

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050266.D
 Acq On : 2 Aug 2018 16:09
 Operator : MD\SY
 Sample : PB111674ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111674ZHE#04

Quant Time: Aug 03 01:32:26 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

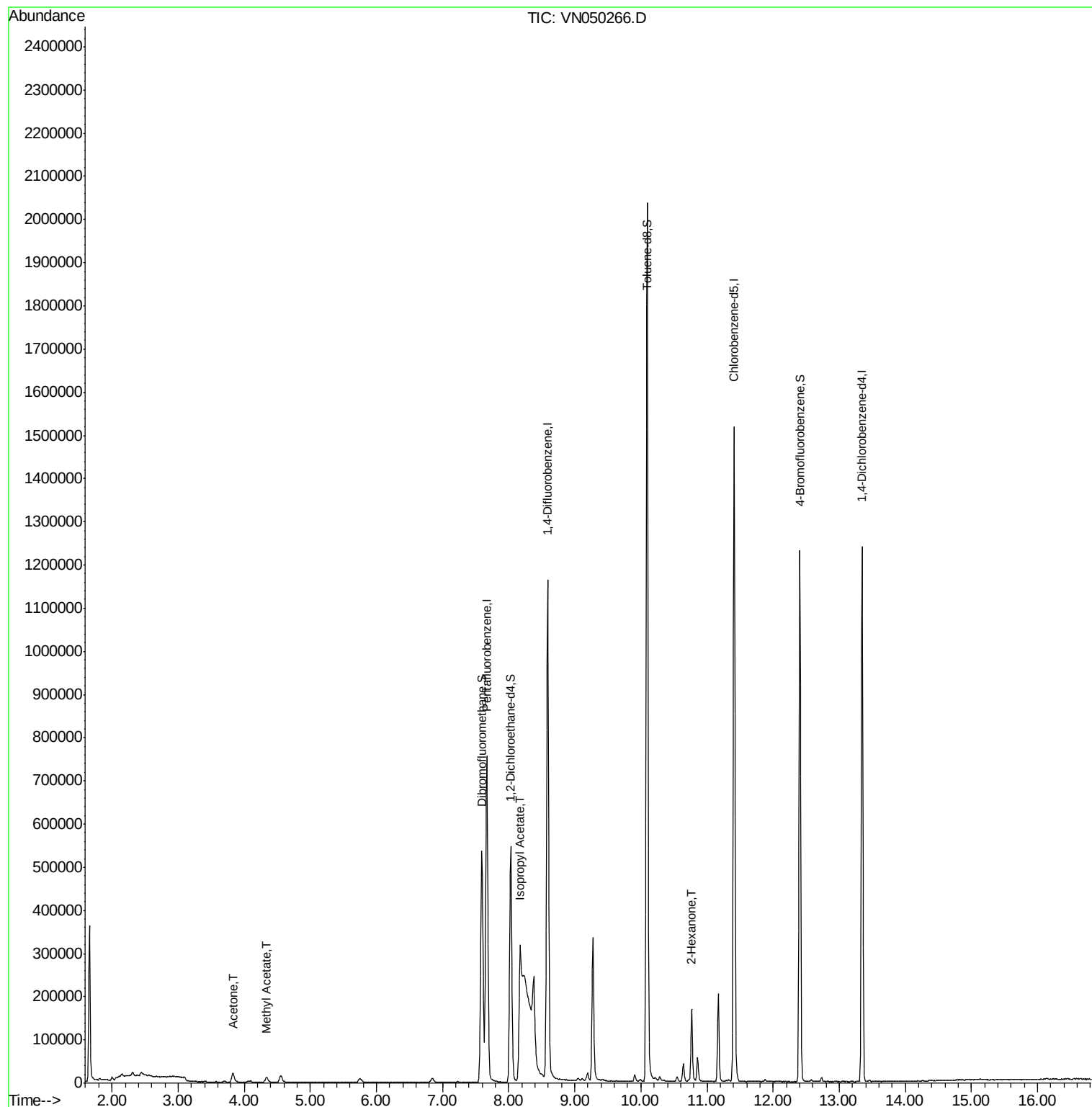
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	641947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1082307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	921270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	472649	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
35) Dibromofluoromethane	7.60	113	411172	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
50) Toluene-d8	10.09	98	1464794	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
62) 4-Bromofluorobenzene	12.40	95	408609	38.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.40%	
Target Compounds						
16) Acetone	3.83	43	37772	13.801	ug/l	97
18) Methyl Acetate	4.34	43	21311	1.000	ug/l	100
43) Isopropyl Acetate	8.17	43	437372	26.771	ug/l #	88
59) 2-Hexanone	10.77	43	23122	8.861	ug/l #	58

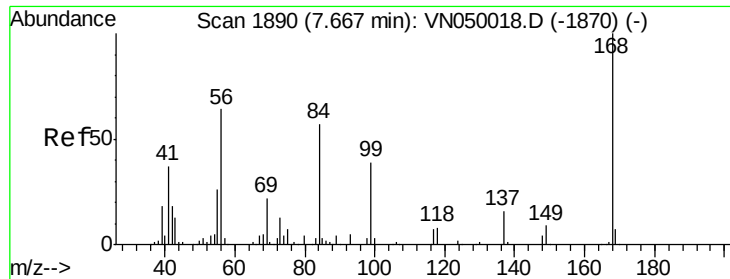
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

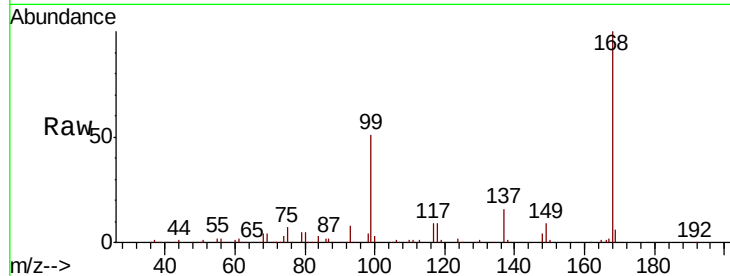
PB111674ZHE#04

Tot Ion:168 Resp: 641947

Ion Ratio Lower Upper

168 100

99 51.0 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

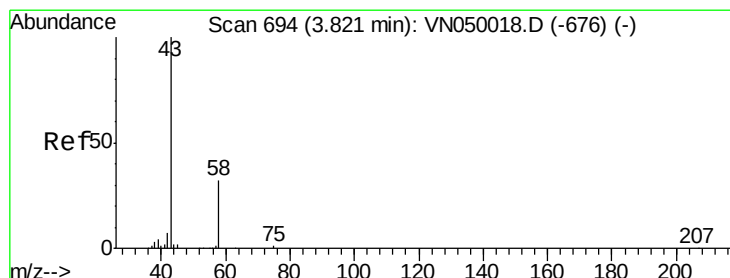
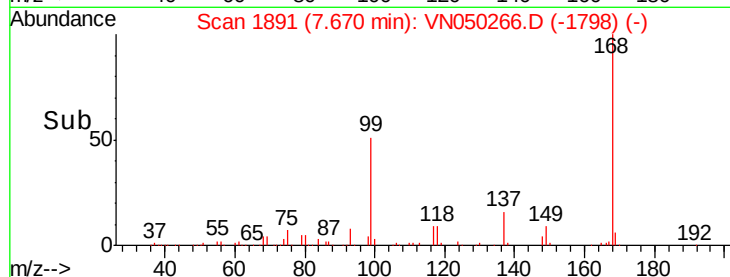
100000

50000

0

Time-->

7.60 7.70



#16

Acetone

Concen: 13.801 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050266.D

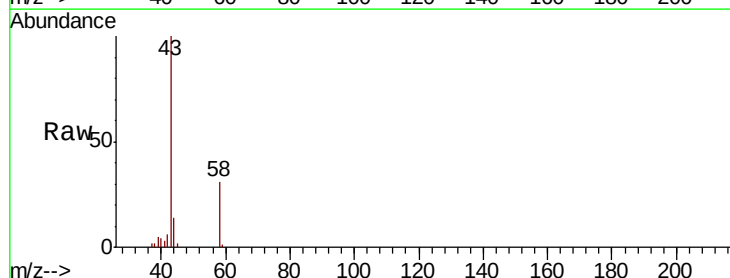
Acq: 2 Aug 2018 16:09

Tgt Ion: 43 Resp: 37772

Ion Ratio Lower Upper

43 100

58 30.5 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

15000

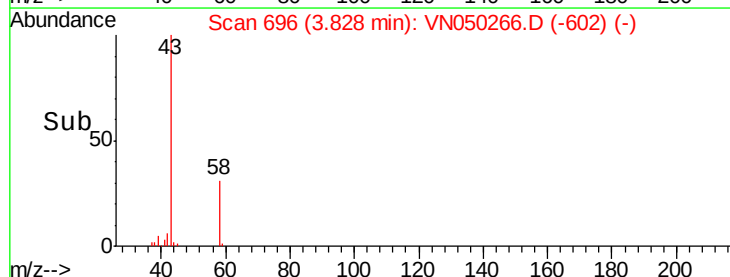
10000

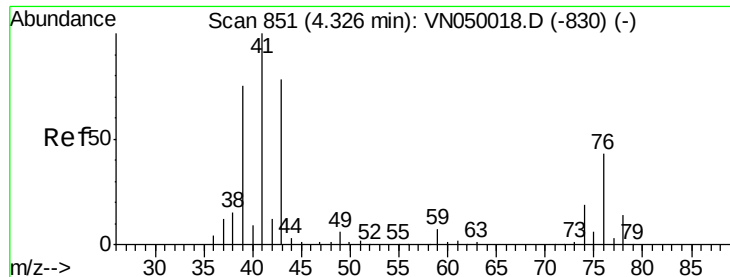
5000

0

Time-->

3.70 3.80 3.90

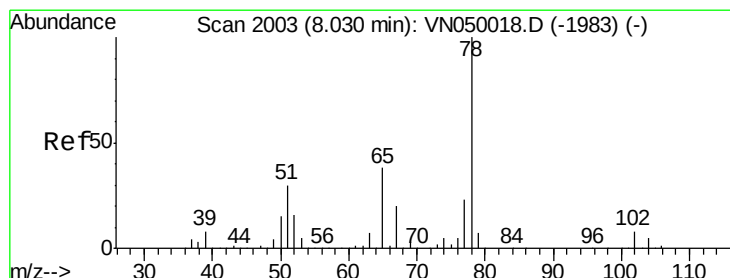
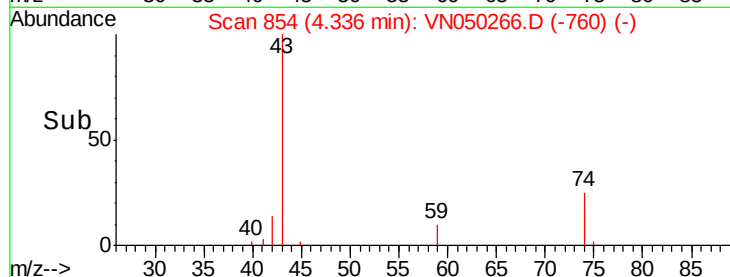
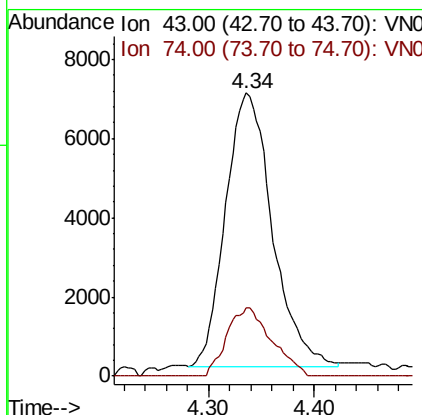
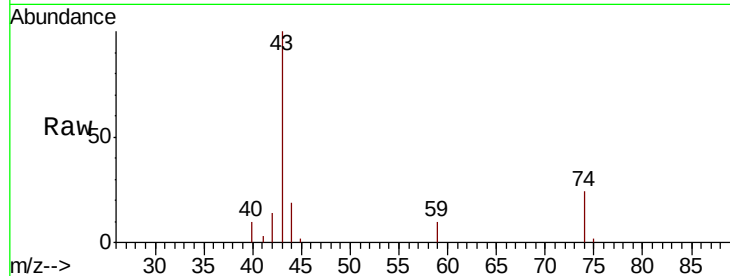




#18
Methvl Acetate
Concen: 1.000 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

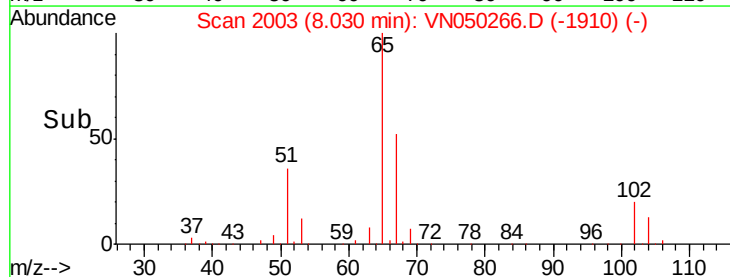
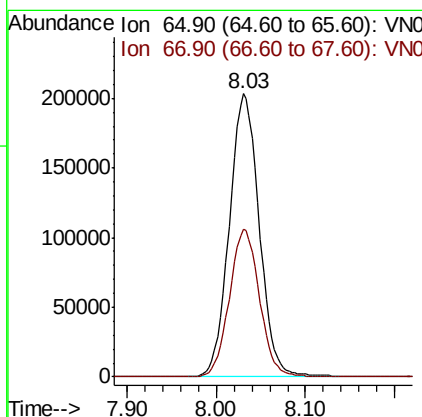
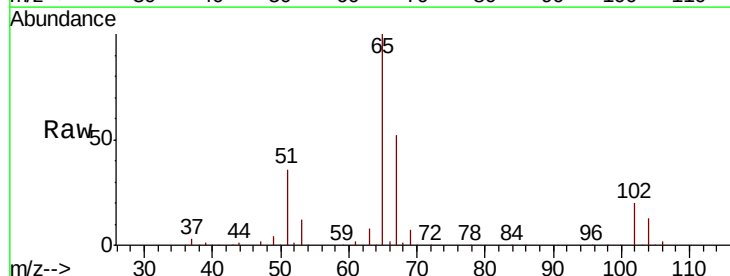
Instrument :
MSVOA_N
ClientSampleId :
PB111674ZHE#04

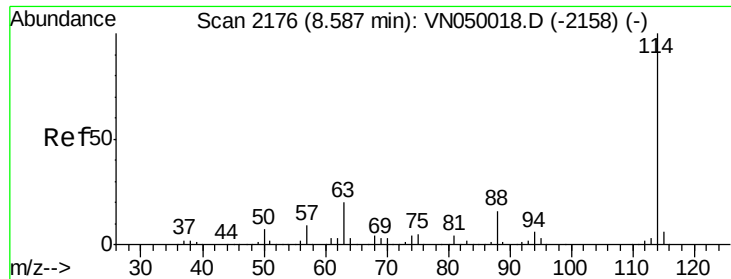
Tot Ion: 43 Resp: 21311
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 52.771 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Tgt Ion: 65 Resp: 472649
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.4



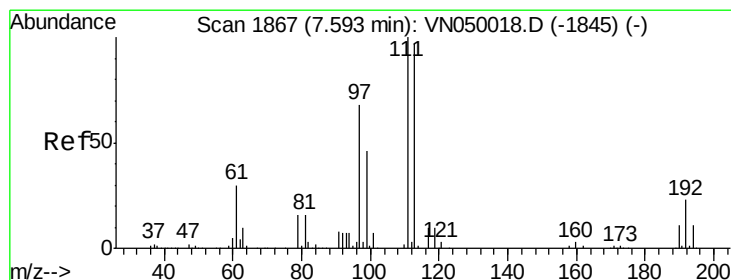
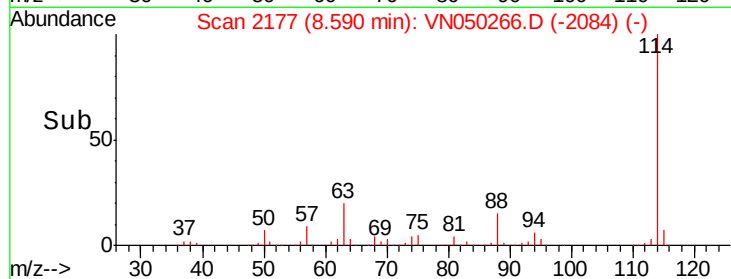
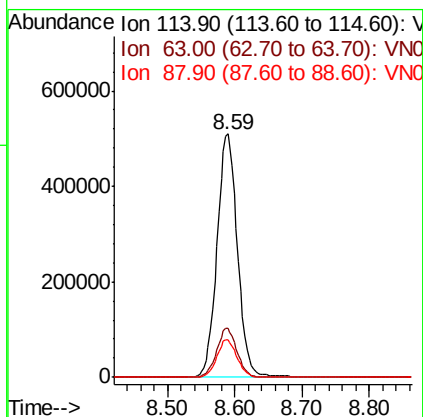
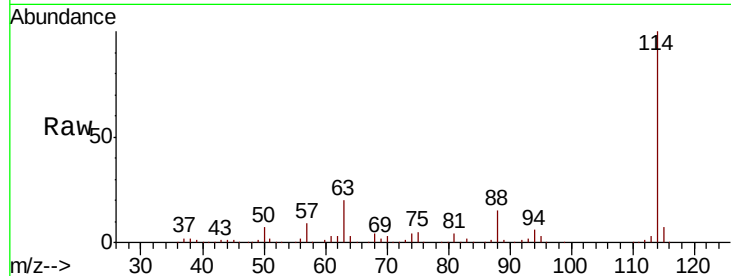


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VN050266.D
 Acq: 2 Aug 2018 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111674ZHE#04

Tot Ion:114 Resp: 1082307

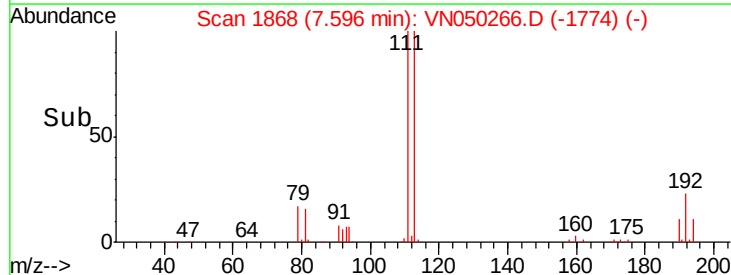
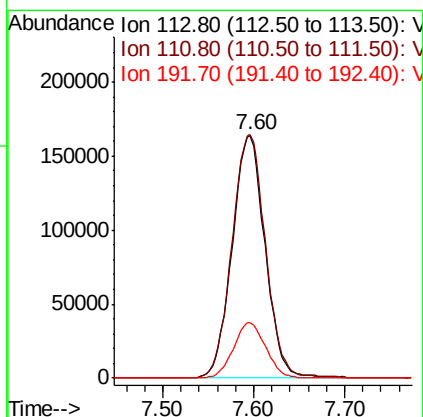
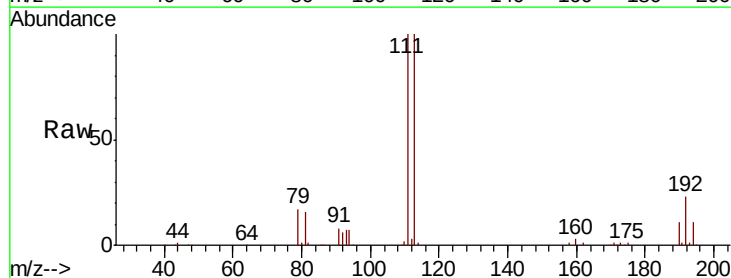
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	15.4	0.0	31.2

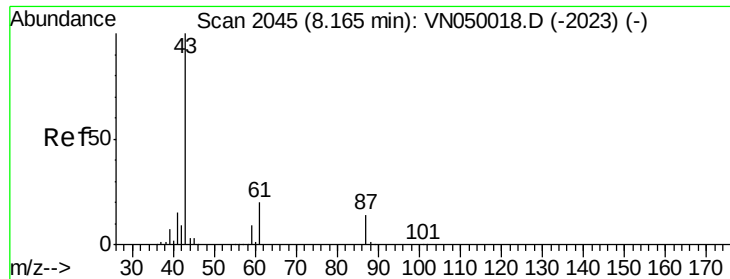


#35
 Dibromofluoromethane
 Concen: 46.530 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050266.D
 Acq: 2 Aug 2018 16:09

Tgt Ion:113 Resp: 411172

Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.7	121.1
192	22.4	17.8	26.6





#43

Isopropyl Acetate

Concen: 26.771 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050266.D

Acq: 2 Aug 2018 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#04

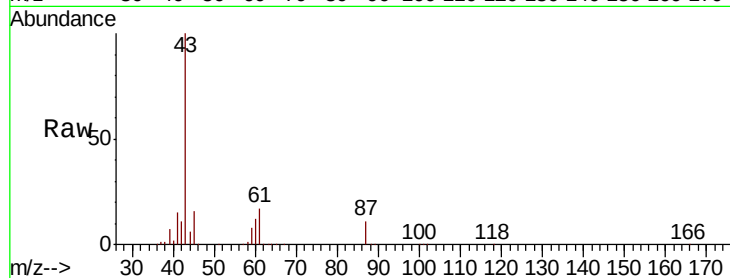
Tot Ion: 43 Resp: 437372

Ion Ratio Lower Upper

43 100

61 13.9 15.8 23.6#

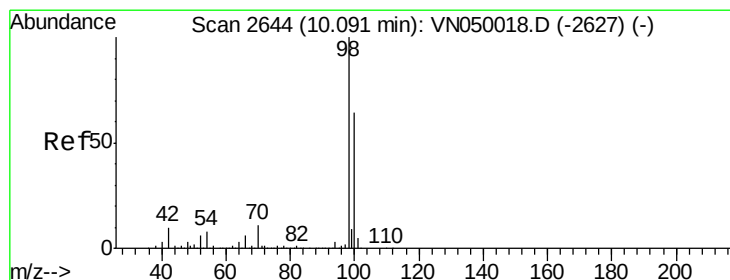
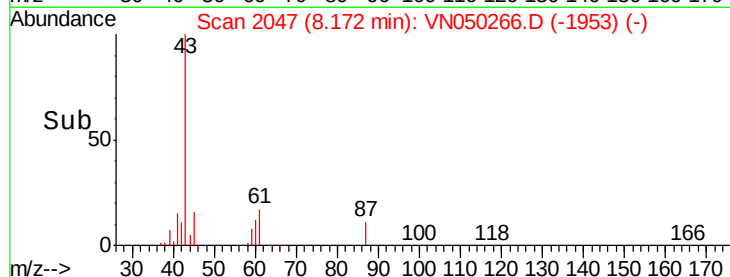
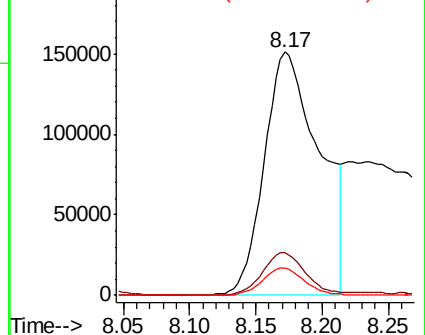
87 8.5 10.3 15.5#



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: 45.088 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050266.D

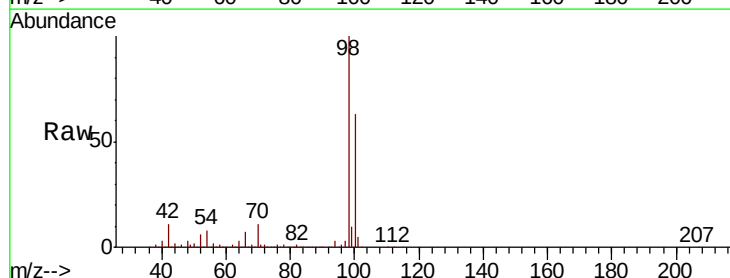
Acq: 2 Aug 2018 16:09

Tgt Ion: 98 Resp: 1464794

Ion Ratio Lower Upper

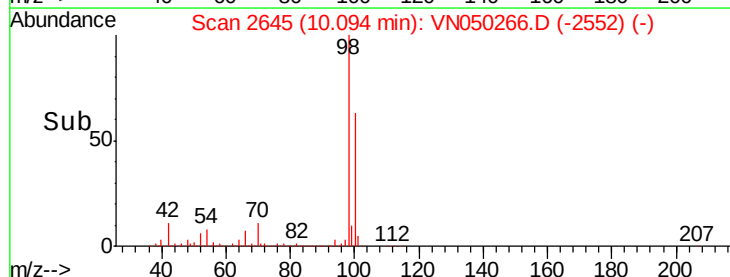
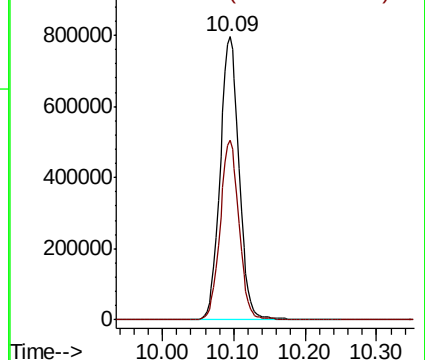
98 100

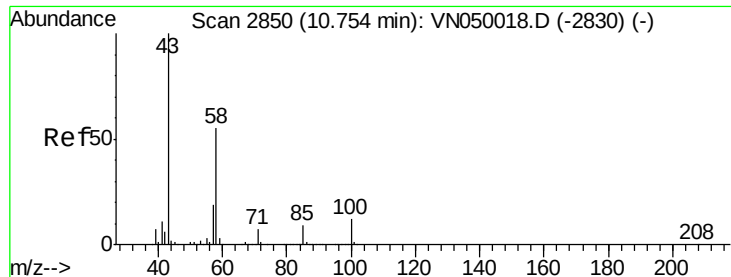
100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

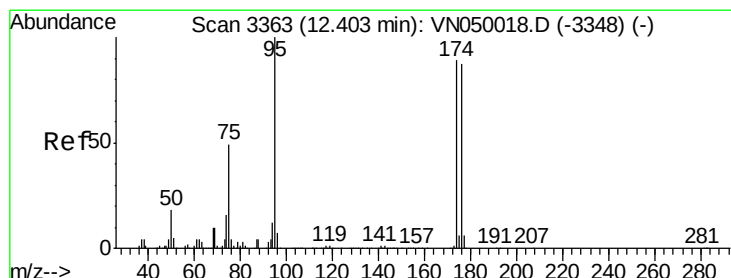
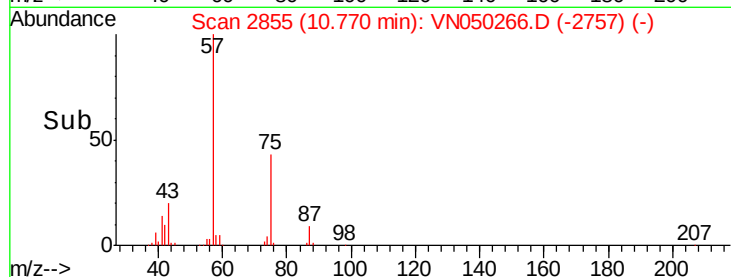
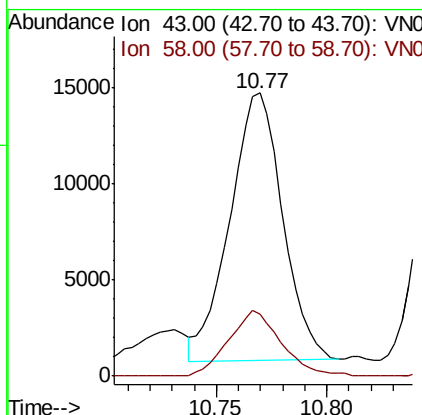
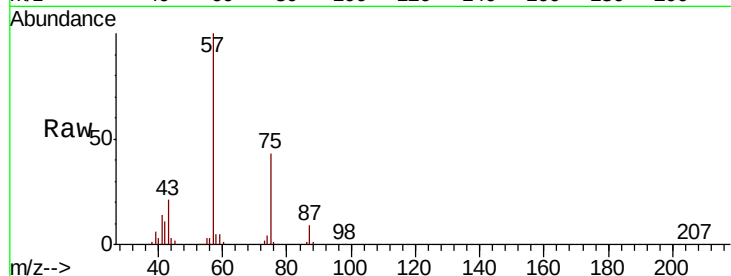




#59
2-Hexanone
Concen: 8.861 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

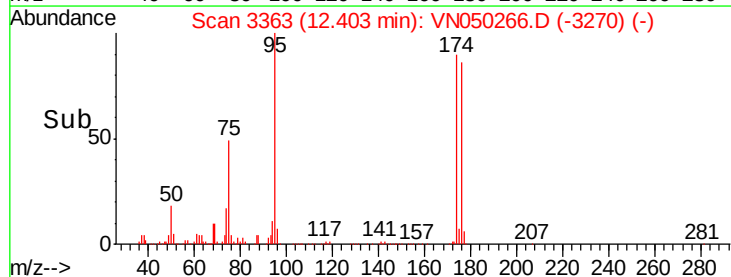
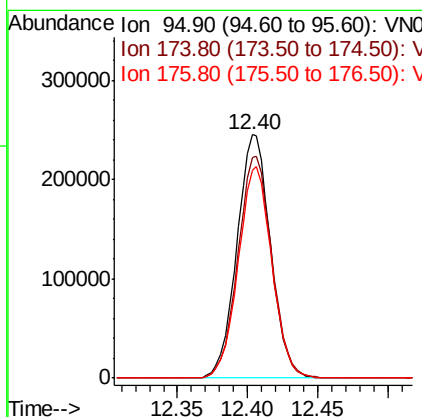
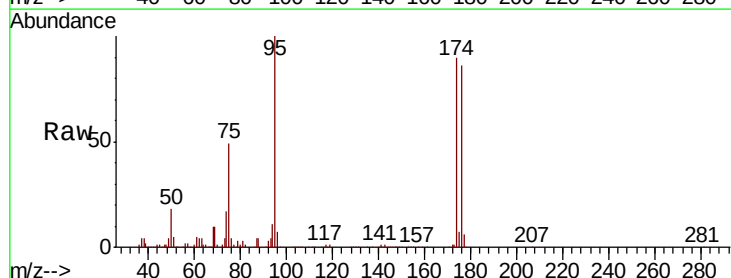
Instrument :
MSVOA_N
ClientSampleId :
PB111674ZHE#04

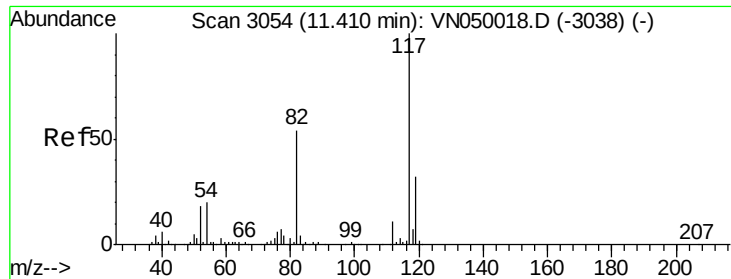
Tot Ion: 43 Resp: 23122
Ion Ratio Lower Upper
43 100
58 24.5 27.6 82.7#



#62
4-Bromofluorobenzene
Concen: 38.197 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Tgt Ion: 95 Resp: 408609
Ion Ratio Lower Upper
95 100
174 92.3 0.0 178.2
176 86.9 0.0 173.4

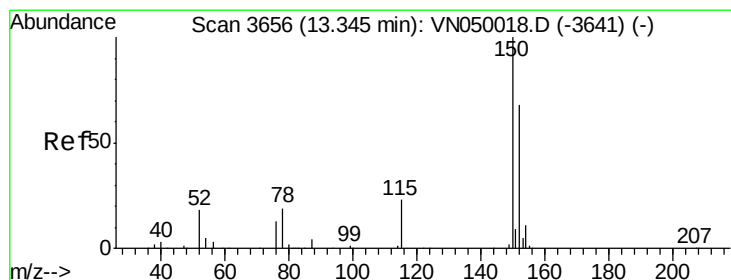
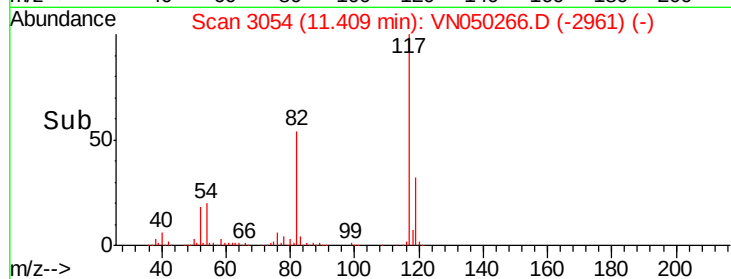
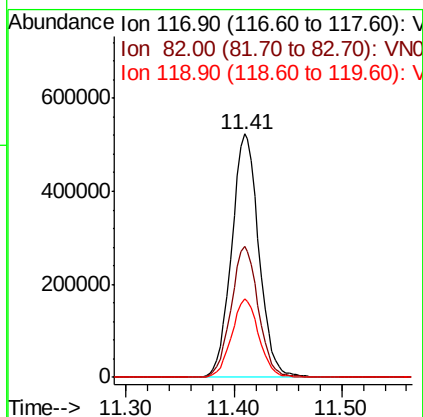
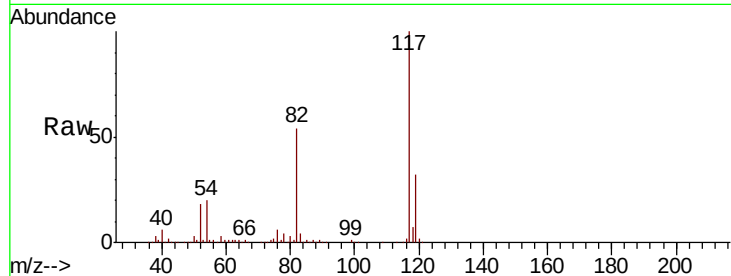




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB111674ZHE#04

Tot Ion:117 Resp: 921270
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050266.D
Acq: 2 Aug 2018 16:09

Tgt Ion:152 Resp: 350905
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.3
150 155.8 0.0 348.6

