

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050580.D
 Acq On : 13 Aug 2018 20:04
 Operator : MD\SY
 Sample : PB111961ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#13

Quant Time: Aug 14 02:18:27 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	639696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1082461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	920686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	335164	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	451013	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	7.59	113	413520	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
50) Toluene-d8	10.09	98	1466065	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
62) 4-Bromofluorobenzene	12.40	95	405270	36.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.82%	

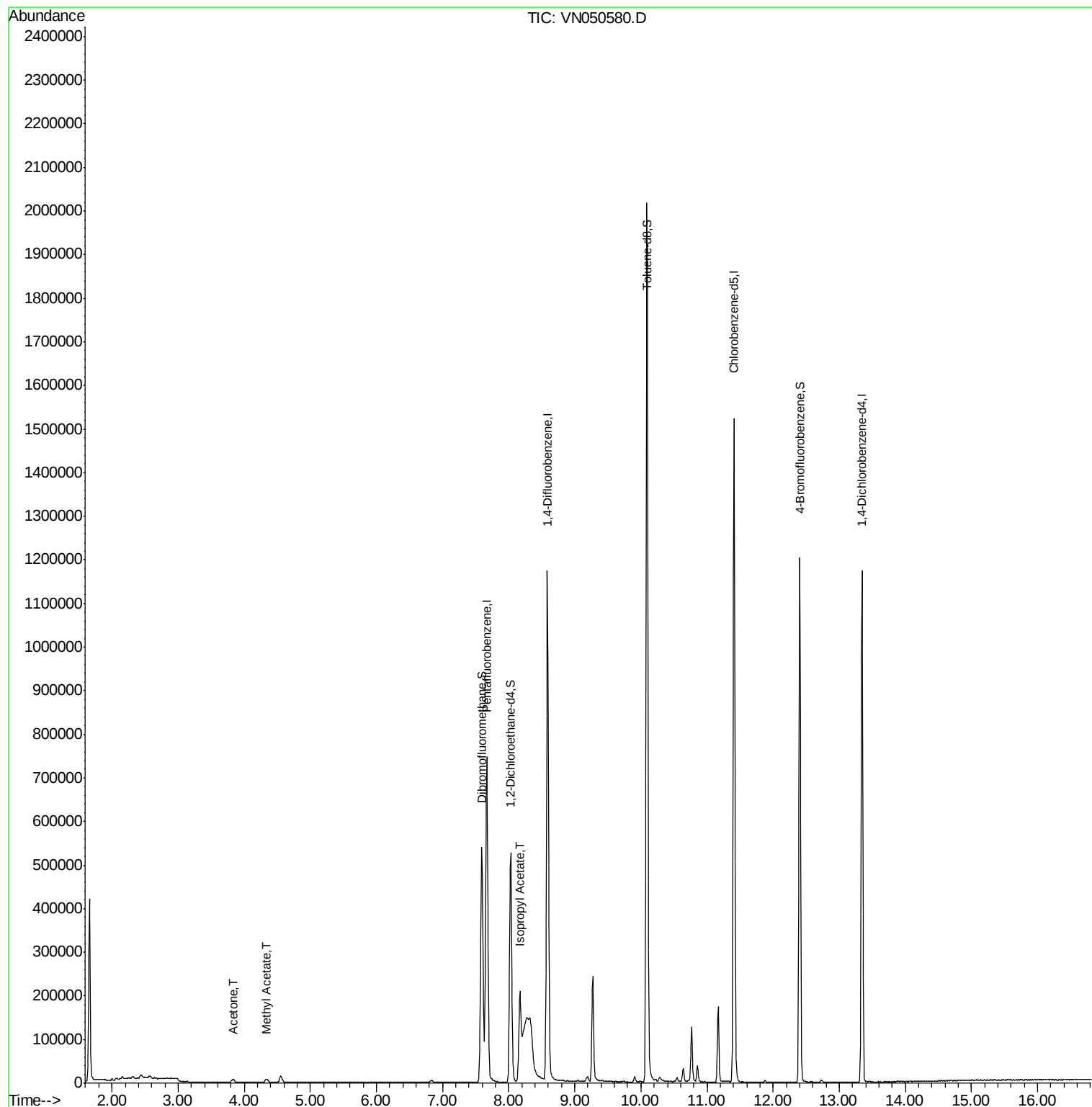
Target Compounds						Qvalue
16) Acetone	3.82	43	13415	4.91	ug/l	92
18) Methyl Acetate	4.34	43	16552	2.31	ug/l	97
43) Isopropyl Acetate	8.17	43	275730	18.65	ug/l	93

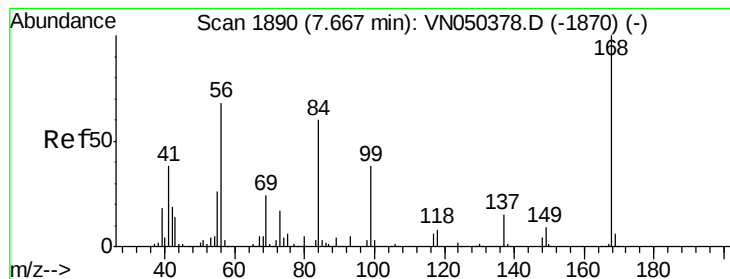
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050580.D

Acq: 13 Aug 2018 20:04

Instrument :

MSVOA_N

ClientSampleId :

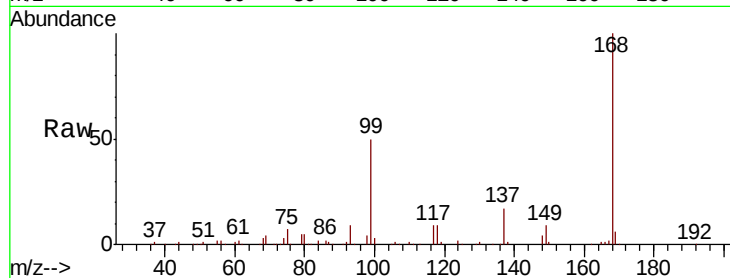
PB111961ZHE#13

Tot Ion:168 Resp: 639696

Ion Ratio Lower Upper

168 100

99 50.3 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

250000

200000

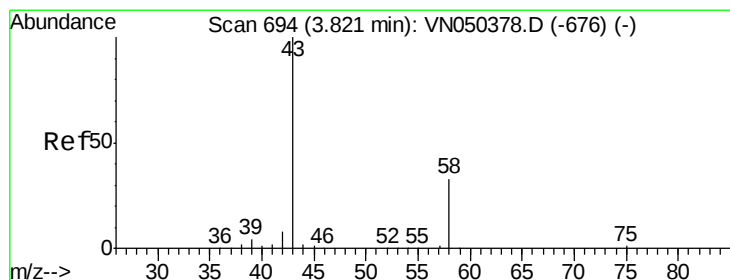
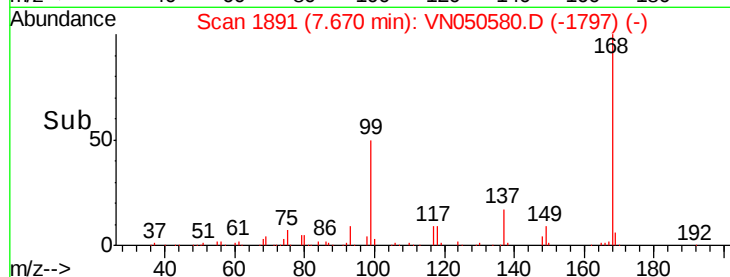
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.91 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050580.D

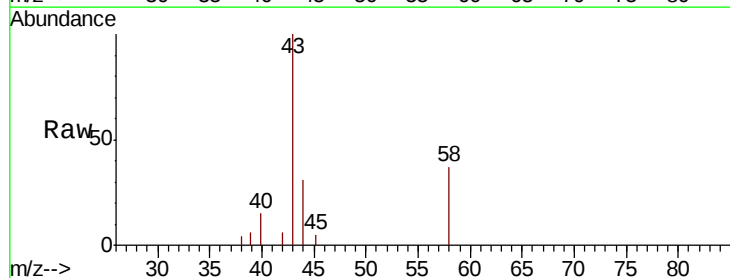
Acq: 13 Aug 2018 20:04

Tgt Ion: 43 Resp: 13415

Ion Ratio Lower Upper

43 100

58 36.7 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) (-)

3.82

5000

4000

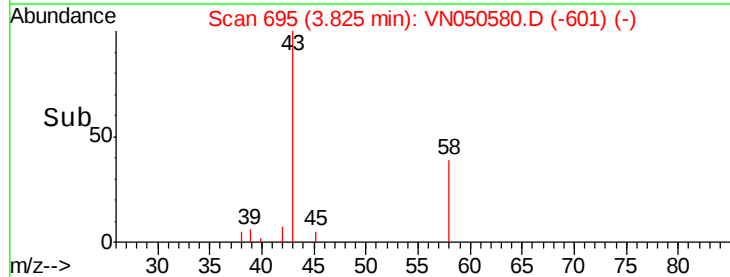
3000

2000

1000

0

Time-->

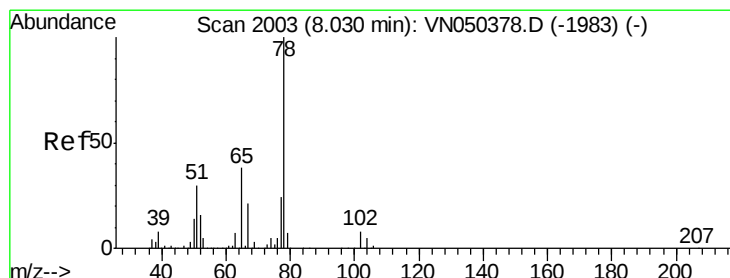
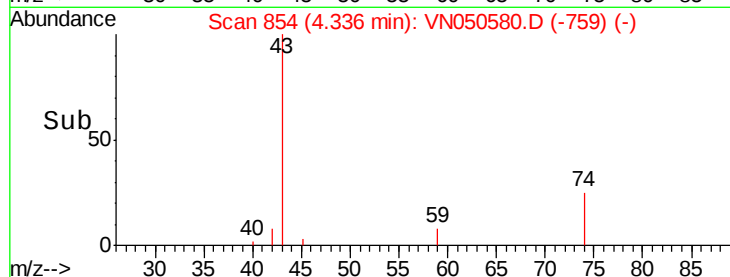
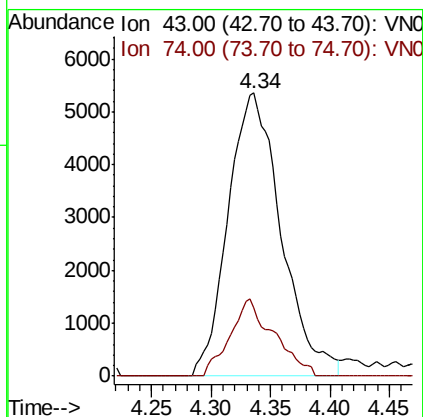
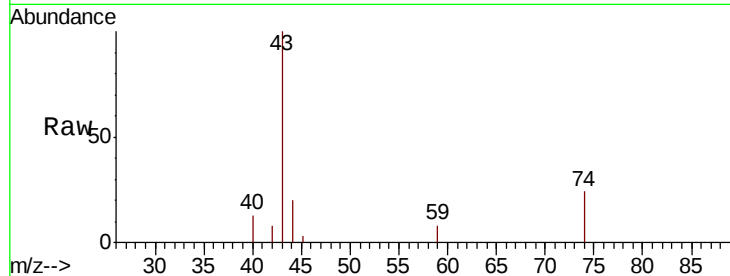




#18
Methvl Acetate
Concen: 2.31 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050580.D
Acq: 13 Aug 2018 20:04

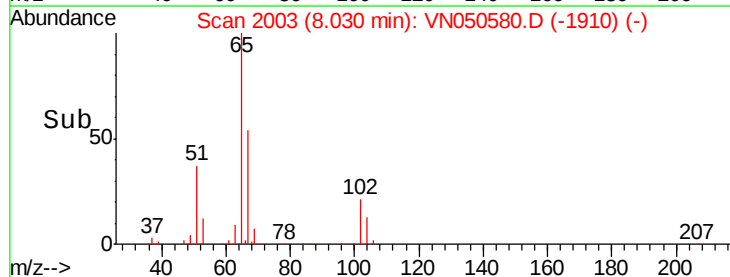
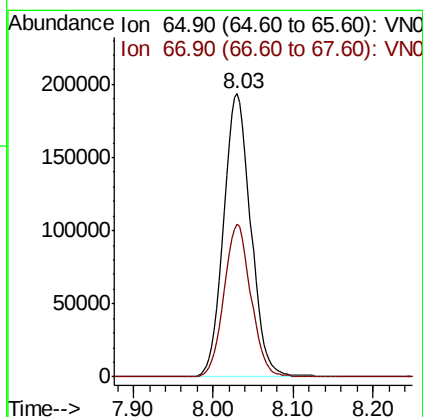
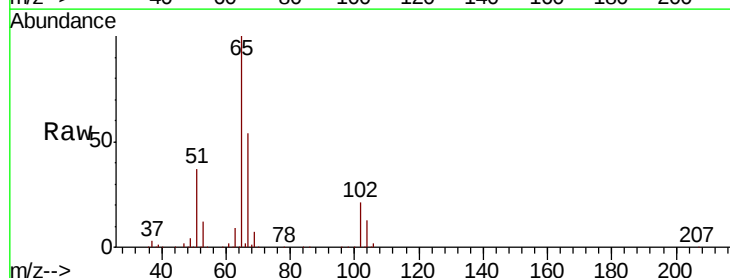
Instrument :
MSVOA_N
ClientSampleId :
PB111961ZHE#13

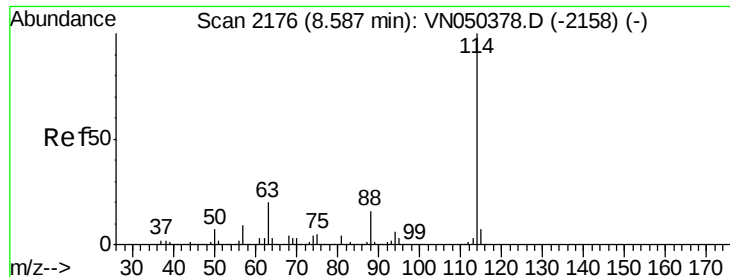
Tot Ion: 43 Resp: 16552
Ion Ratio Lower Upper
43 100
74 22.4 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 52.77 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050580.D
Acq: 13 Aug 2018 20:04

Tgt Ion: 65 Resp: 451013
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.4

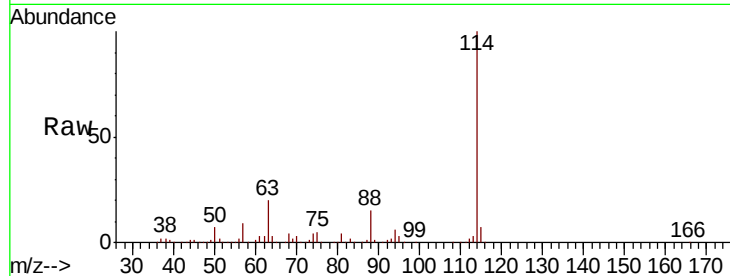




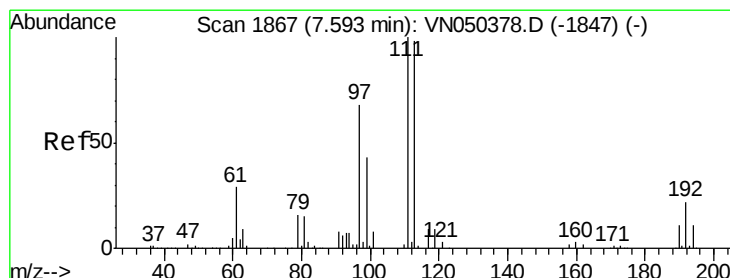
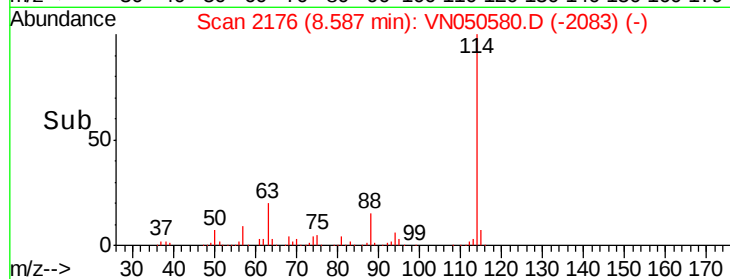
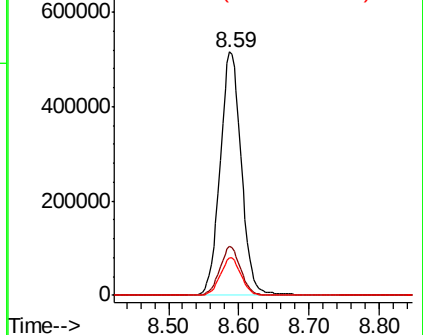
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050580.D
 Acq: 13 Aug 2018 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#13

Tot Ion:114 Resp: 1082461
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.3 0.0 31.2

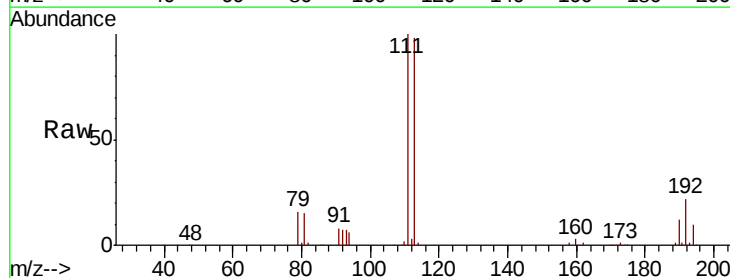


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

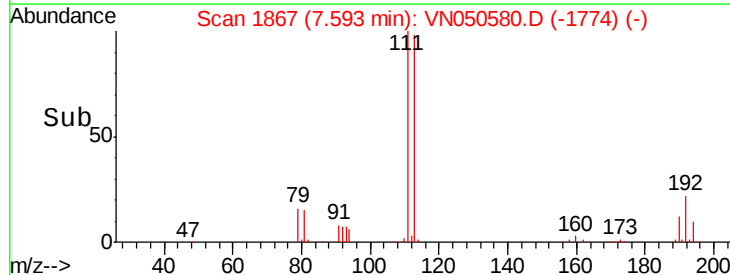
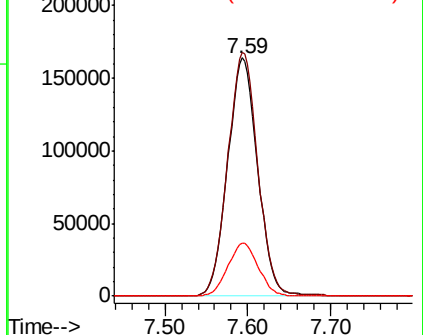


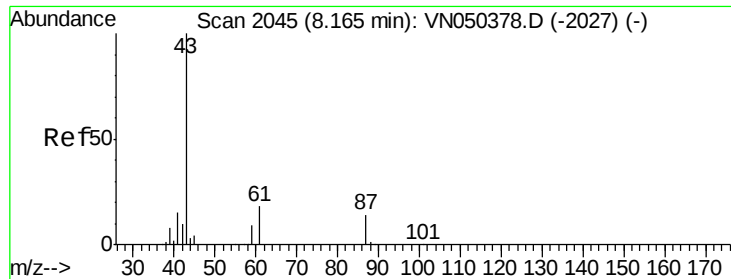
#35
 Dibromofluoromethane
 Concen: 47.61 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050580.D
 Acq: 13 Aug 2018 20:04

Tgt Ion:113 Resp: 413520
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.6 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



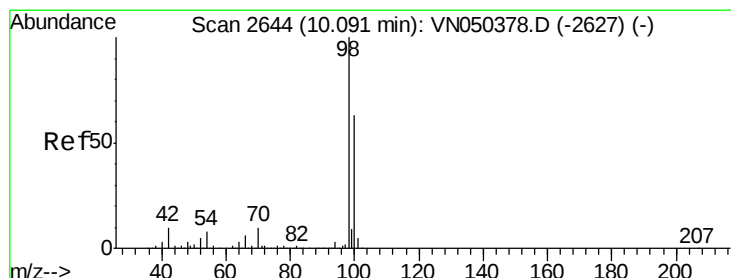
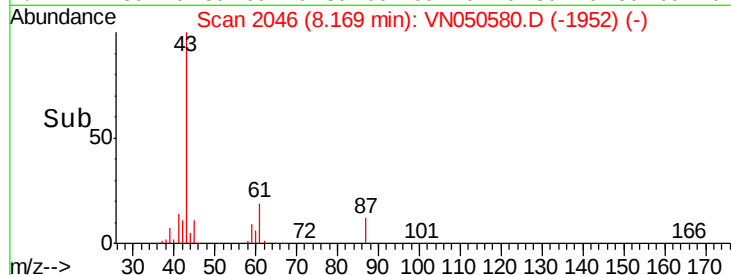
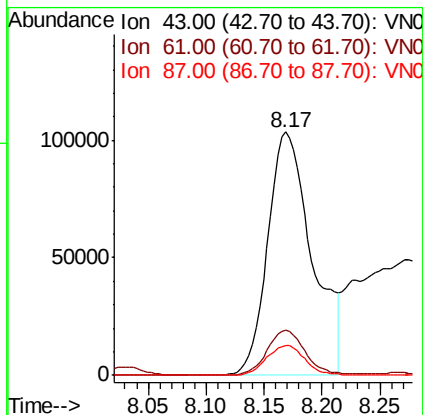
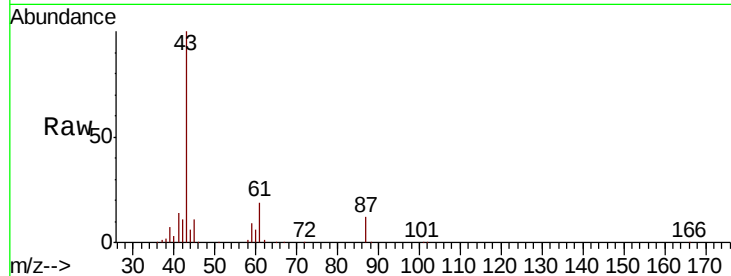


#43

Isopropyl Acetate
 Concen: 18.65 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050580.D
 Acq: 13 Aug 2018 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#13

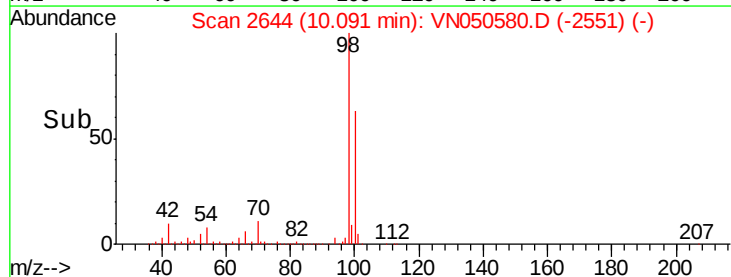
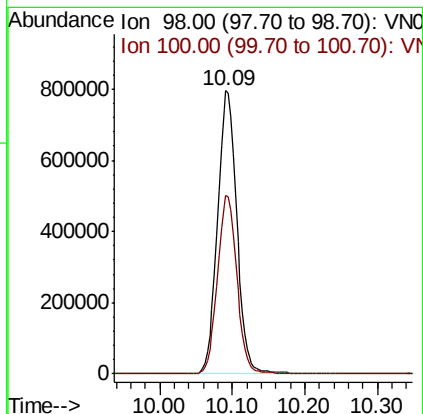
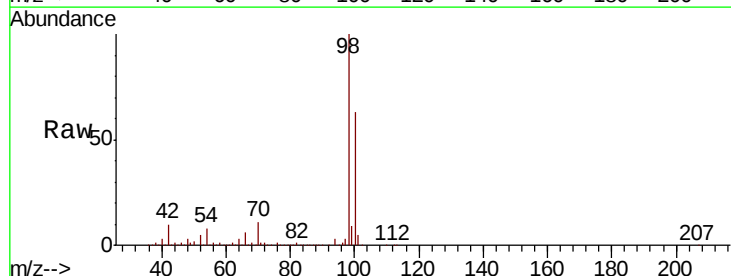
Tot Ion	43	Resp	275730
Ion Ratio	Lower	Upper	
43	100		
61	15.9	15.8	23.6
87	10.6	10.3	15.5

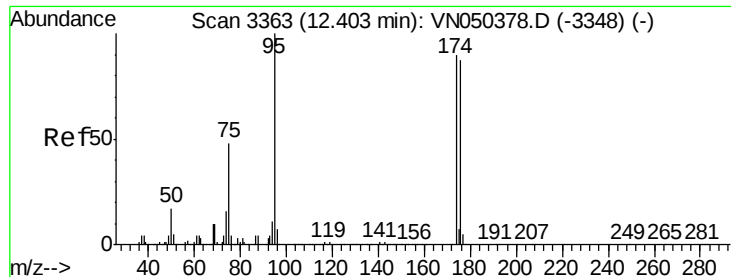


#50

Toluene-d8
 Concen: 44.89 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN050580.D
 Acq: 13 Aug 2018 20:04

Tgt Ion	98	Resp	1466065
Ion Ratio	Lower	Upper	
98	100		
100	63.4	50.7	76.1

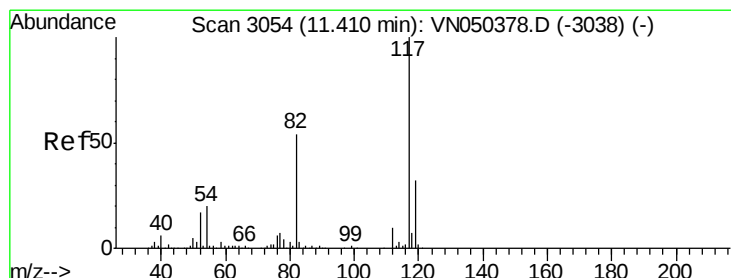
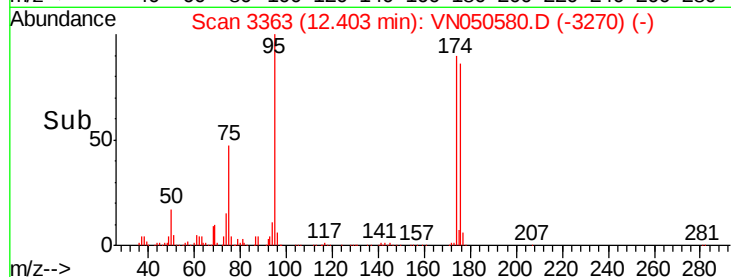
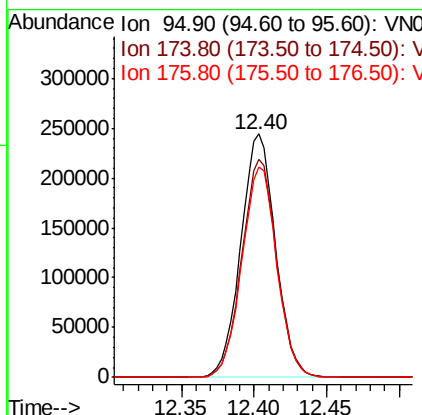
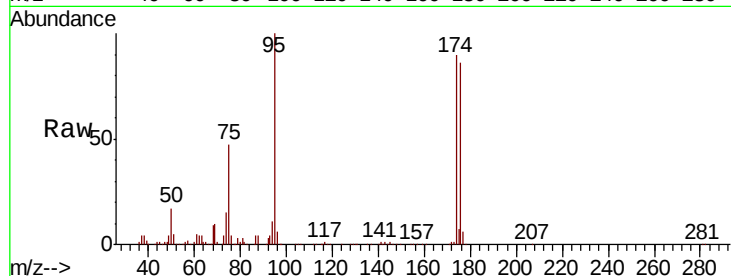




#62
4-Bromofluorobenzene
Concen: 36.41 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050580.D
Acq: 13 Aug 2018 20:04

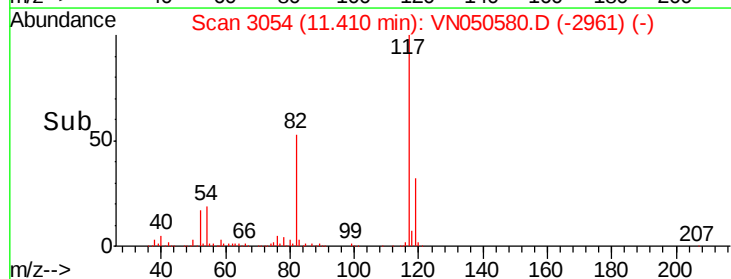
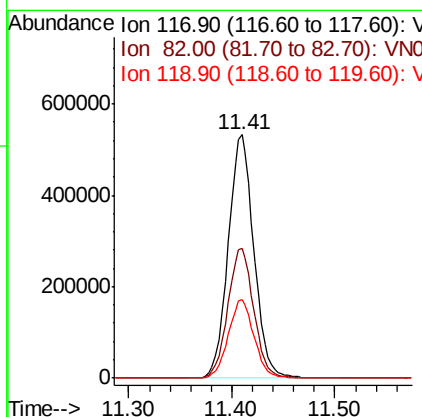
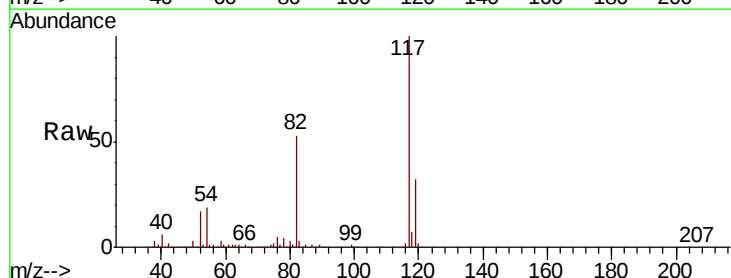
Instrument :
MSVOA_N
ClientSampleId :
PB111961ZHE#13

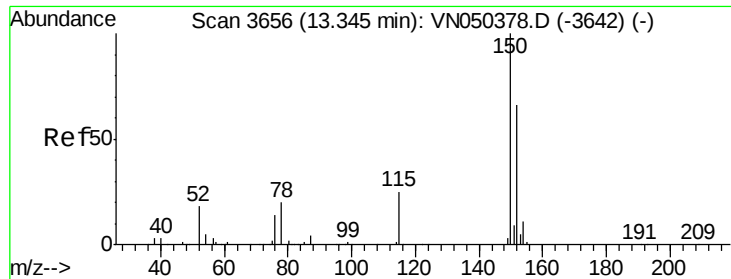
Tot Ion: 95 Resp: 405270
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 87.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050580.D
Acq: 13 Aug 2018 20:04

Tgt Ion: 117 Resp: 920686
Ion Ratio Lower Upper
117 100
82 53.5 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: VN050580.D

Acq: 13 Aug 2018 20:04

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#13

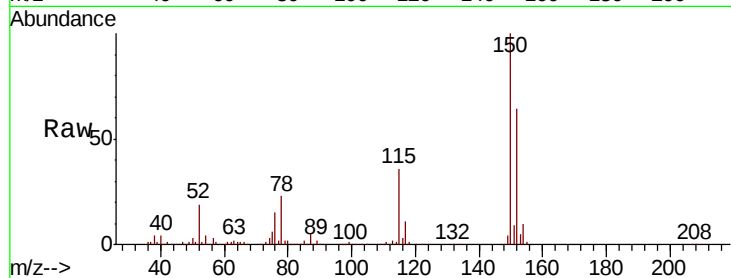
Tot Ion:152 Resp: 335164

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

150 156.6 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

