

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050059.D
 Acq On : 25 Jul 2018 22:14
 Operator : MD\SY
 Sample : PB111424ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#06

Quant Time: Jul 26 07:28:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

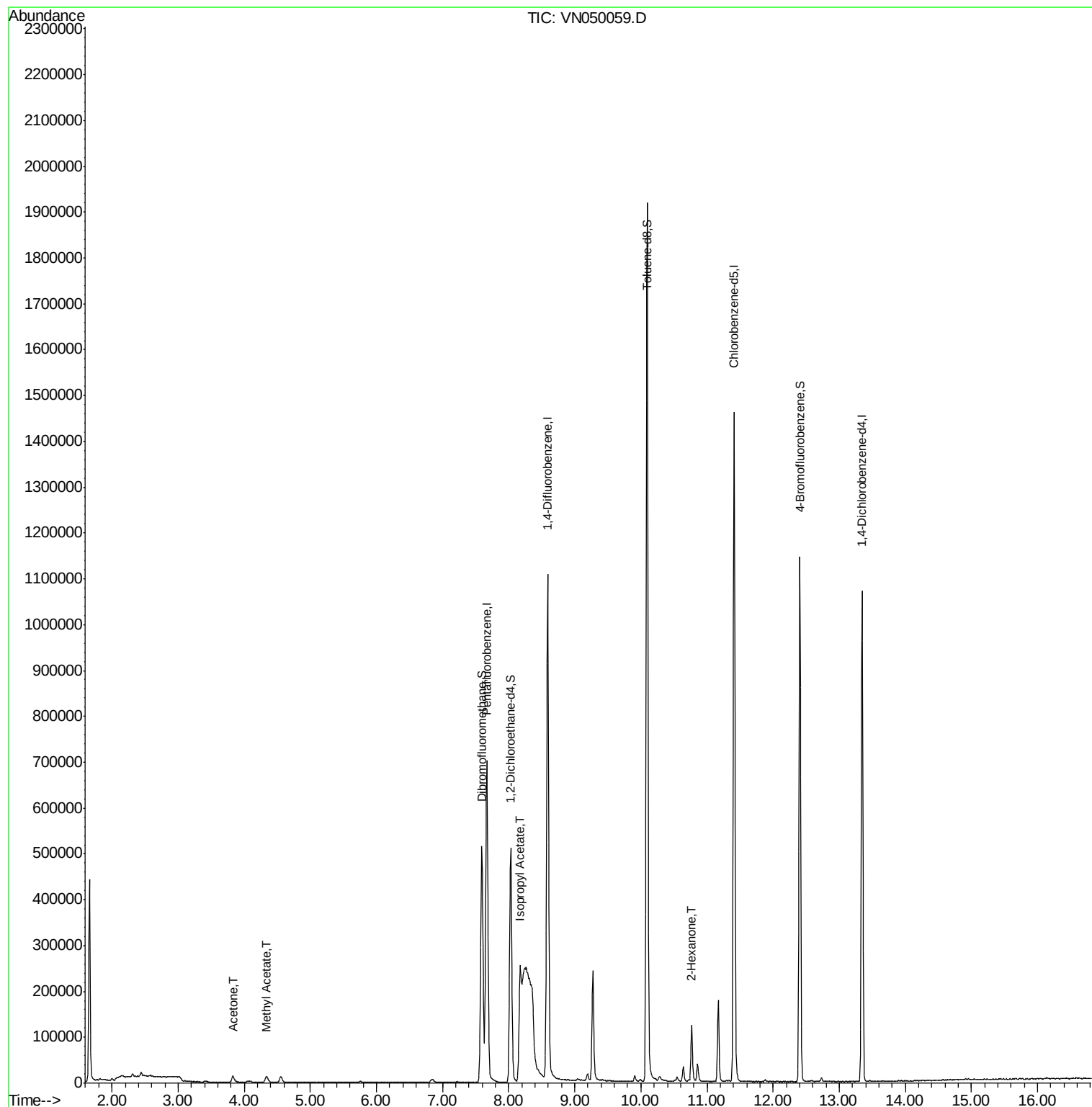
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	608442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1026322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	880551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	443943	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	7.60	113	394576	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	10.09	98	1389287	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
62) 4-Bromofluorobenzene	12.40	95	381246	37.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.16%	
Target Compounds						
16) Acetone	3.83	43	23964	7.78	ug/l	98
18) Methyl Acetate	4.34	43	24260	1.54	ug/l	97
43) Isopropyl Acetate	8.17	43	309994	19.71	ug/l #	89
59) 2-Hexanone	10.77	43	17984	8.20	ug/l #	60

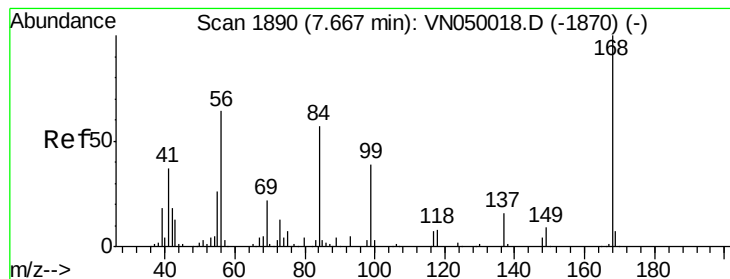
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050059.D

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MSVOA_N

ClientSampleId :

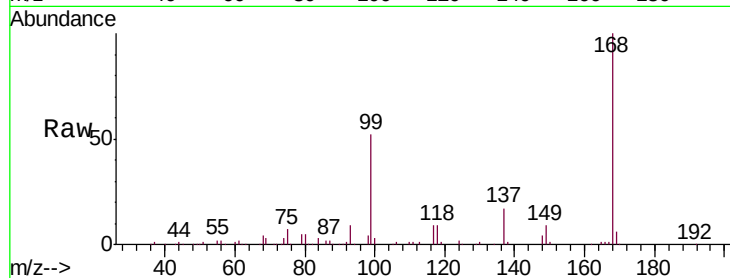
PB111424ZHE#06

Tot Ion:168 Resp: 608442

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): VN

7.67

250000

200000

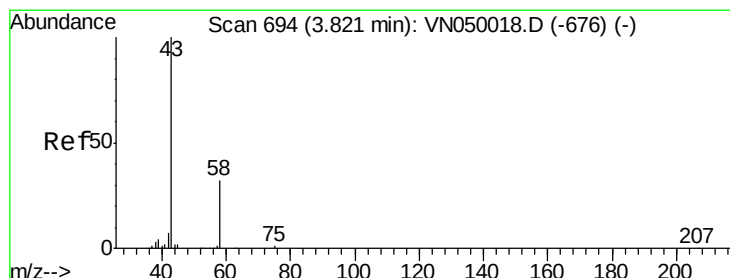
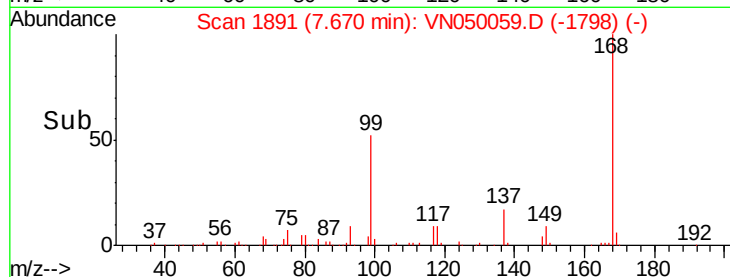
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.78 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050059.D

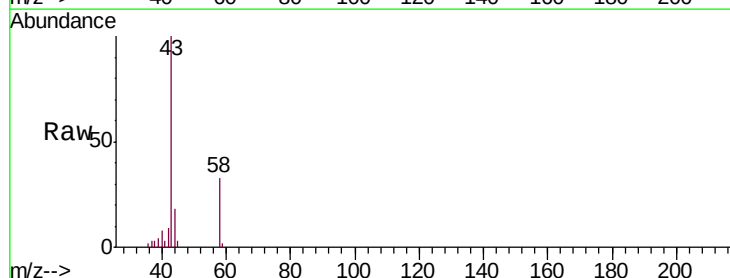
Acq: 25 Jul 2018 22:14

Tgt Ion: 43 Resp: 23964

Ion Ratio Lower Upper

43 100

58 33.3 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

10000

8000

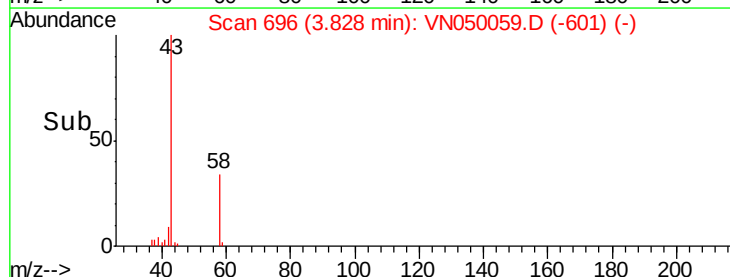
6000

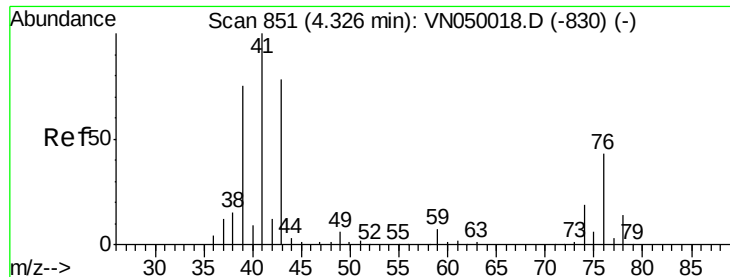
4000

2000

0

Time-->

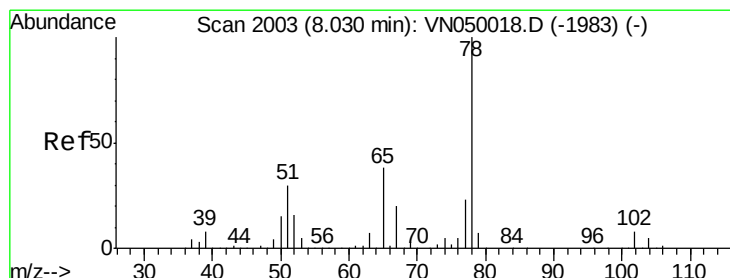
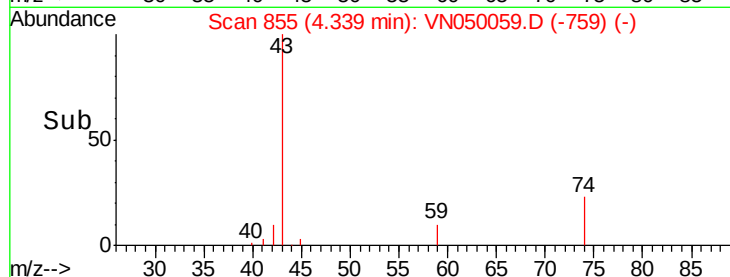
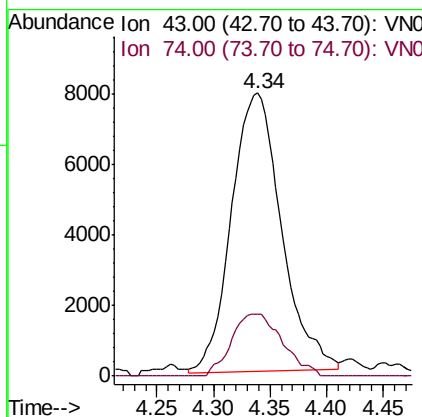
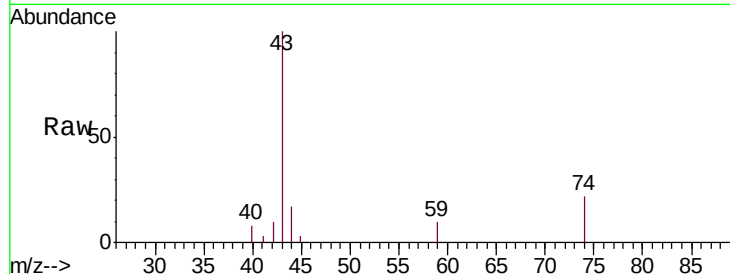




#18
Methvl Acetate
Concen: 1.54 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050059.D
Acq: 25 Jul 2018 22:14

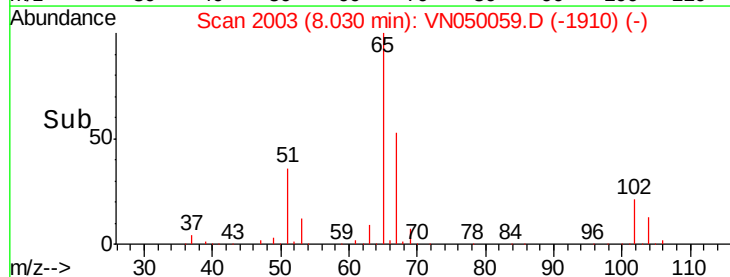
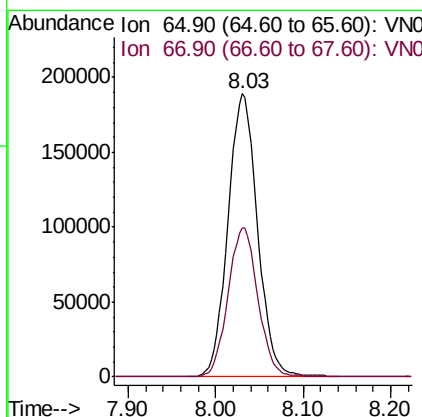
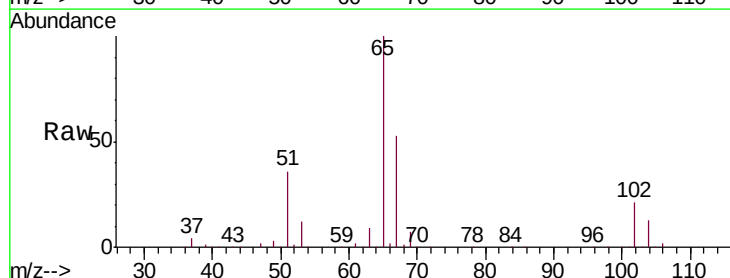
Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#06

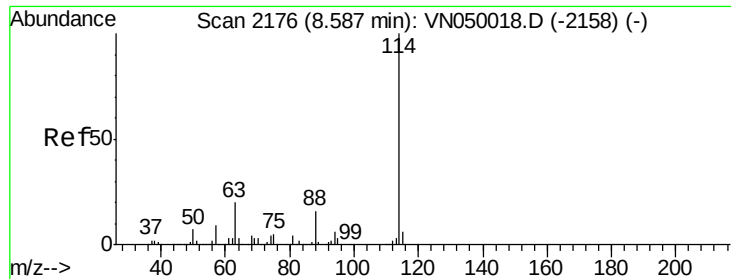
Tot Ion: 43 Resp: 24260
Ion Ratio Lower Upper
43 100
74 22.7 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 52.30 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050059.D
Acq: 25 Jul 2018 22:14

Tgt Ion: 65 Resp: 443943
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4

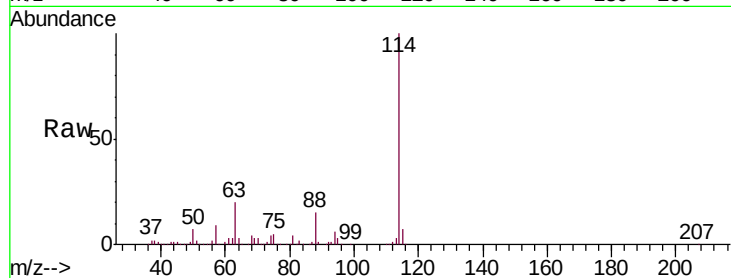




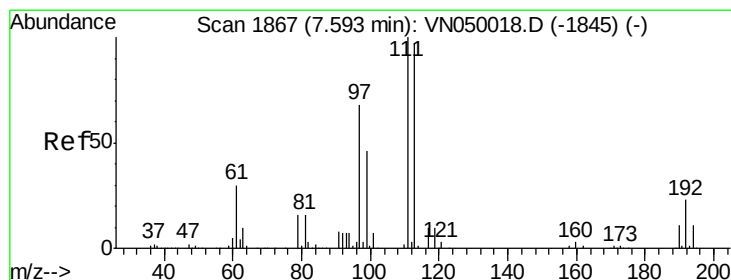
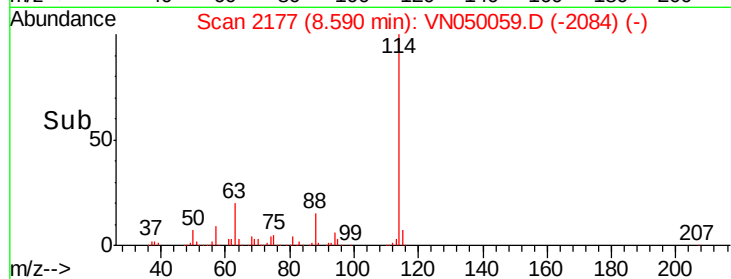
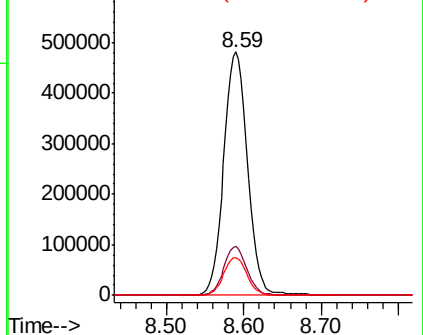
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050059.D
 Acq: 25 Jul 2018 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#06

Tot Ion:114 Resp: 1026322
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.4 0.0 31.2

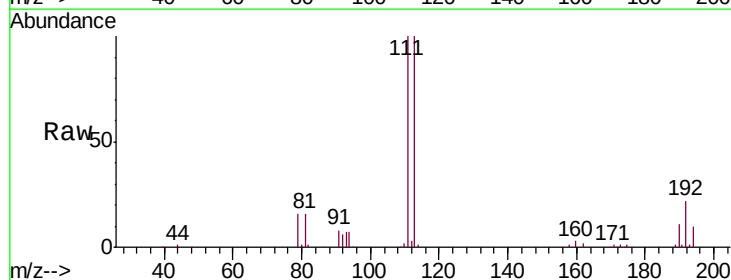


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

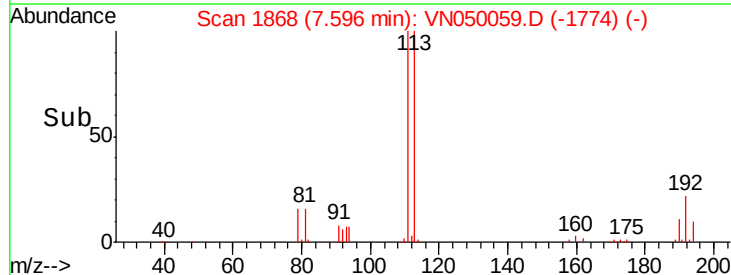
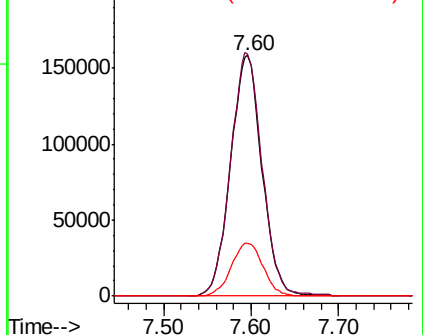


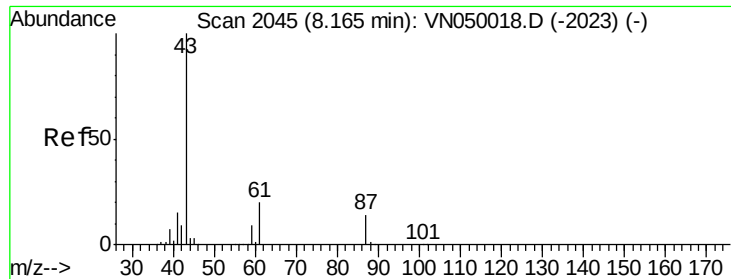
#35
 Dibromofluoromethane
 Concen: 47.09 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050059.D
 Acq: 25 Jul 2018 22:14

Tgt Ion:113 Resp: 394576
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.7 121.1
 192 22.4 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: 19.71 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050059.D

Acq: 25 Jul 2018 22:14

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#06

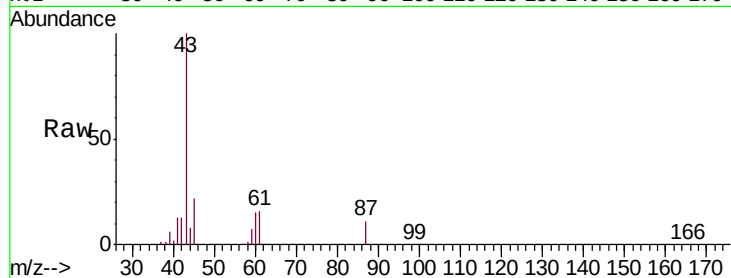
Tot Ion: 43 Resp: 309994

Ion Ratio Lower Upper

43 100

61 14.4 15.8 23.6#

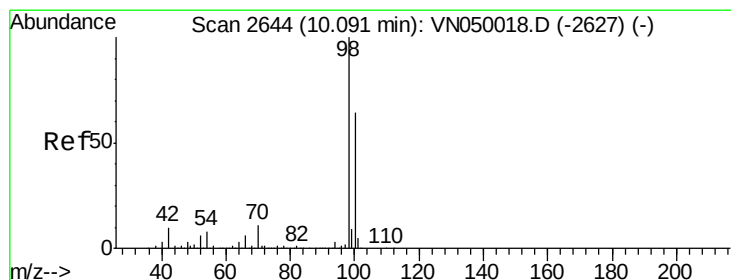
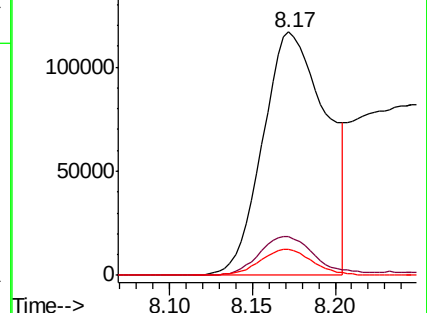
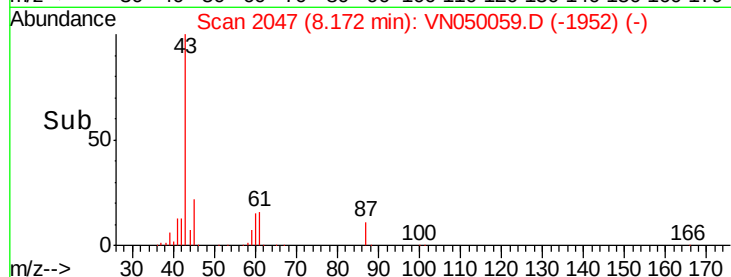
87 8.9 10.3 15.5#



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: 45.10 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050059.D

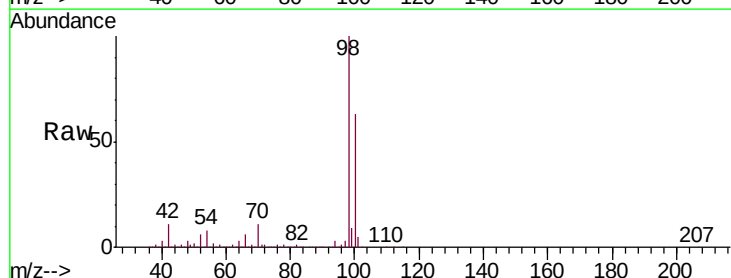
Acq: 25 Jul 2018 22:14

Tgt Ion: 98 Resp: 1389287

Ion Ratio Lower Upper

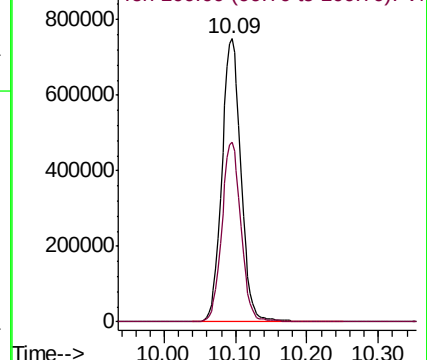
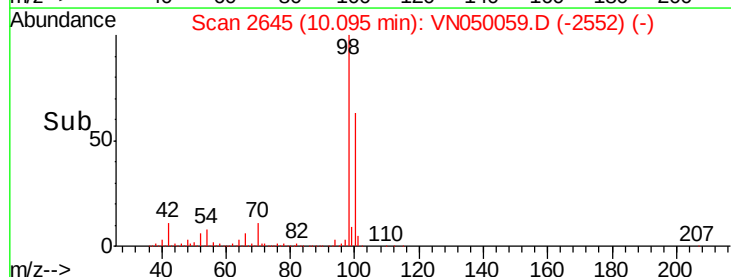
98 100

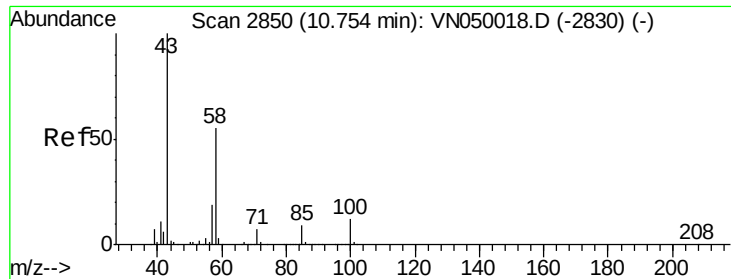
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 8.20 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050059.D

Acq: 25 Jul 2018 22:14

Instrument :

MSVOA_N

ClientSampleId :

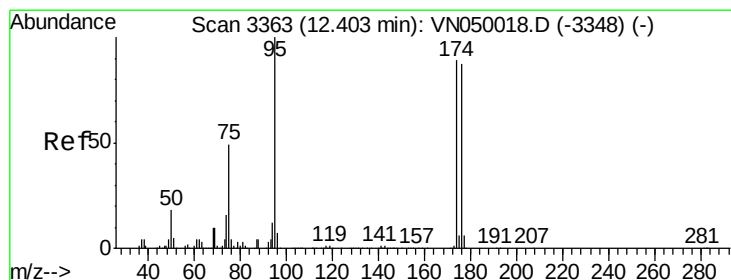
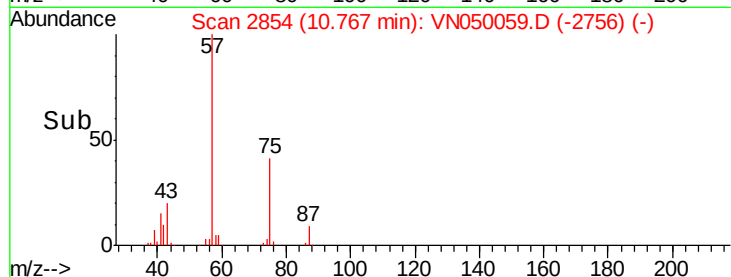
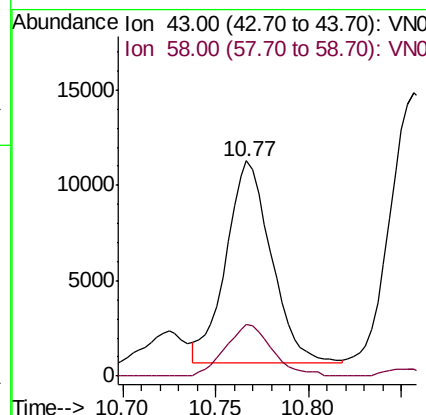
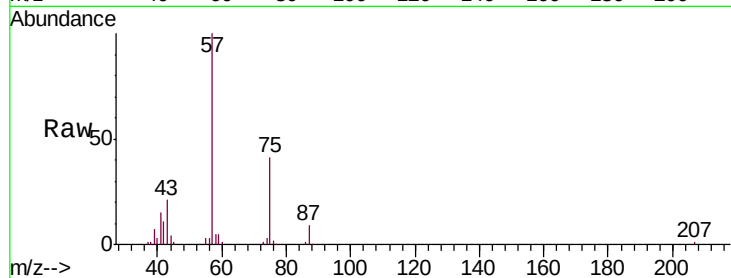
PB111424ZHE#06

Tot Ion: 43 Resp: 17984

Ion Ratio Lower Upper

43 100

58 26.3 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 37.58 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050059.D

Acq: 25 Jul 2018 22:14

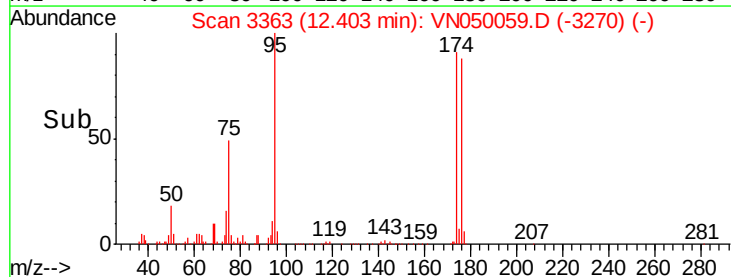
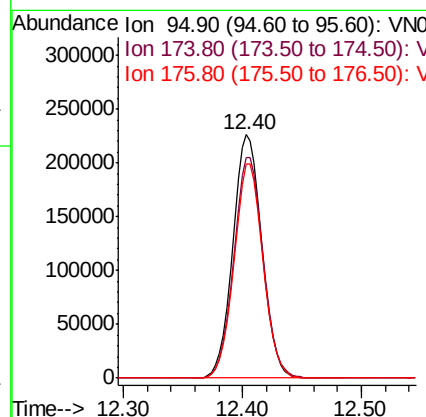
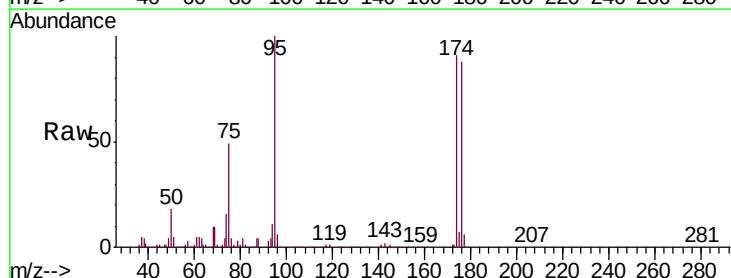
Tgt Ion: 95 Resp: 381246

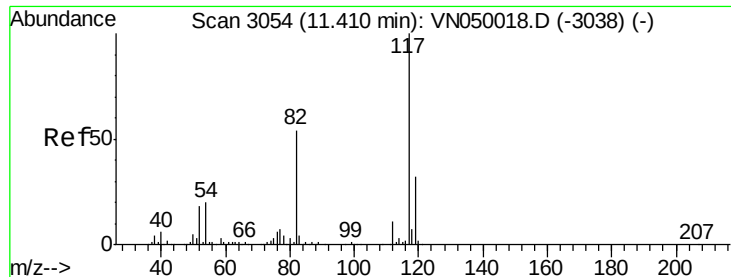
Ion Ratio Lower Upper

95 100

174 92.0 0.0 178.2

176 87.8 0.0 173.4

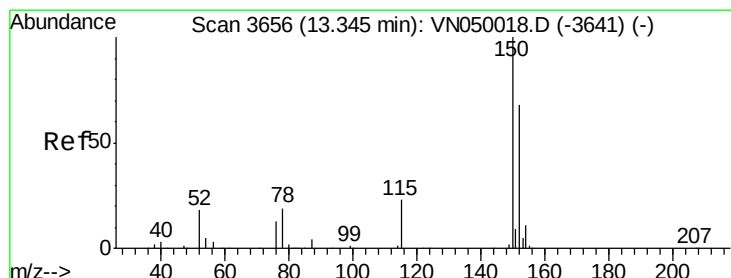
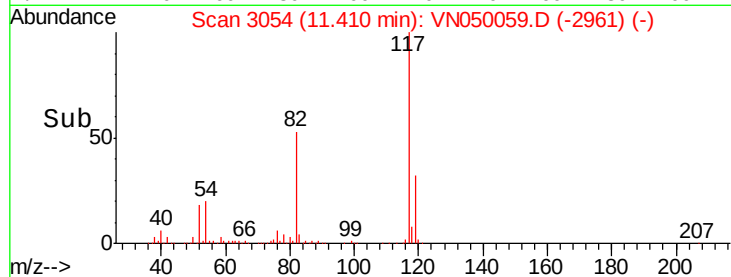
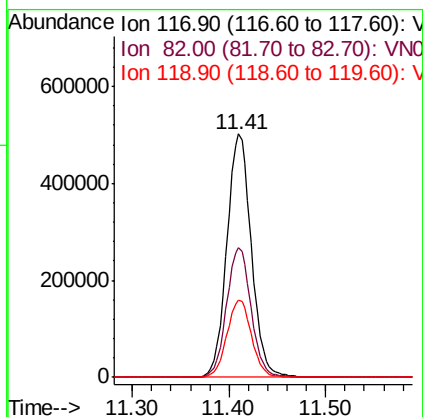
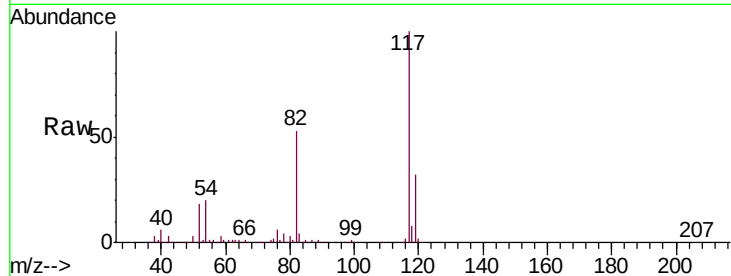




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050059.D
Acq: 25 Jul 2018 22:14

Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#06

Tot Ion:117 Resp: 880551
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN050059.D
Acq: 25 Jul 2018 22:14

Tgt Ion:152 Resp: 309833
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.3
150 157.9 0.0 348.6

