

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050579.D
 Acq On : 13 Aug 2018 19:40
 Operator : MD\SY
 Sample : PB111961ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#12

Quant Time: Aug 14 02:17:07 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

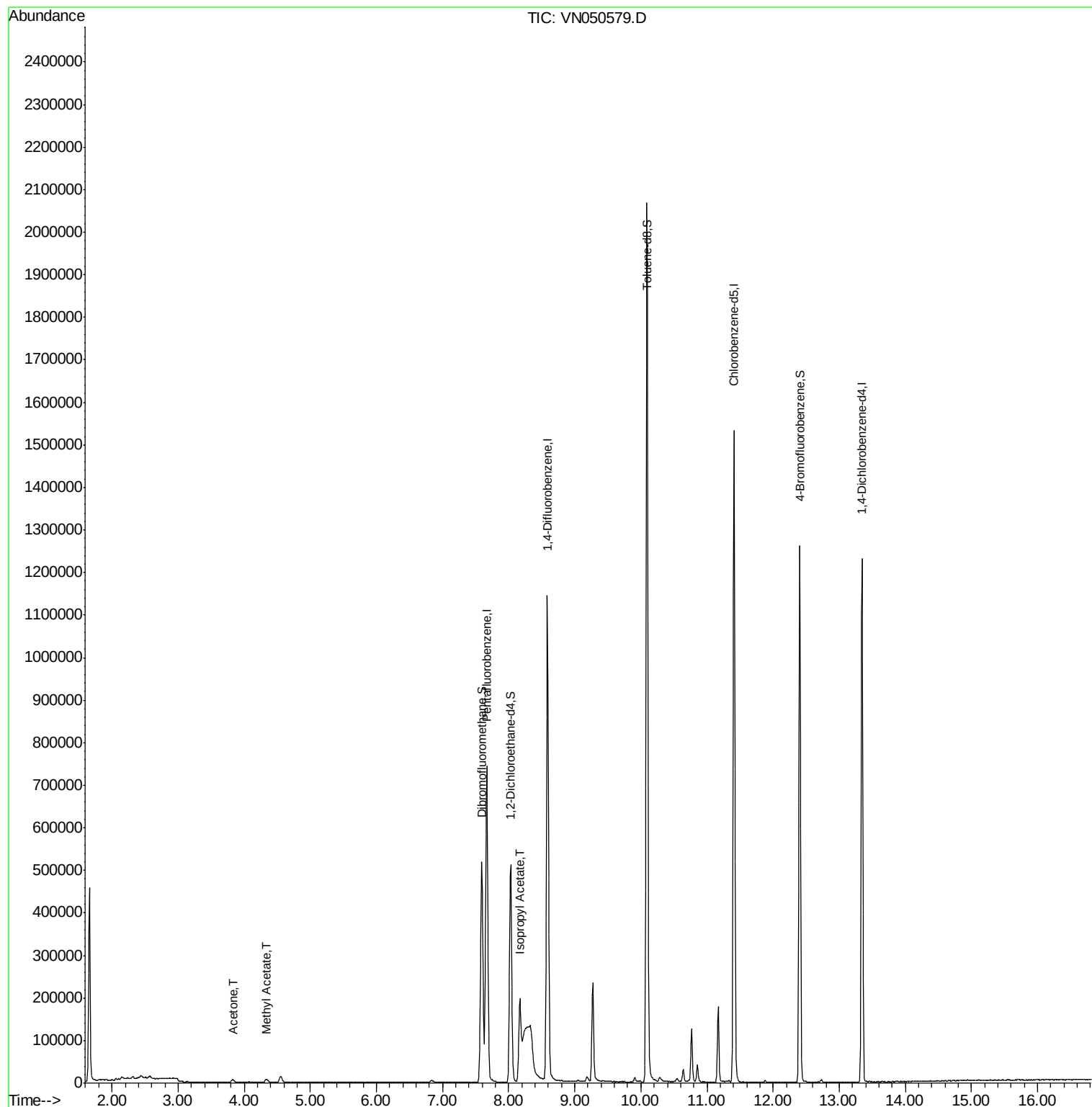
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	636678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1068170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	934105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438154	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
35) Dibromofluoromethane	7.59	113	404366	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	10.09	98	1472974	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
62) 4-Bromofluorobenzene	12.40	95	418359	38.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.18%	
Target Compounds						
16) Acetone	3.82	43	13712	5.05	ug/l	97
18) Methyl Acetate	4.33	43	16705	2.35	ug/l #	67
43) Isopropyl Acetate	8.17	43	253790	17.39	ug/l	95

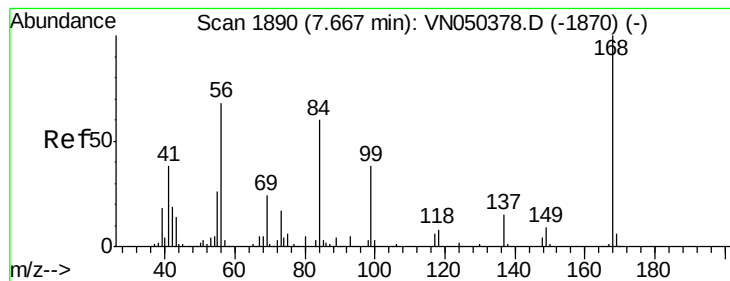
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050579.D

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MSVOA_N

ClientSampleId :

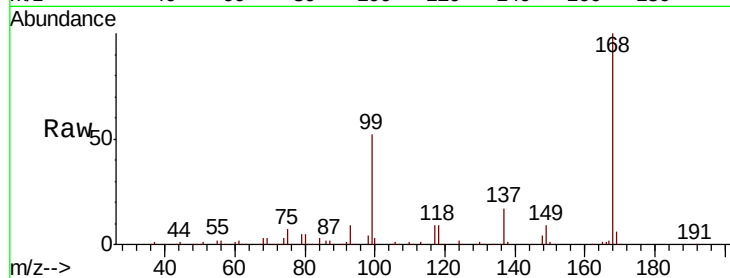
PB111961ZHE#12

Tot Ion:168 Resp: 636678

Ion Ratio Lower Upper

168 100

99 52.1 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

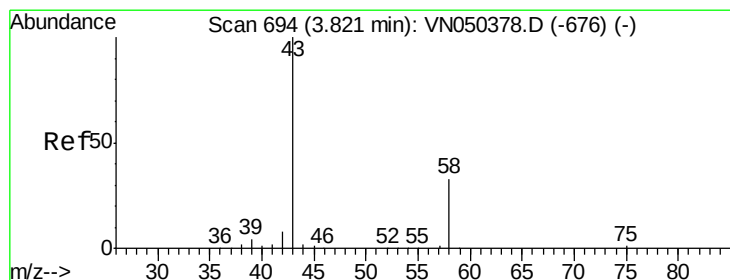
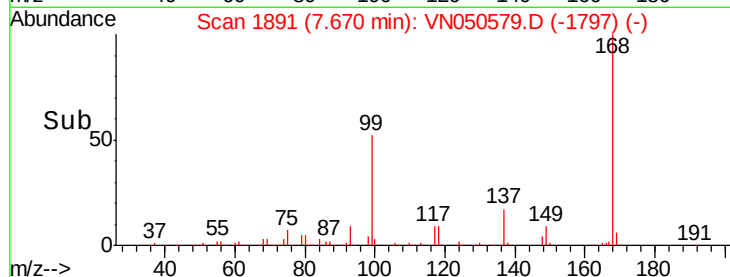
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.05 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050579.D

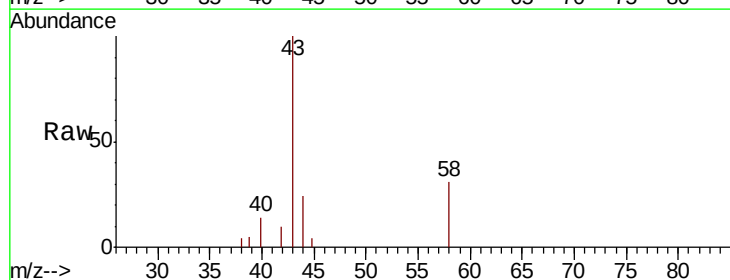
Acq: 13 Aug 2018 19:40

Tgt Ion: 43 Resp: 13712

Ion Ratio Lower Upper

43 100

58 30.7 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

5000

4000

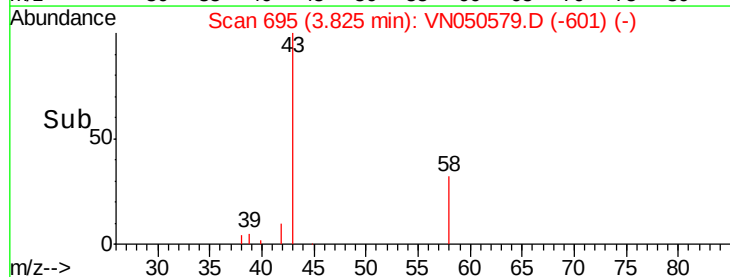
3000

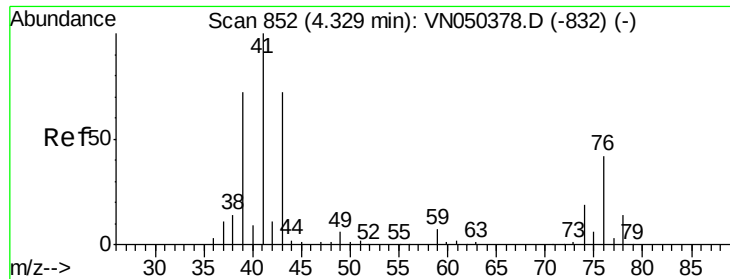
2000

1000

0

Time-->

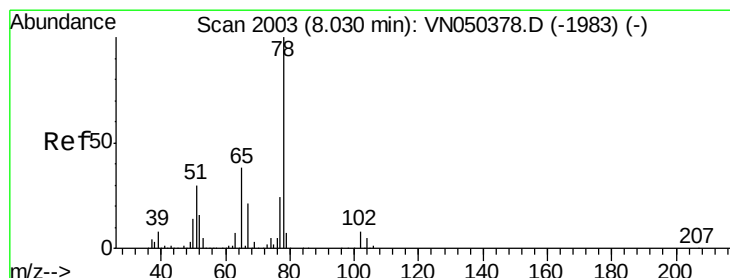
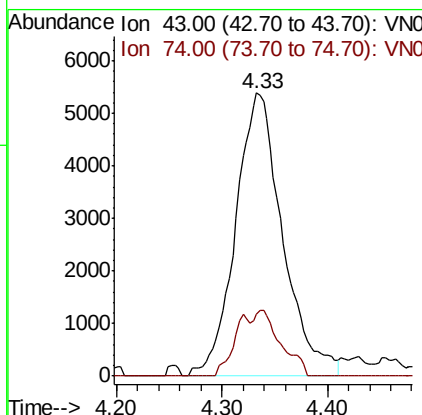
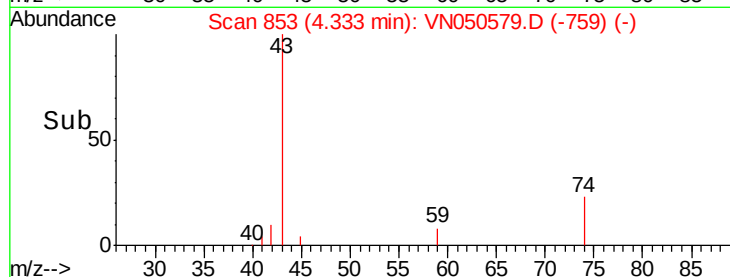
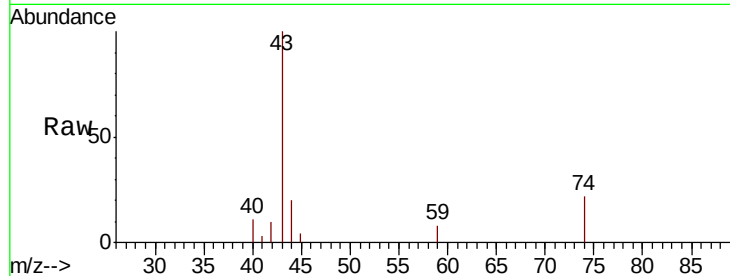




#18
Methvl Acetate
Concen: 2.35 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050579.D
Acq: 13 Aug 2018 19:40

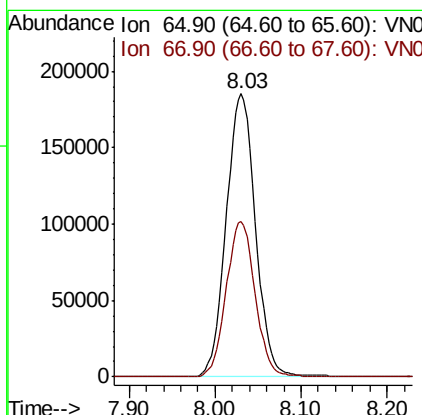
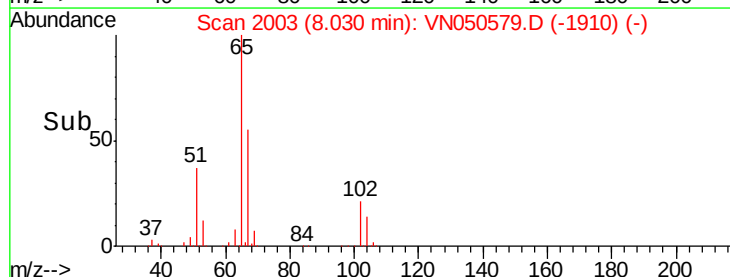
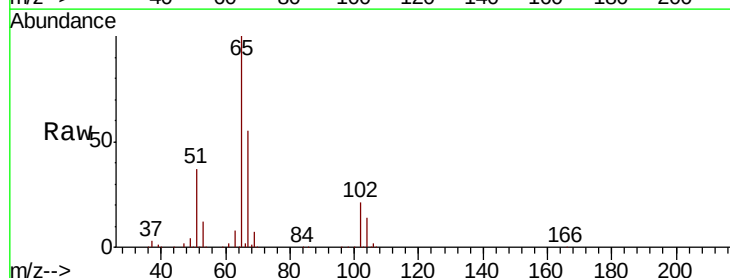
Instrument :
MSVOA_N
ClientSampleId :
PB111961ZHE#12

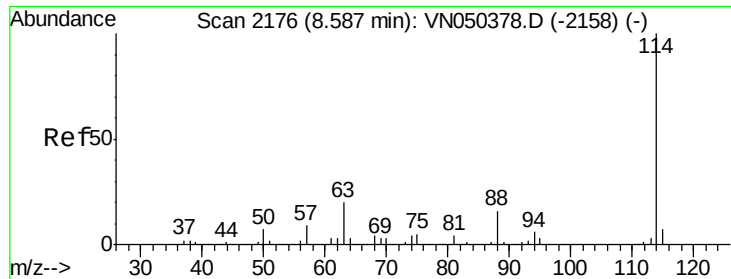
Tot Ion: 43 Resp: 16705
Ion Ratio Lower Upper
43 100
74 7.9 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: 51.51 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050579.D
Acq: 13 Aug 2018 19:40

Tgt Ion: 65 Resp: 438154
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.4

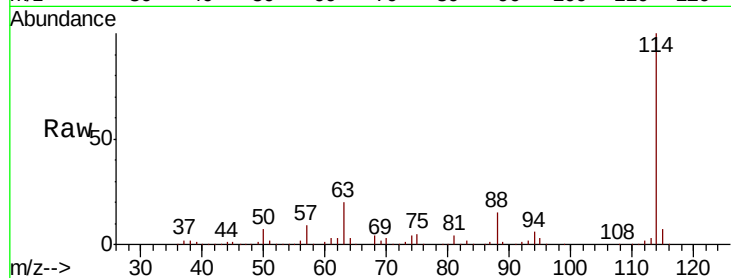




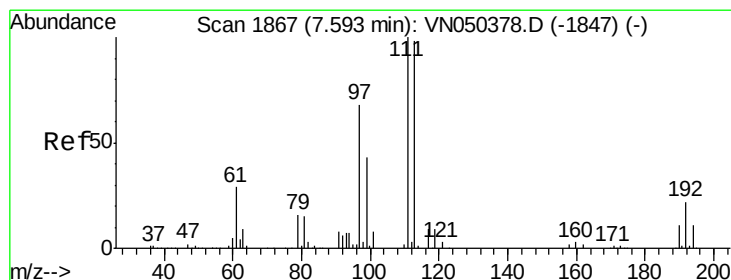
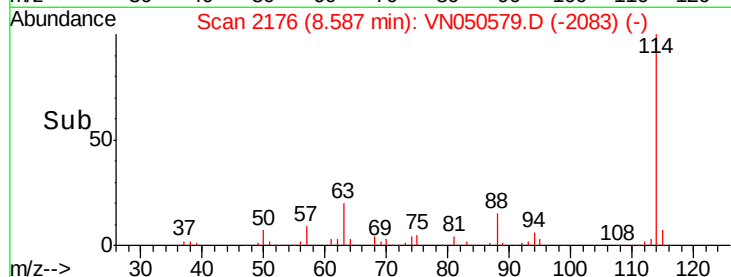
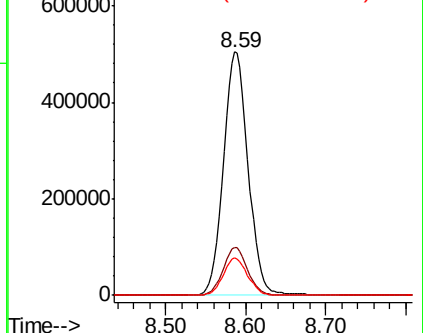
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050579.D
 Acq: 13 Aug 2018 19:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#12

Tot Ion:114 Resp: 1068170
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.3 0.0 31.2

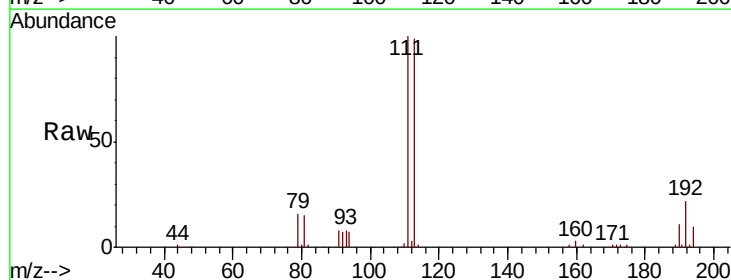


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

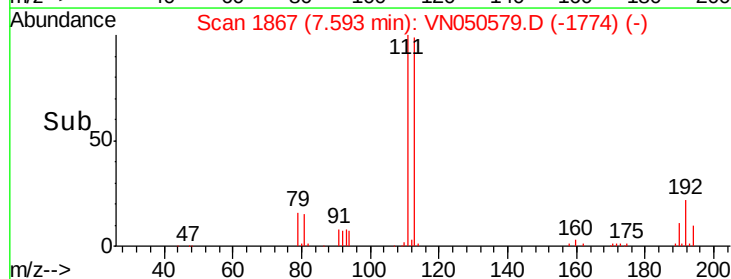
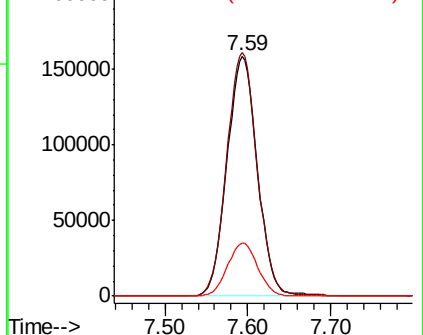


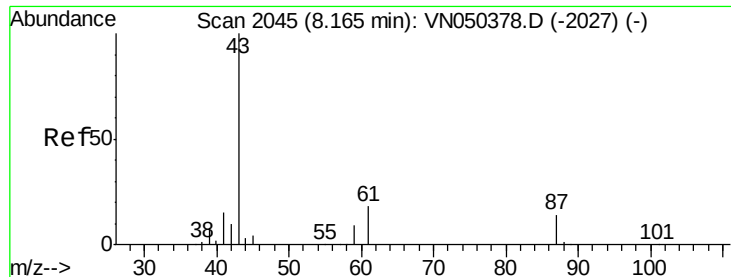
#35
 Dibromofluoromethane
 Concen: 47.18 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050579.D
 Acq: 13 Aug 2018 19:40

Tgt Ion:113 Resp: 404366
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 22.2 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: 17.39 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050579.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#12

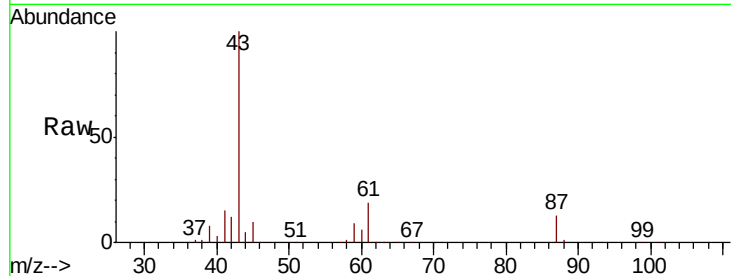
Tot Ion: 43 Resp: 253790

Ion Ratio Lower Upper

43 100

61 17.2 15.8 23.6

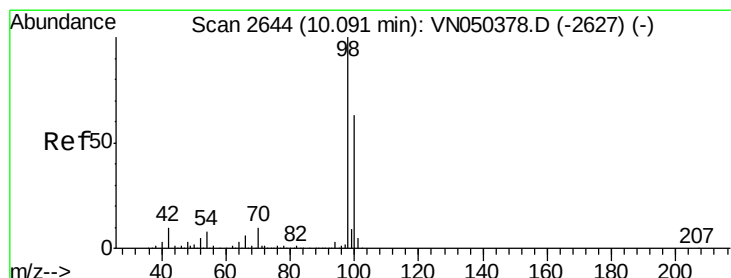
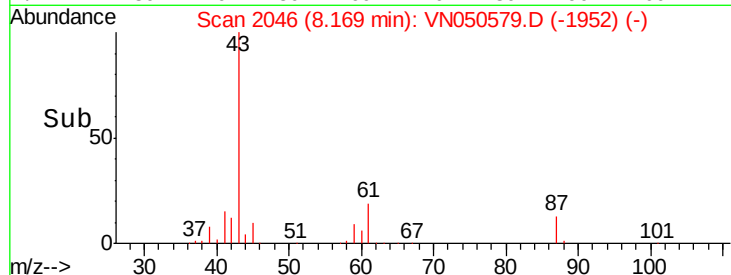
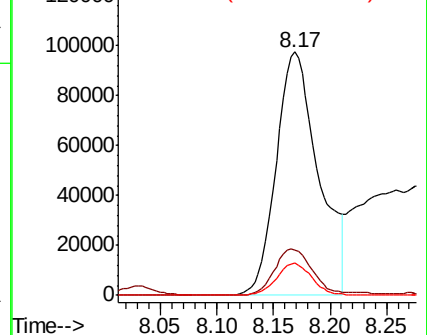
87 11.1 10.3 15.5



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: 45.71 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050579.D

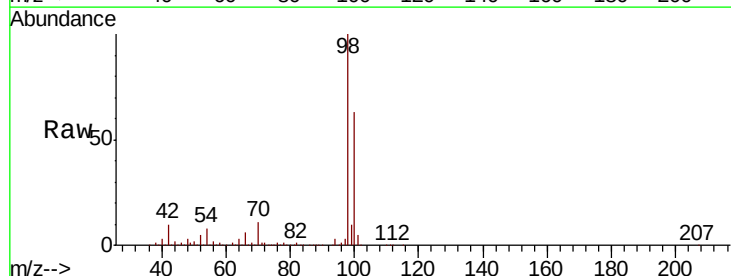
Acq: 13 Aug 2018 19:40

Tgt Ion: 98 Resp: 1472974

Ion Ratio Lower Upper

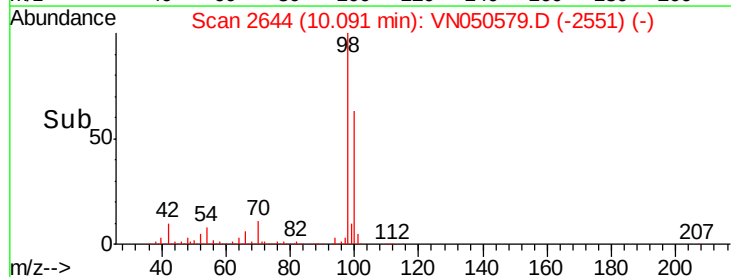
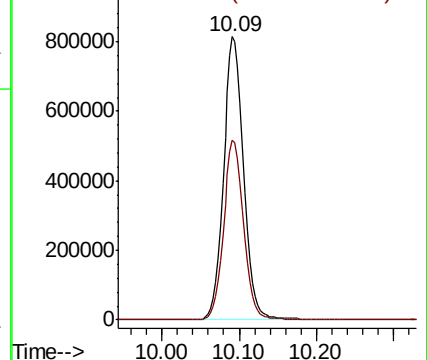
98 100

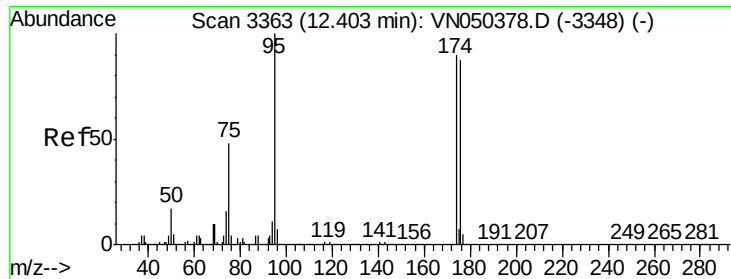
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

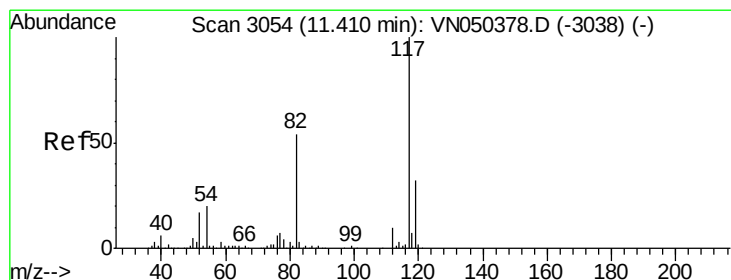
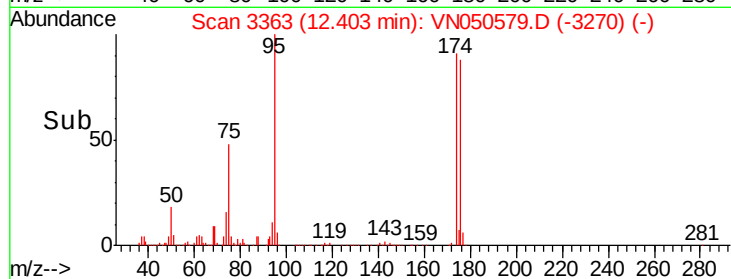
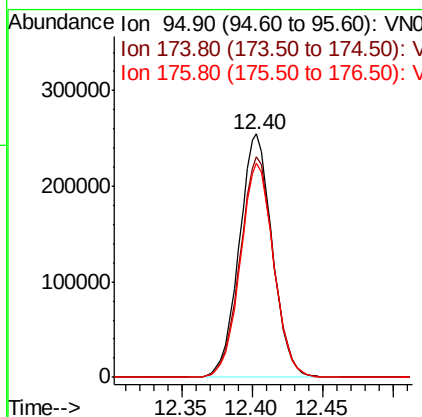
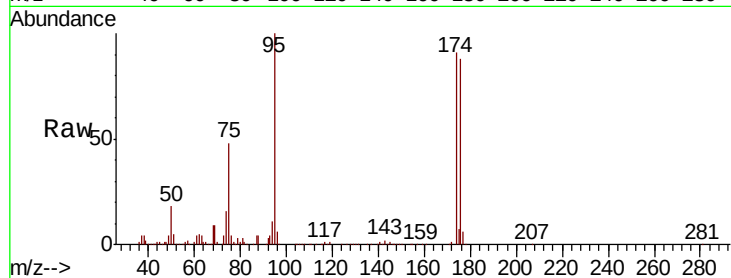




#62
4-Bromofluorobenzene
Concen: 38.09 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050579.D
Acq: 13 Aug 2018 19:40

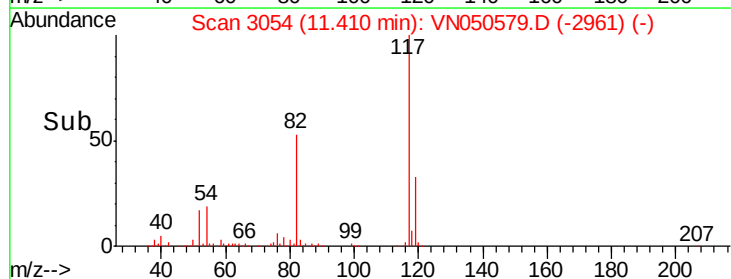
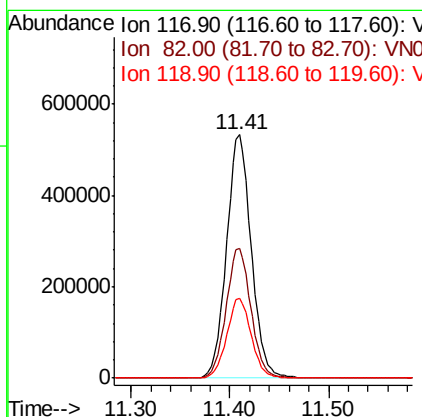
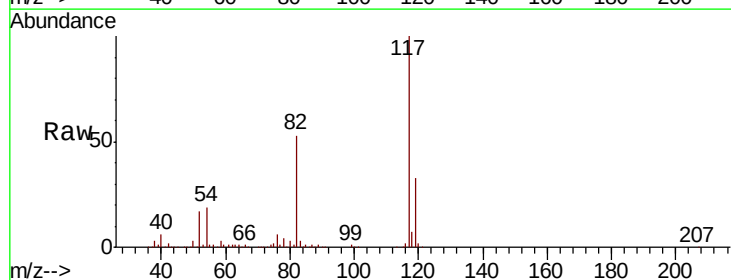
Instrument :
MSVOA_N
ClientSampleId :
PB111961ZHE#12

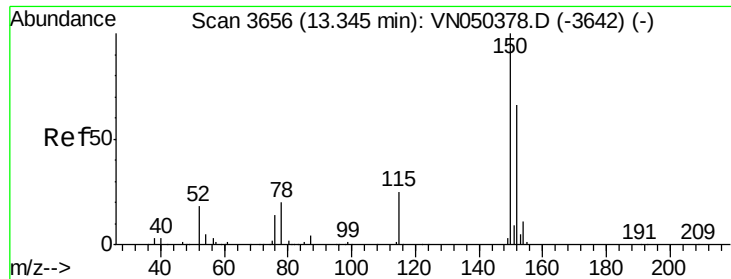
Tot Ion: 95 Resp: 418359
Ion Ratio Lower Upper
95 100
174 91.6 0.0 178.2
176 88.7 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050579.D
Acq: 13 Aug 2018 19:40

Tgt Ion: 117 Resp: 934105
Ion Ratio Lower Upper
117 100
82 53.3 43.7 65.5
119 32.8 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: VN050579.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#12

Tot Ion:152 Resp: 347990

Ion Ratio Lower Upper

152 100

115 57.1 27.8 83.3

150 158.4 0.0 348.6

