

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050576.D
 Acq On : 13 Aug 2018 18:26
 Operator : MD\SY
 Sample : PB111961ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#09

Quant Time: Aug 14 02:11:09 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

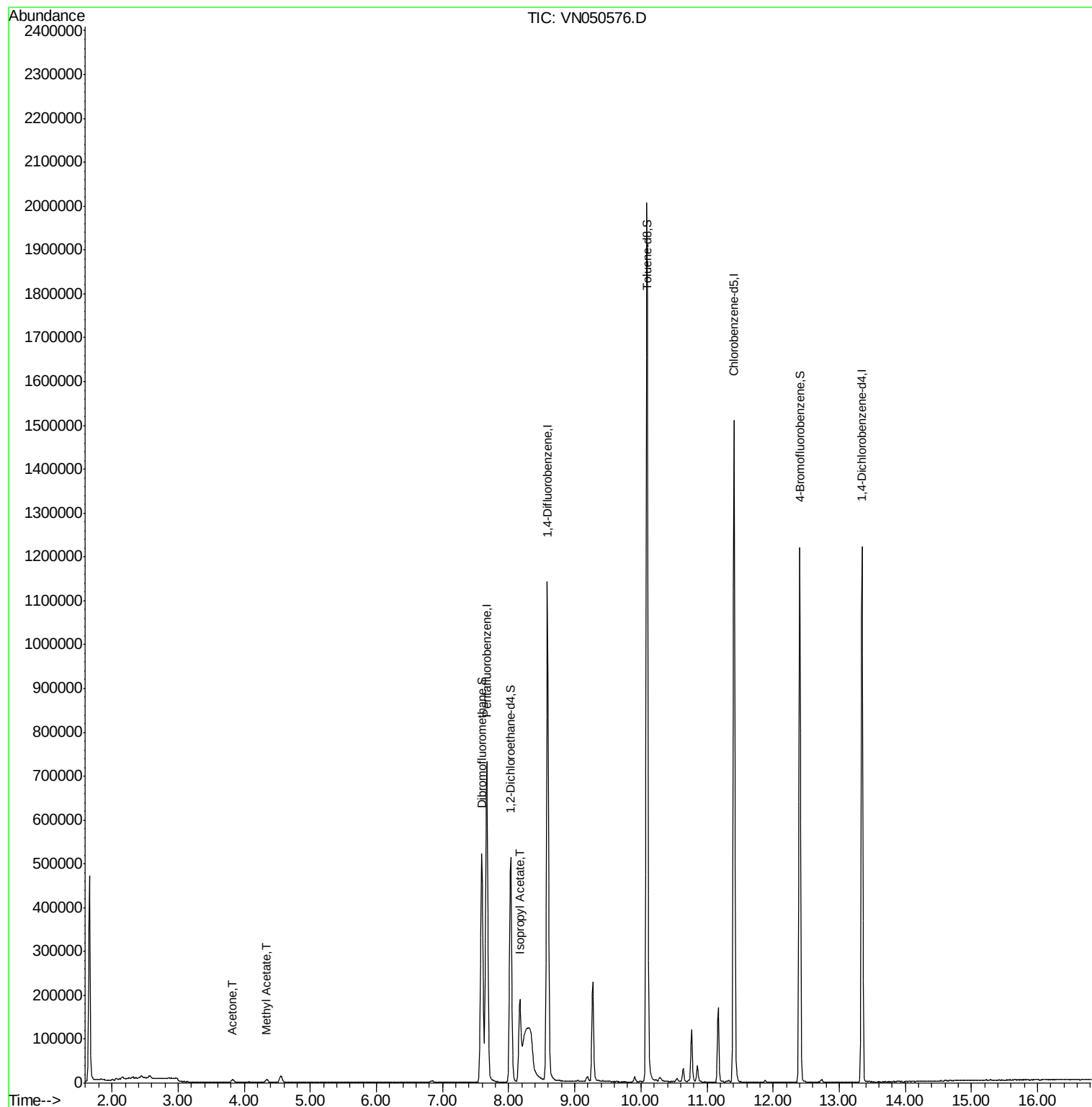
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1055585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	916306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	344377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438389	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
35) Dibromofluoromethane	7.59	113	406712	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	10.09	98	1435569	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
62) 4-Bromofluorobenzene	12.40	95	408259	37.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.22%	
Target Compounds						
16) Acetone	3.83	43	12459	4.62	ug/l	99
18) Methyl Acetate	4.34	43	14439	2.03	ug/l #	87
43) Isopropyl Acetate	8.17	43	242096	16.79	ug/l	96

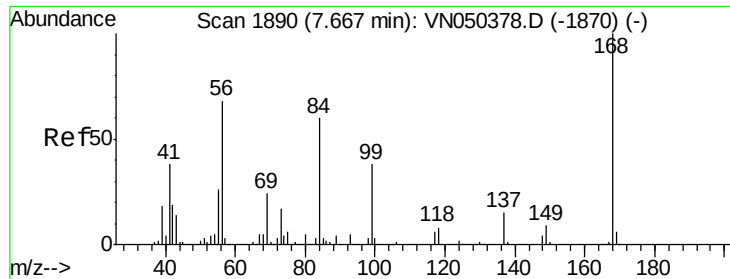
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050576.D

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ClientSampleId :

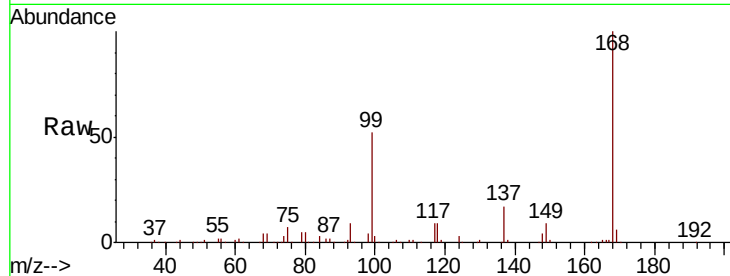
PB111961ZHE#09

Tot Ion:168 Resp: 628374

Ion Ratio Lower Upper

168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

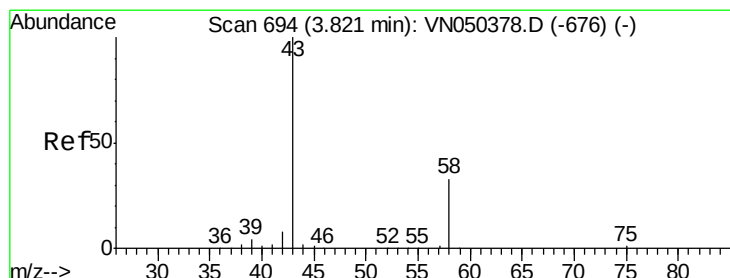
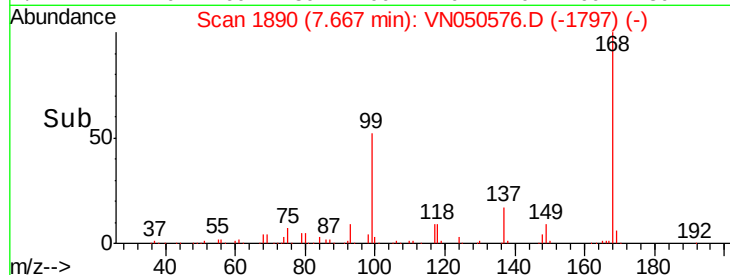
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.62 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050576.D

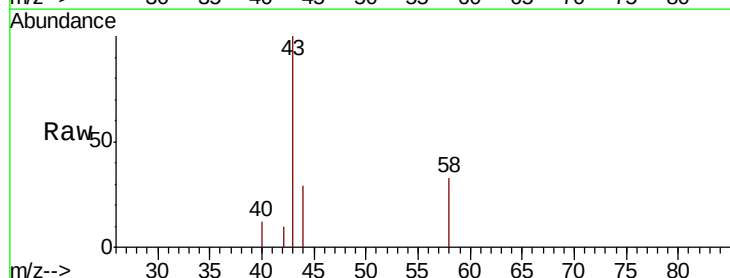
Acq: 13 Aug 2018 18:26

Tgt Ion: 43 Resp: 12459

Ion Ratio Lower Upper

43 100

58 33.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

5000

4000

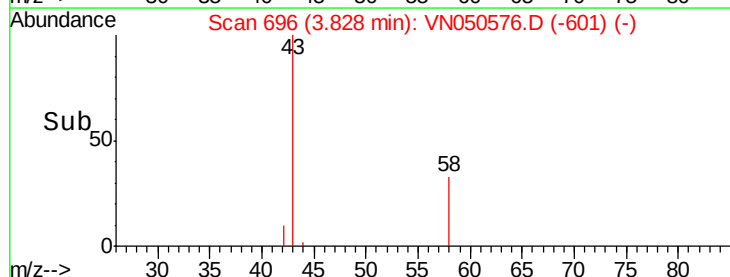
3000

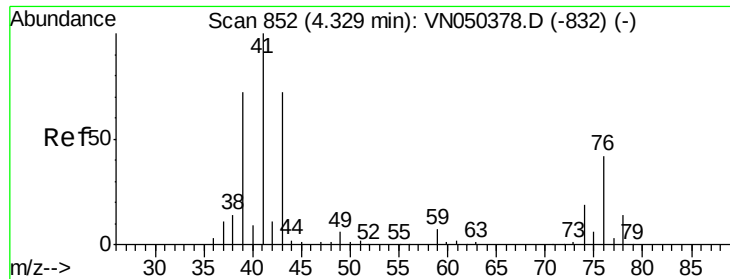
2000

1000

0

Time-->

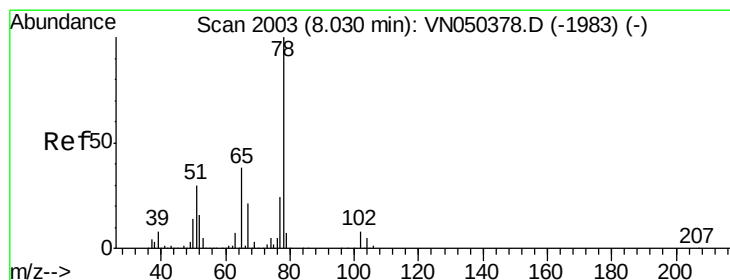
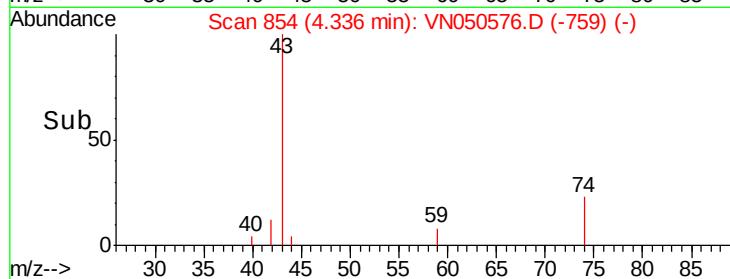
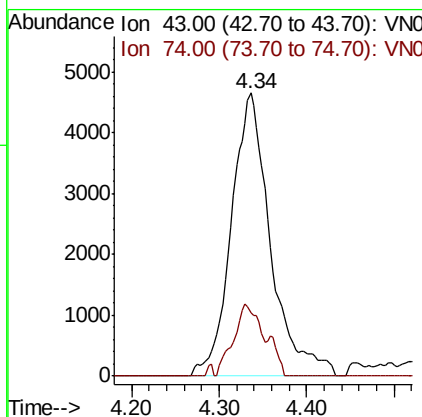
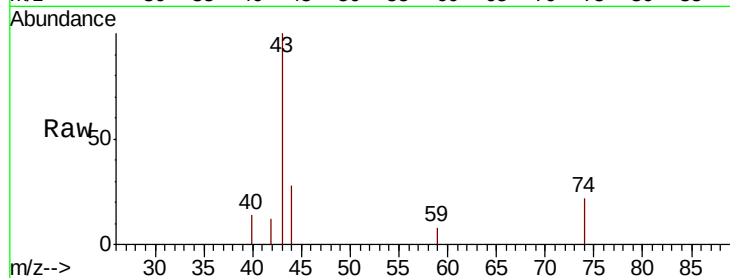




#18
Methyl Acetate
Concen: 2.03 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050576.D
Acq: 13 Aug 2018 18:26

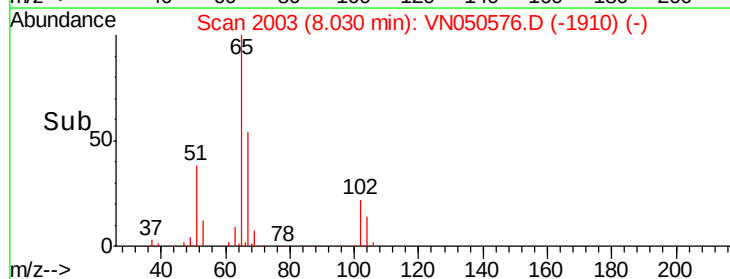
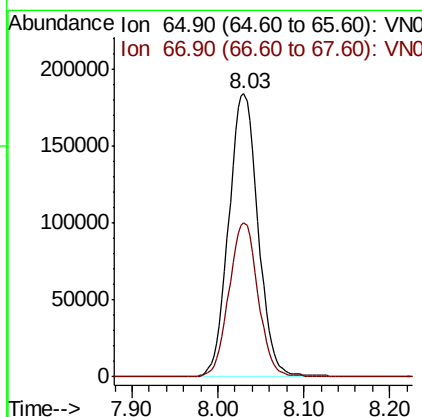
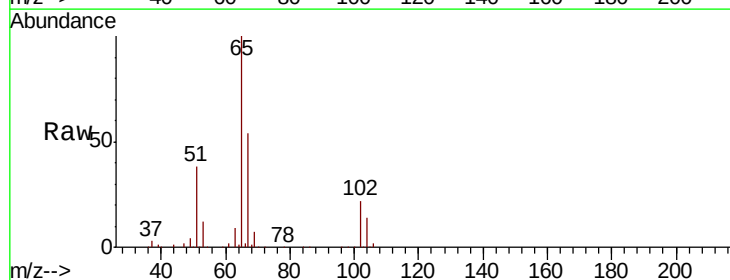
Instrument :
MSVOA_N
ClientSampleId :
PB111961ZHE#09

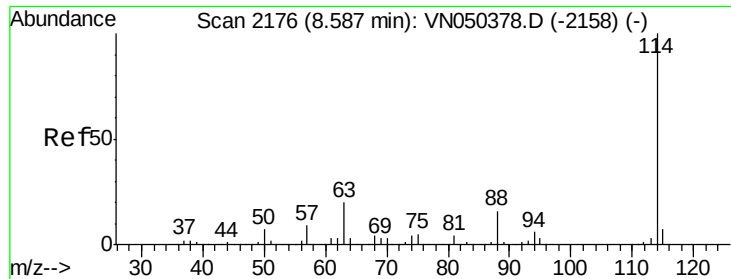
Tot Ion: 43 Resp: 14439
Ion Ratio Lower Upper
43 100
74 17.6 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: 52.22 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050576.D
Acq: 13 Aug 2018 18:26

Tgt Ion: 65 Resp: 438389
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.4



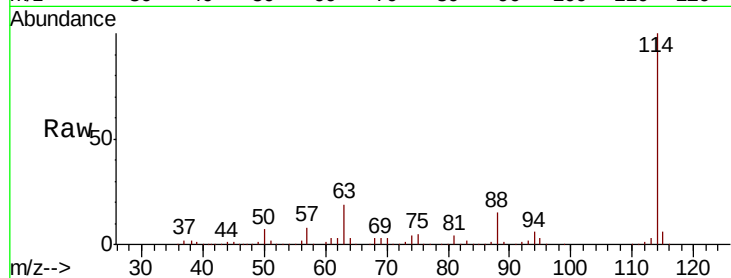


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050576.D
 Acq: 13 Aug 2018 18:26

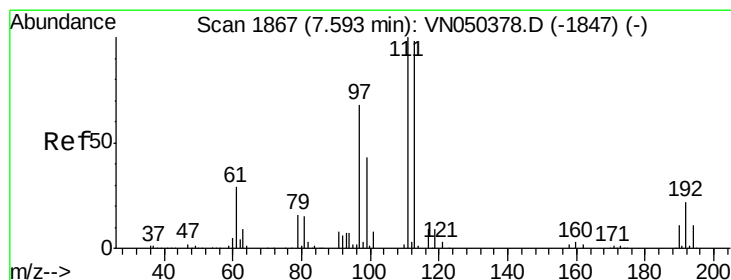
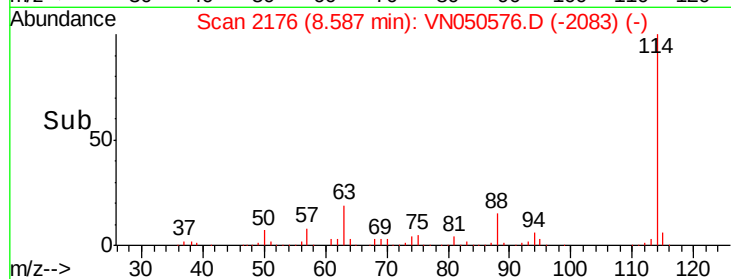
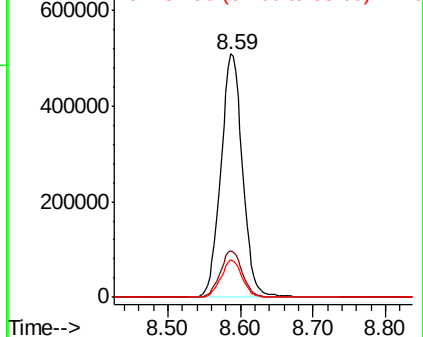
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#09

Tot Ion:114 Resp: 1055585

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.2	0.0	31.2



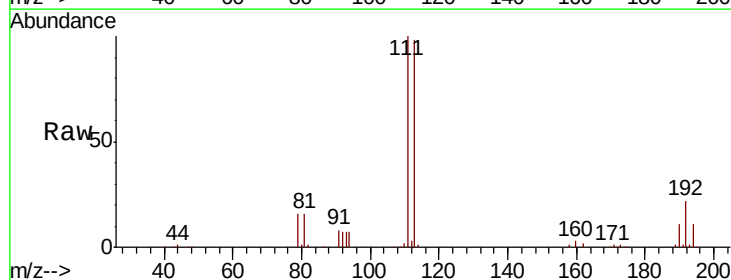
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



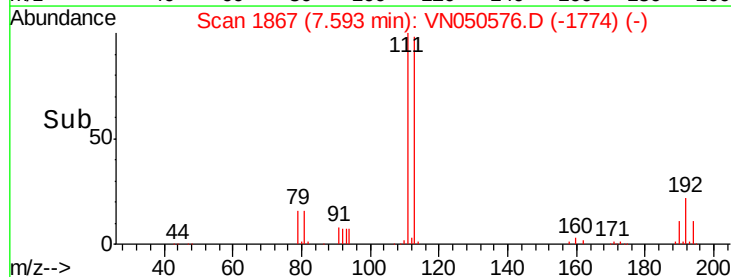
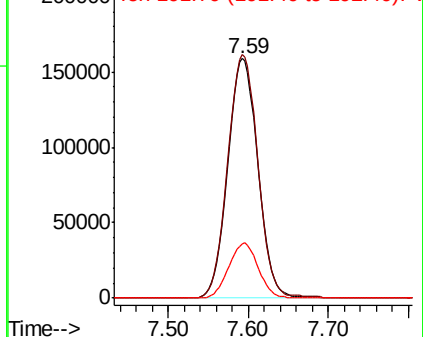
#35
 Dibromofluoromethane
 Concen: 48.02 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050576.D
 Acq: 13 Aug 2018 18:26

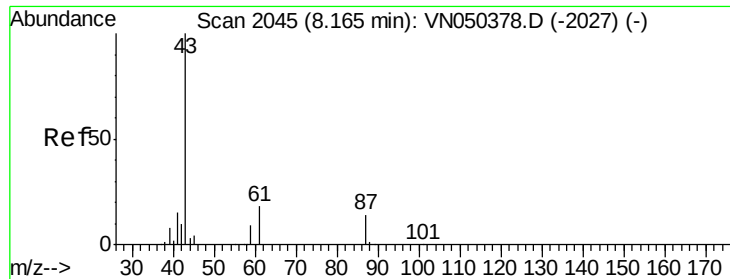
Tgt Ion:113 Resp: 406712

Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.7	121.1
192	22.5	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: 16.79 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050576.D

Acq: 13 Aug 2018 18:26

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#09

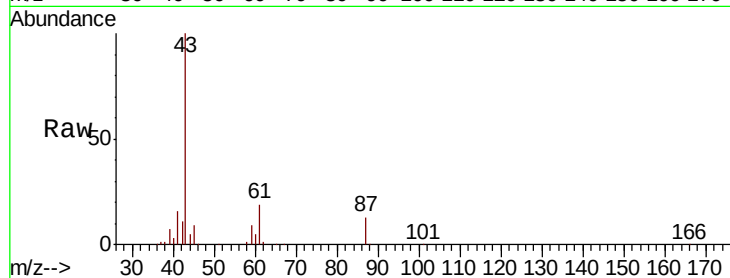
Tot Ion: 43 Resp: 242096

Ion Ratio Lower Upper

43 100

61 17.4 15.8 23.6

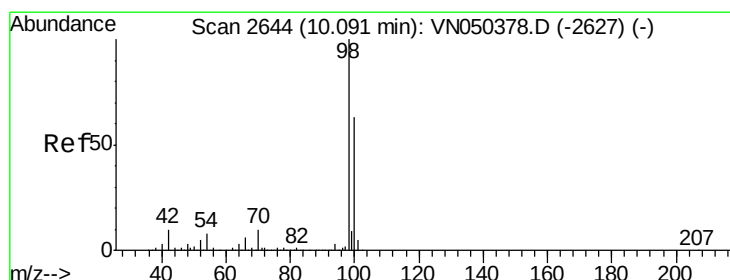
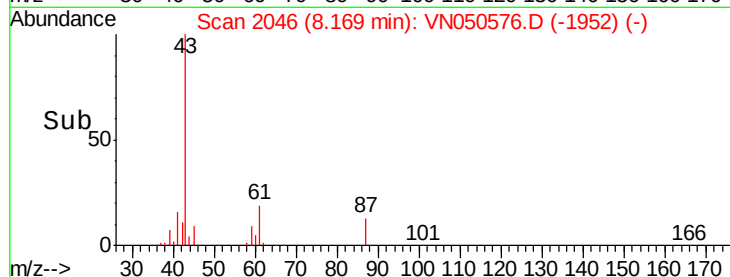
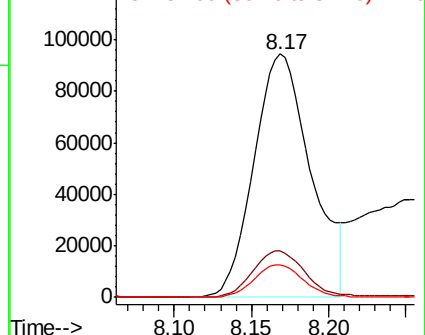
87 11.6 10.3 15.5



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: 45.08 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050576.D

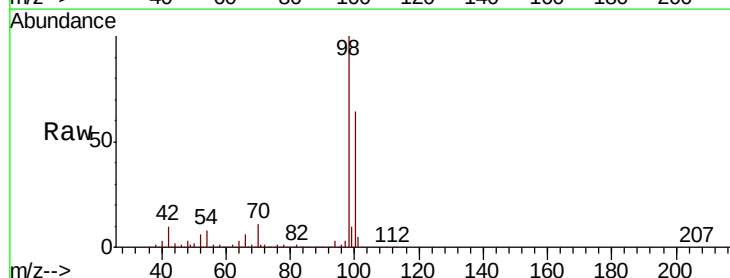
Acq: 13 Aug 2018 18:26

Tgt Ion: 98 Resp: 1435569

Ion Ratio Lower Upper

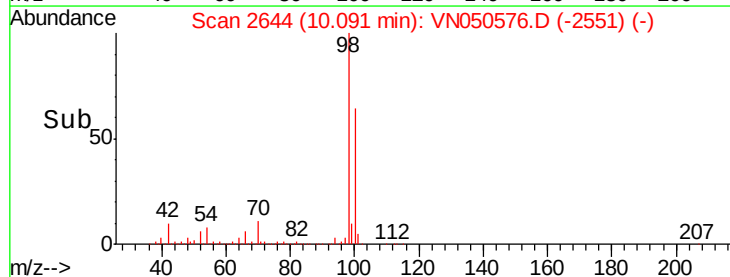
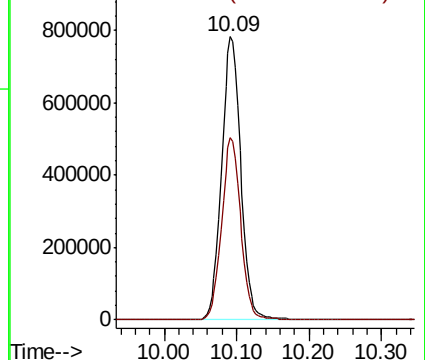
98 100

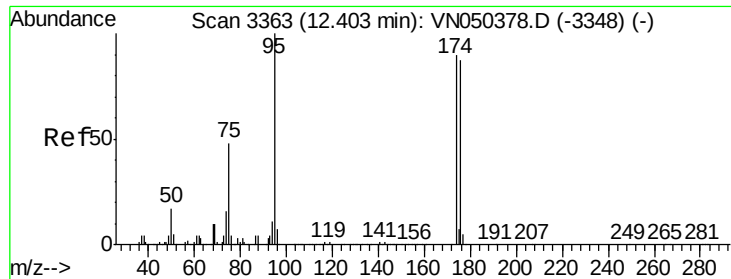
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

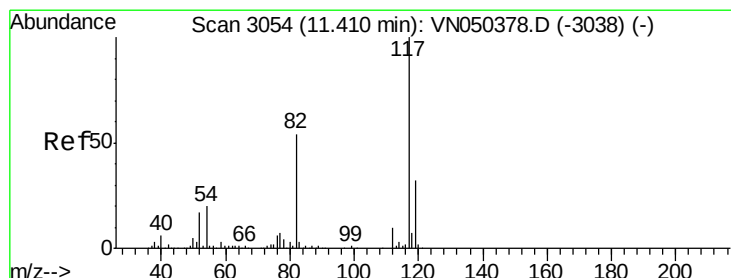
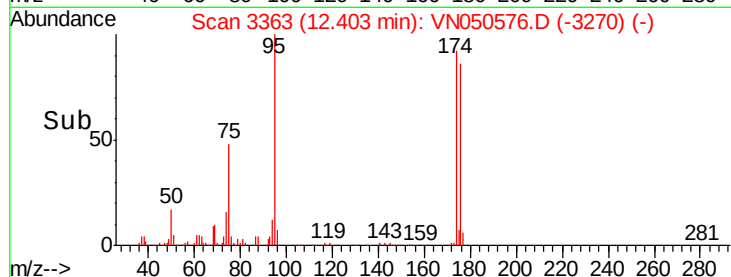
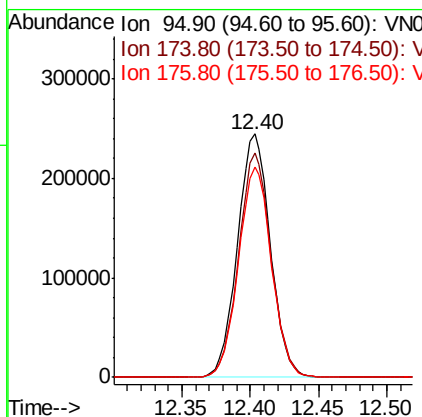
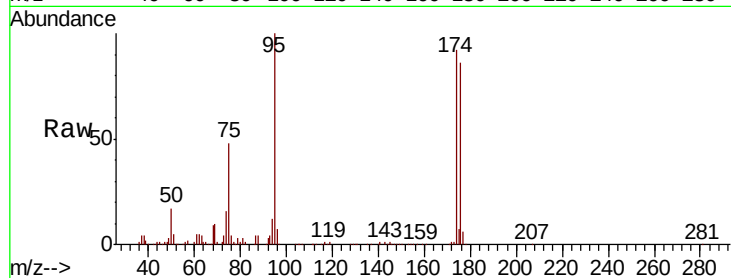




#62
4-Bromofluorobenzene
Concen: 37.61 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050576.D
Acq: 13 Aug 2018 18:26

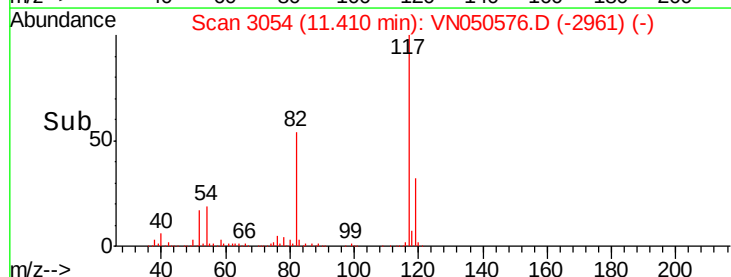
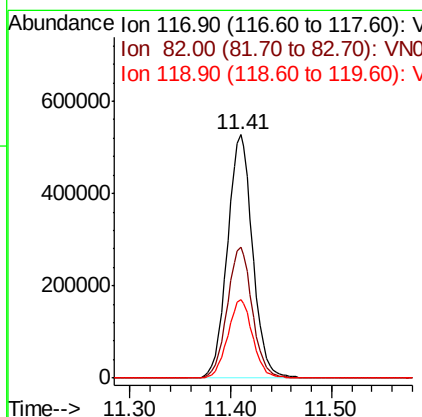
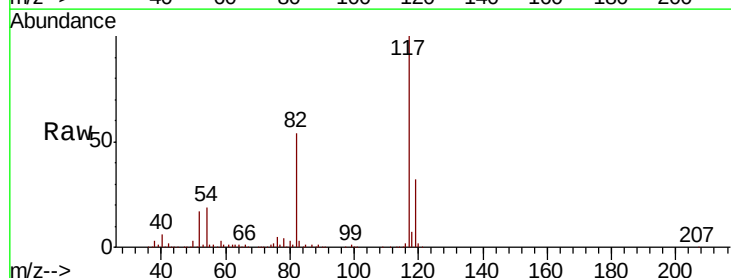
Instrument :
MSVOA_N
ClientSampleId :
PB111961ZHE#09

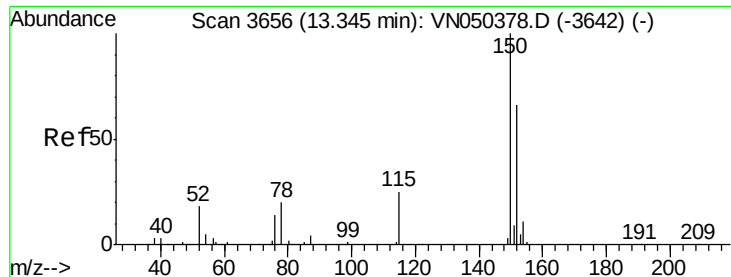
Tot Ion: 95 Resp: 408259
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 86.9 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050576.D
Acq: 13 Aug 2018 18:26

Tgt Ion: 117 Resp: 916306
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: VN050576.D

Acq: 13 Aug 2018 18:26

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#09

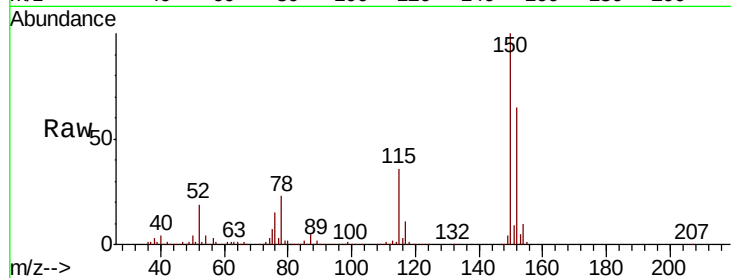
Tot Ion:152 Resp: 344377

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.3

150 156.3 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

