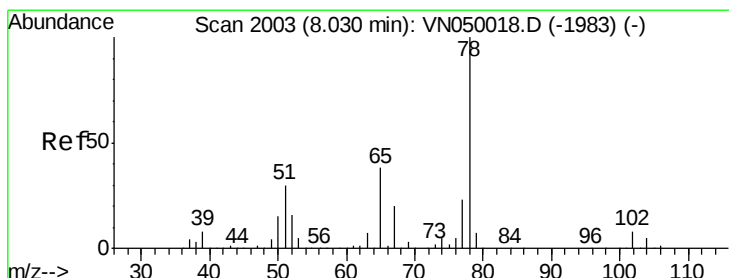
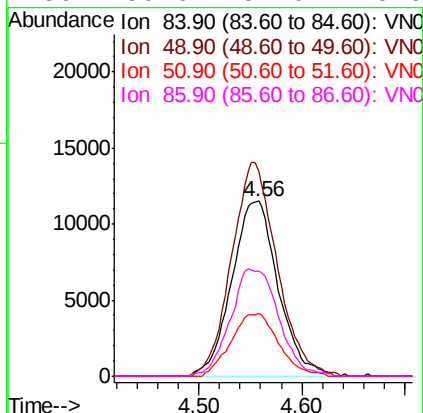
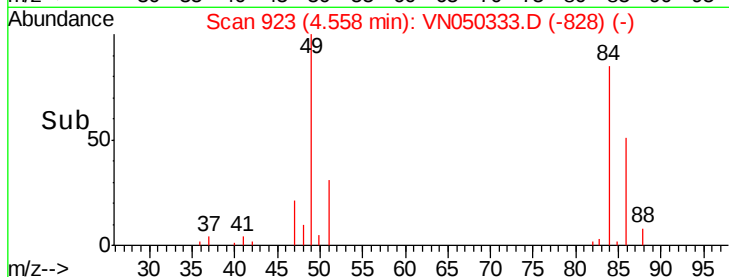
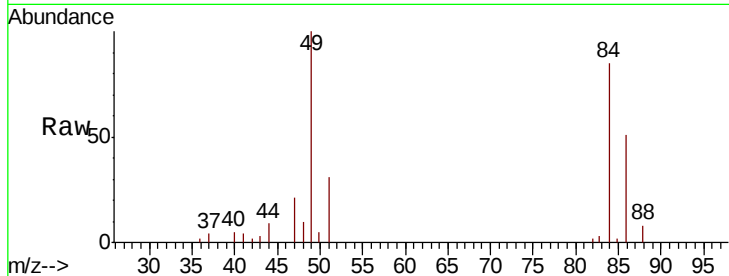




#20
Methvlene Chloride
Concen: 3.20 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050333.D
Acq: 4 Aug 2018 00:31

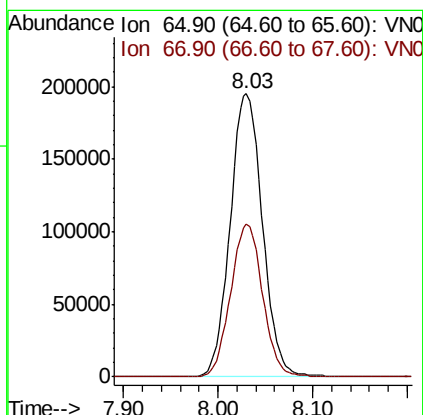
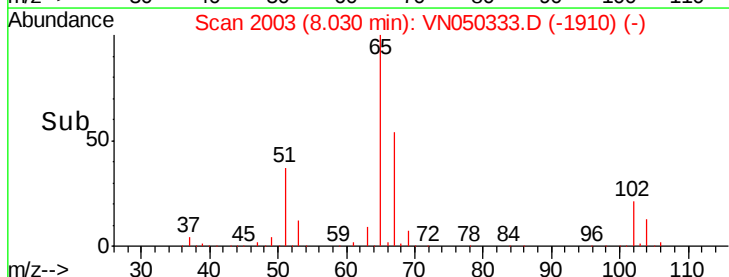
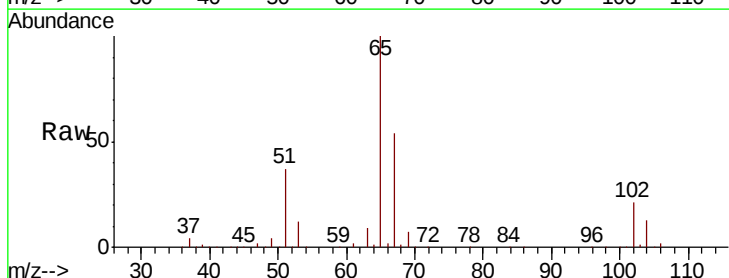
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#13

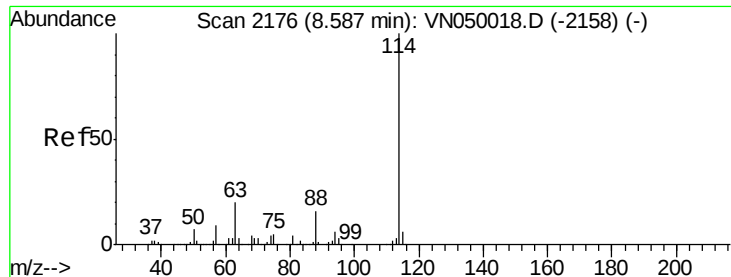
Tot Ion:	84	Resp:	35948
Ion	Ratio	Lower	Upper
84	100		
49	117.2	94.8	142.2
51	35.9	28.3	42.5
86	59.6	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 49.99 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050333.D
Acq: 4 Aug 2018 00:31

Tgt Ion:	65	Resp:	463052
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	108.4

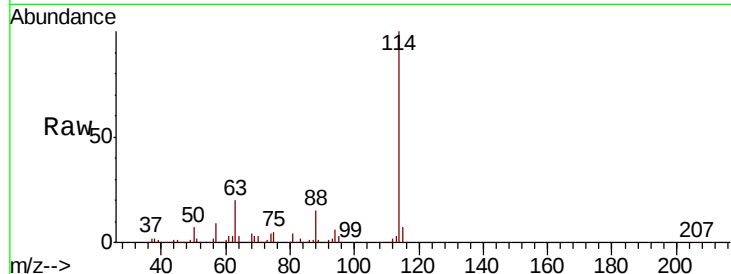




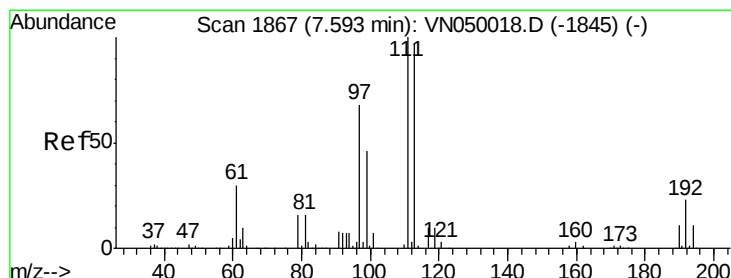
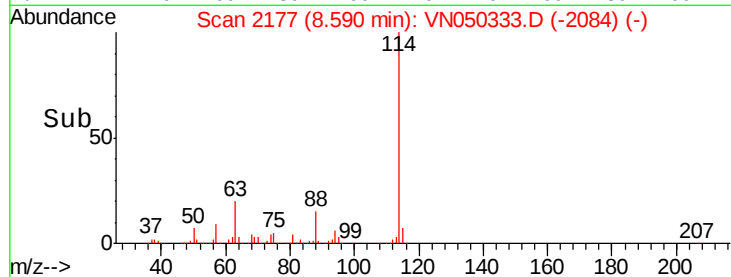
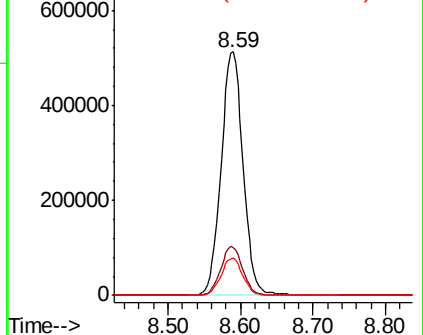
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050333.D
 Acq: 4 Aug 2018 00:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#13

Tot Ion:114 Resp: 1076638
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.2 0.0 31.2

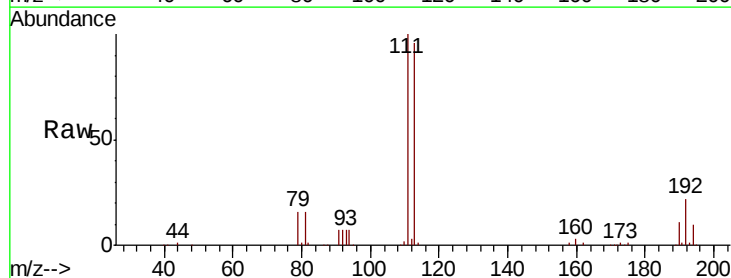


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

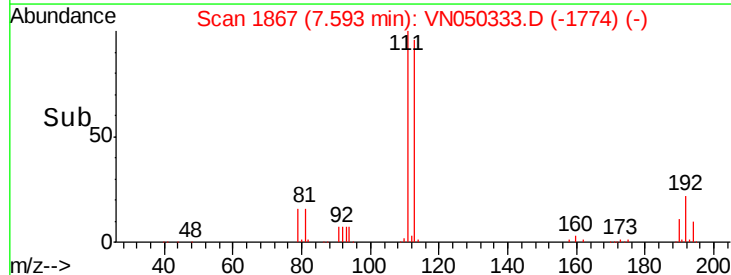
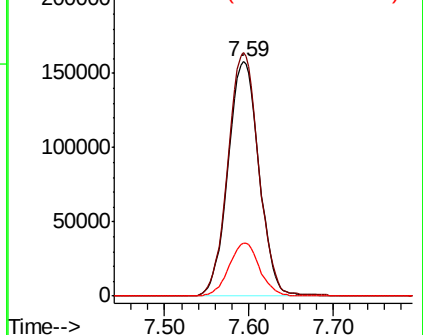


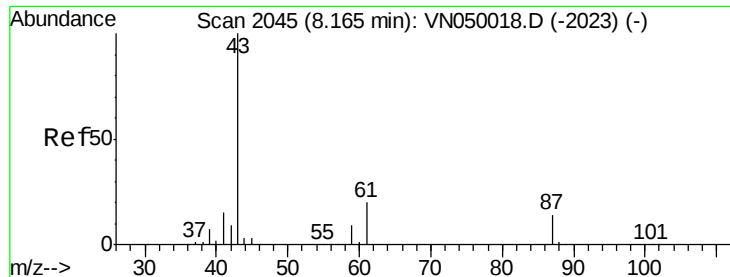
#35
 Dibromofluoromethane
 Concen: 46.14 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050333.D
 Acq: 4 Aug 2018 00:31

Tgt Ion:113 Resp: 405607
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.7 121.1
 192 22.3 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





#43

Isopropyl Acetate

Concen: 16.69 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050333.D

Acq: 4 Aug 2018 00:31

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#13

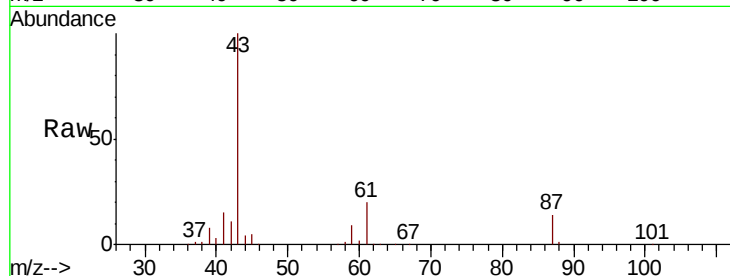
Tot Ion: 43 Resp: 278043

Ion Ratio Lower Upper

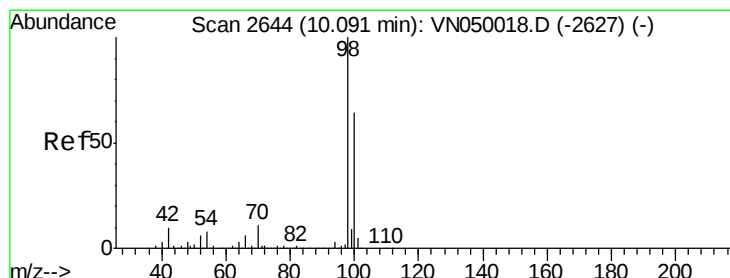
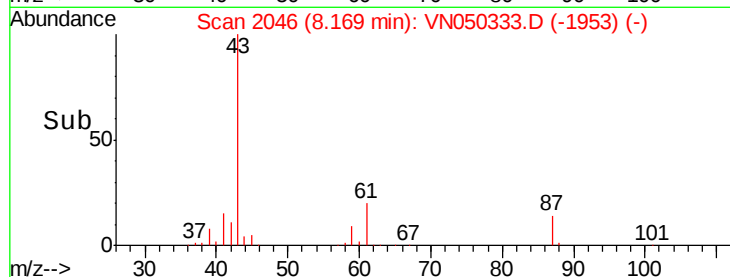
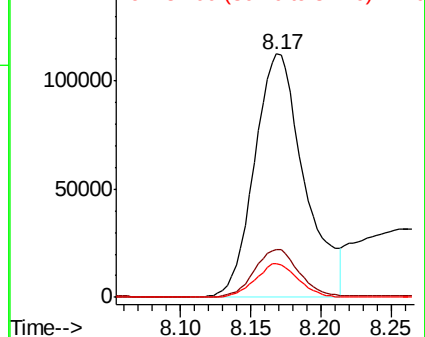
43 100

61 17.8 15.8 23.6

87 11.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.93 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050333.D

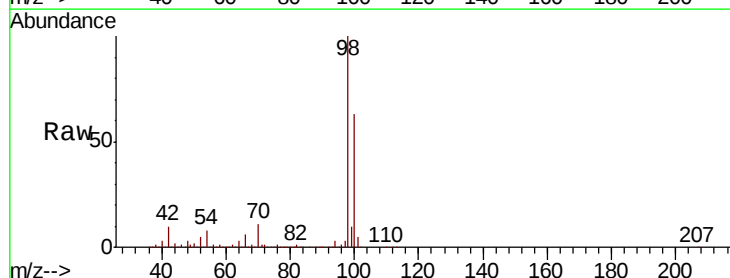
Acq: 4 Aug 2018 00:31

Tgt Ion: 98 Resp: 1484203

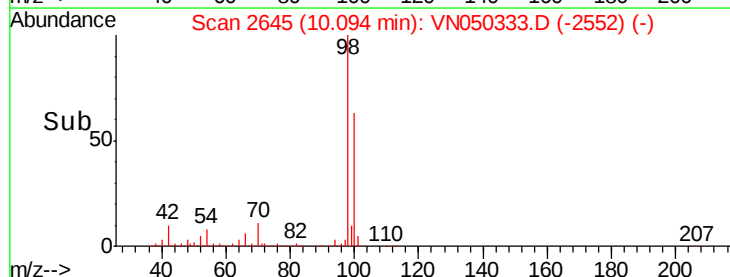
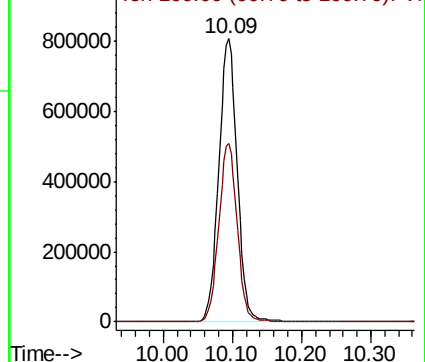
Ion Ratio Lower Upper

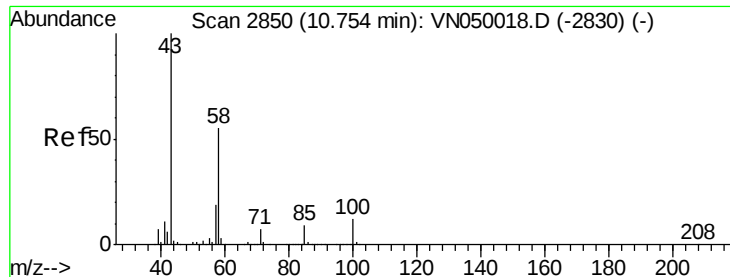
98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 8.96 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050333.D

Acq: 4 Aug 2018 00:31

Instrument :

MSVOA_N

ClientSampleId :

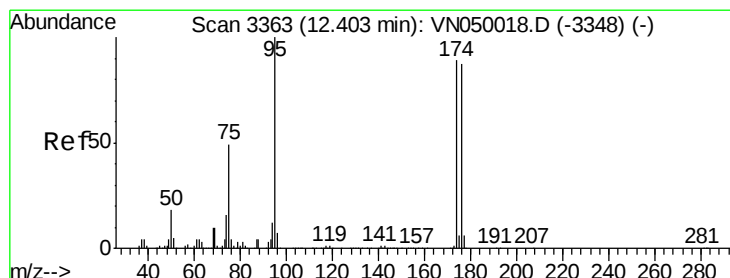
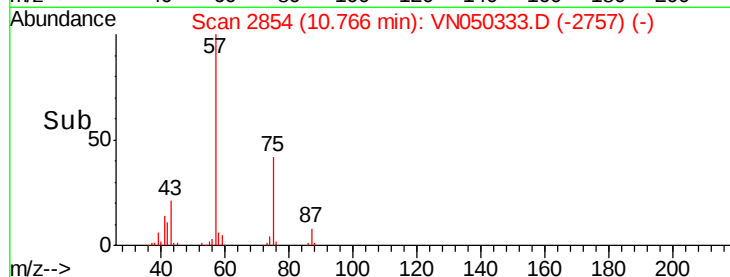
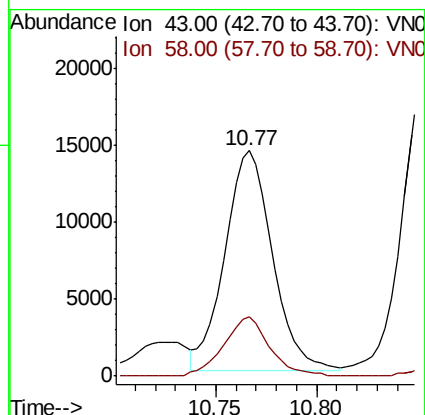
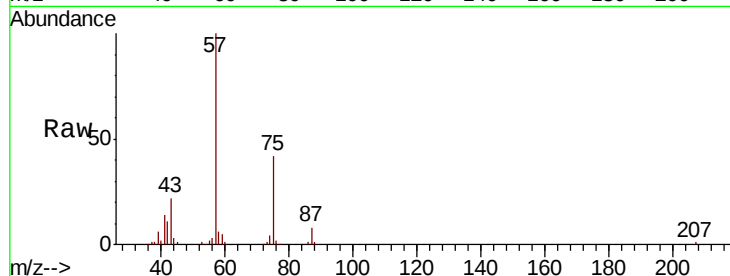
PB111719ZHE#13

Tot Ion: 43 Resp: 23590

Ion Ratio Lower Upper

43 100

58 25.9 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 40.81 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050333.D

Acq: 4 Aug 2018 00:31

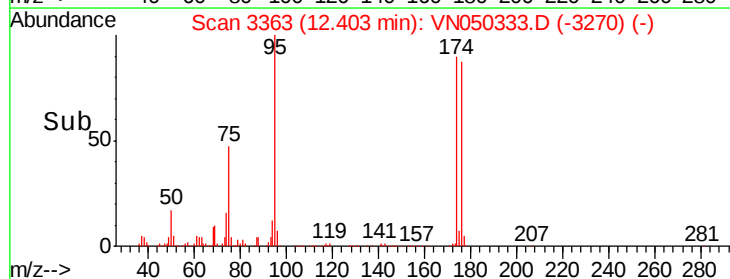
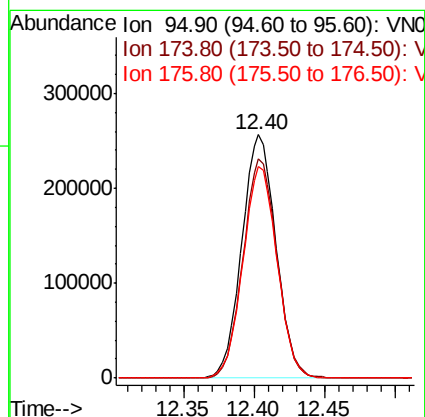
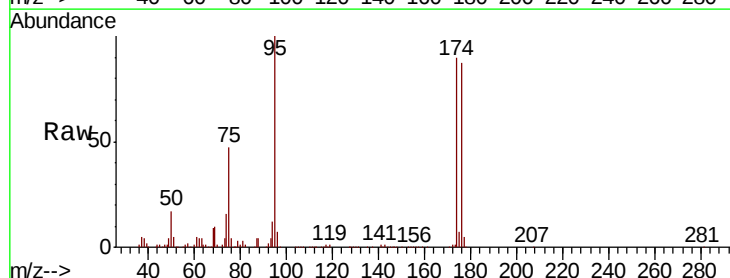
Tgt Ion: 95 Resp: 434296

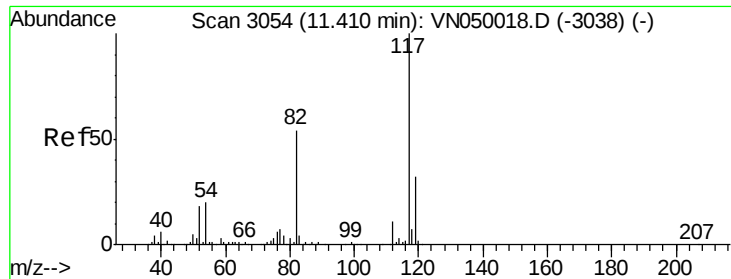
Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.2

176 87.2 0.0 173.4

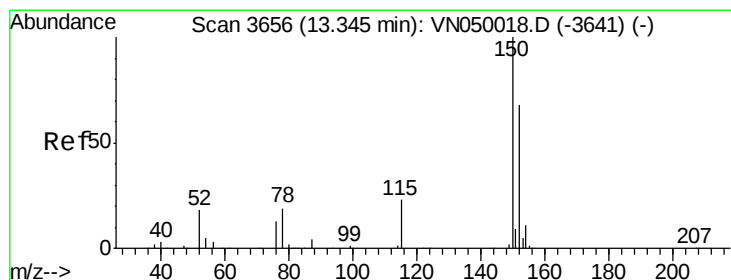
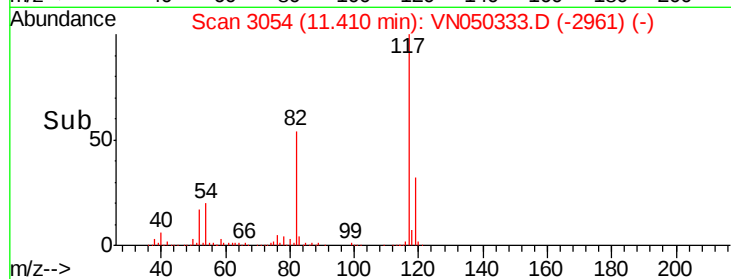
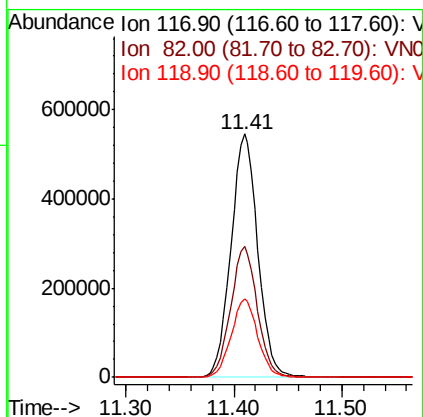
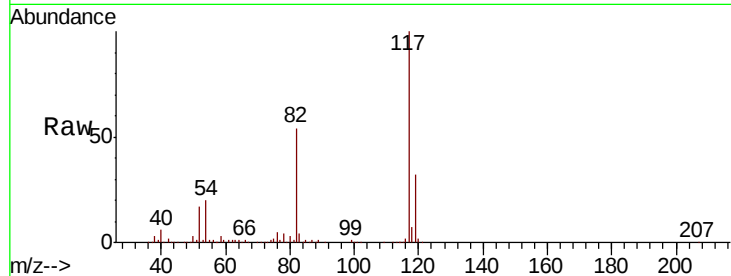




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050333.D
Acq: 4 Aug 2018 00:31

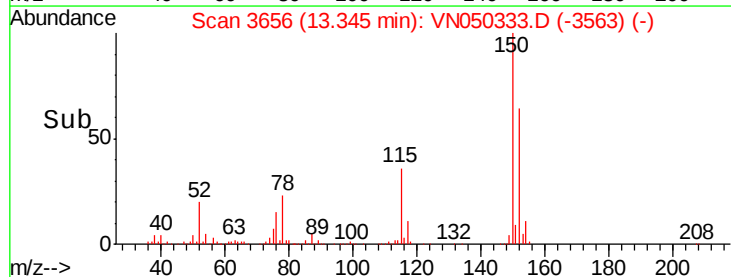
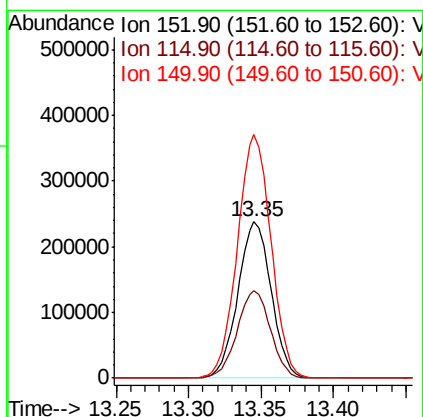
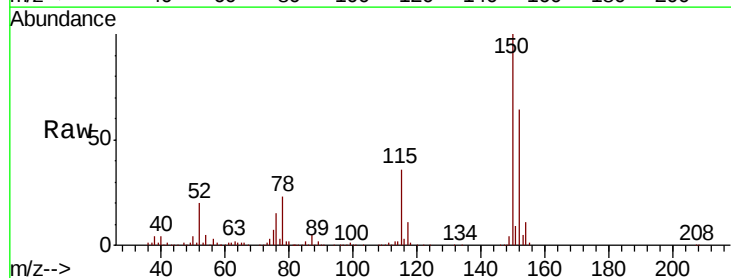
Instrument :
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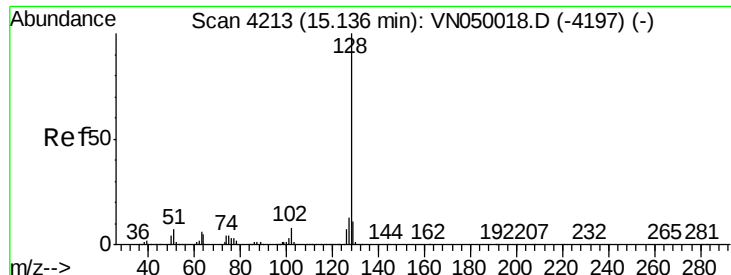
Tot Ion:117 Resp: 945613
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050333.D
Acq: 4 Aug 2018 00:31

Tgt Ion:152 Resp: 380442
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.3
150 156.8 0.0 348.6





#95

Naphthalene

Concen: 4.89 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050333.D

Acq: 4 Aug 2018 00:31

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#13

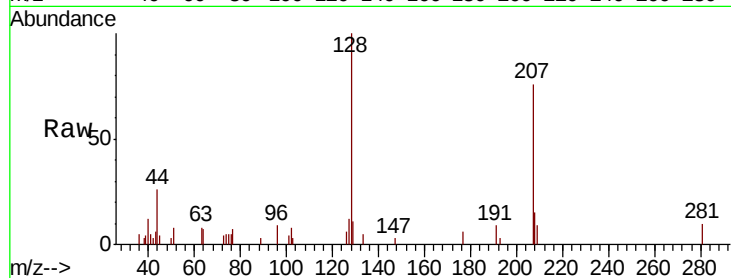
Tot Ion:128 Resp: 9100

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

