

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050056.D
 Acq On : 25 Jul 2018 21:00
 Operator : MD\SY
 Sample : PB111424ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#03

Quant Time: Jul 26 07:21:39 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

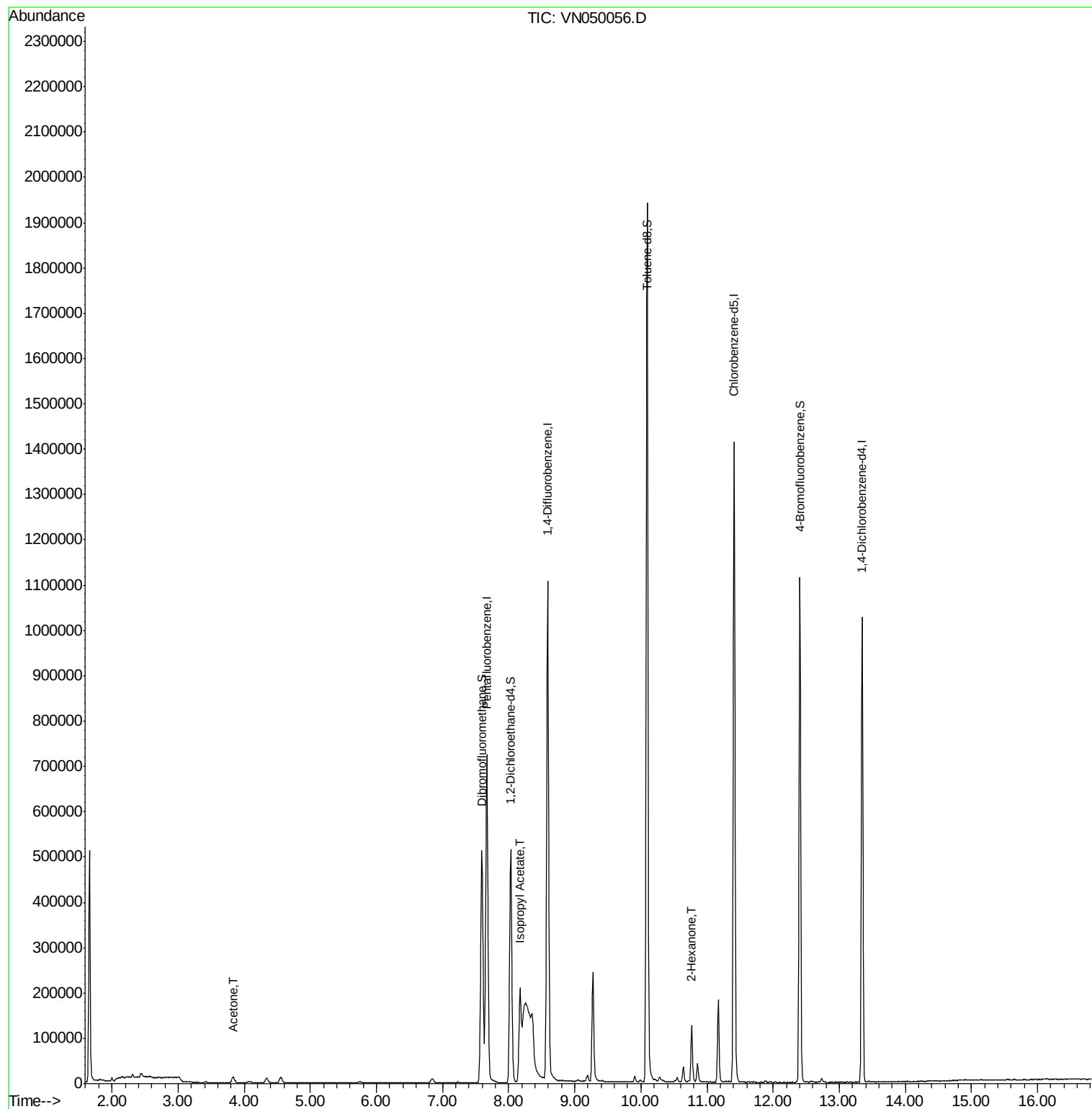
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	612120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1025746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	866525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	443143	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
35) Dibromofluoromethane	7.60	113	392615	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	10.09	98	1385323	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
62) 4-Bromofluorobenzene	12.40	95	374423	36.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.86%	
Target Compounds						
16) Acetone	3.83	43	24023	7.73	ug/l	98
20) Methylene Chloride	4.55	84	9487	Below	Cal	96
43) Isopropyl Acetate	8.17	43	264603	16.67	ug/l	94
59) 2-Hexanone	10.77	43	16795	8.00	ug/l	65

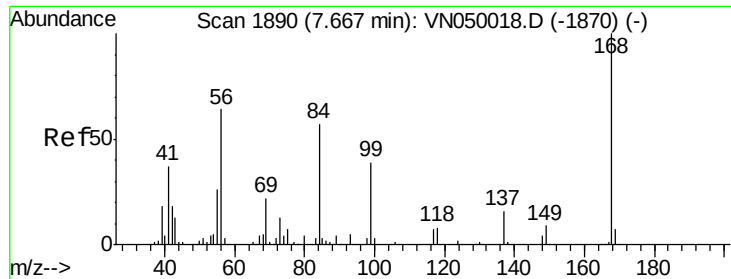
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050056.D

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ClientSampleId :

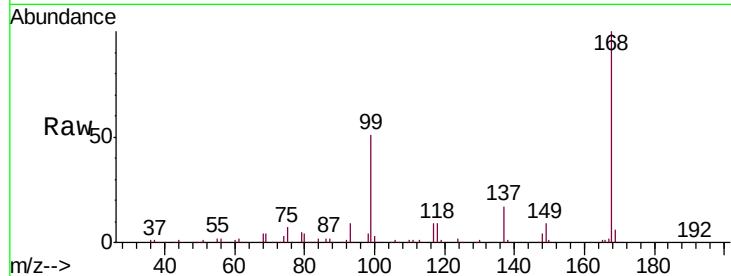
PB111424ZHE#03

Tot Ion:168 Resp: 612120

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

100000

50000

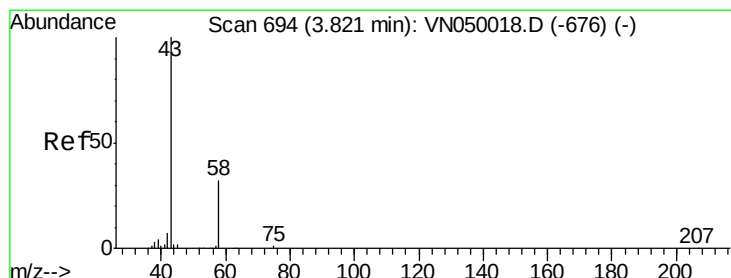
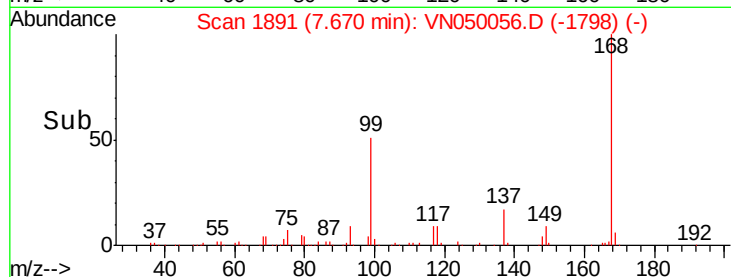
0

Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 7.73 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050056.D

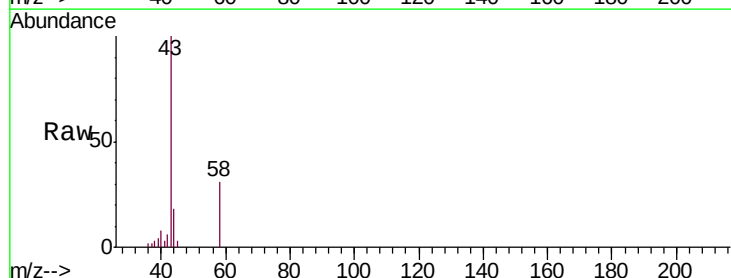
Acq: 25 Jul 2018 21:00

Tgt Ion: 43 Resp: 24023

Ion Ratio Lower Upper

43 100

58 31.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

10000

8000

6000

4000

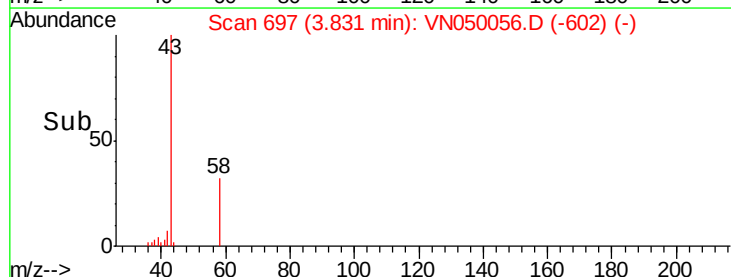
2000

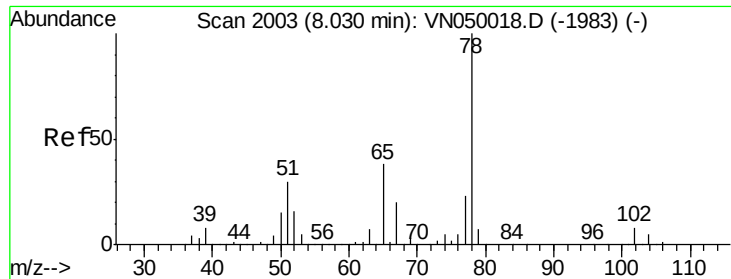
0

Time-->

3.80

3.90





#33

1,2-Dichloroethane-d4

Concen: 51.89 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

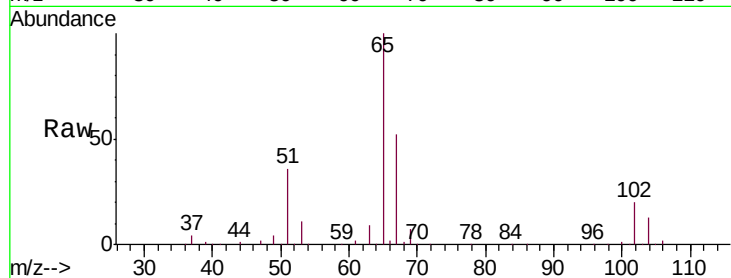
PB111424ZHE#03

Tot Ion: 65 Resp: 443143

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

150000

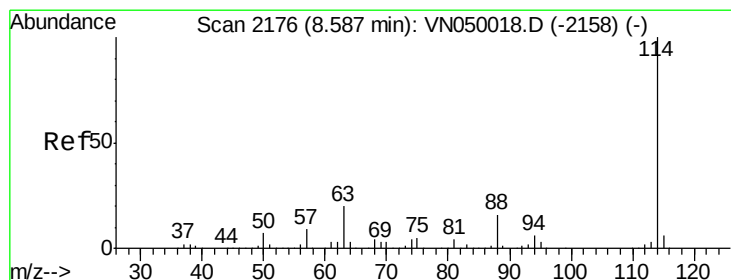
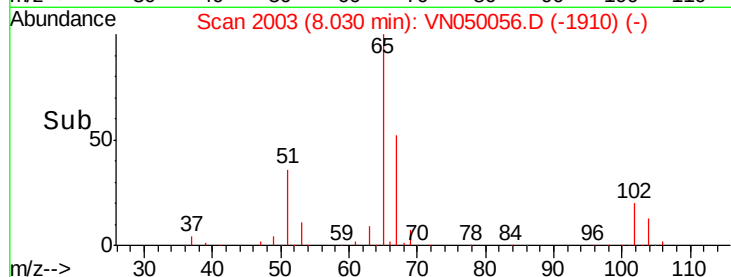
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050056.D

Acq: 25 Jul 2018 21:00

Tgt Ion: 114 Resp: 1025746

Ion Ratio Lower Upper

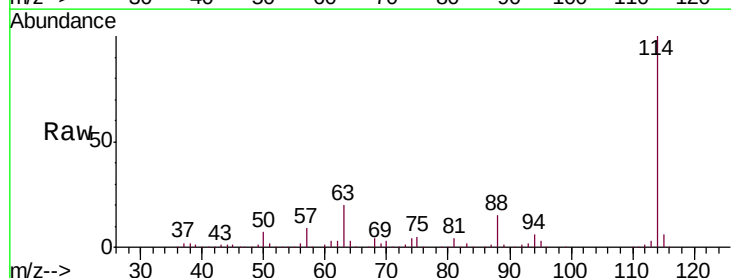
114 100

63 19.9

88 15.4

0.0 40.0

0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

600000

500000

400000

300000

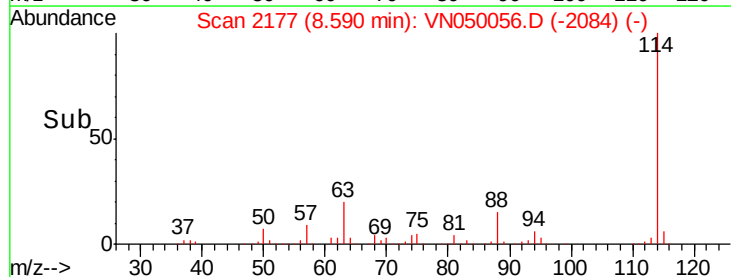
200000

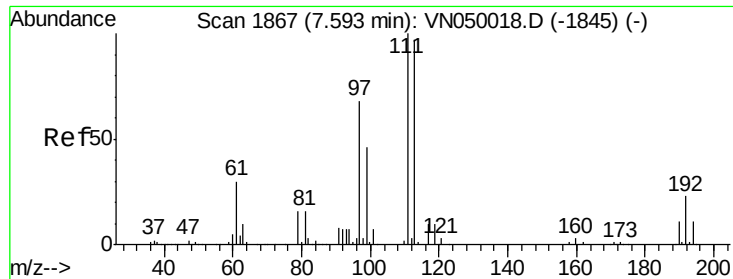
100000

0

8.50 8.60 8.70 8.80

Time-->

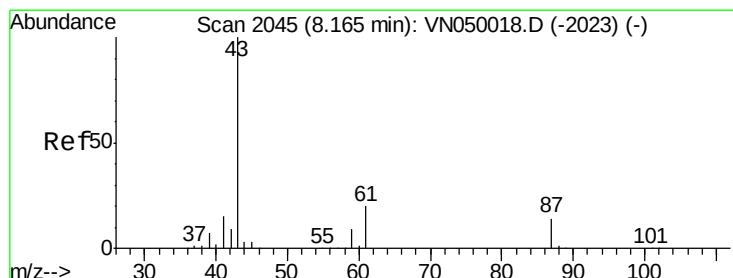
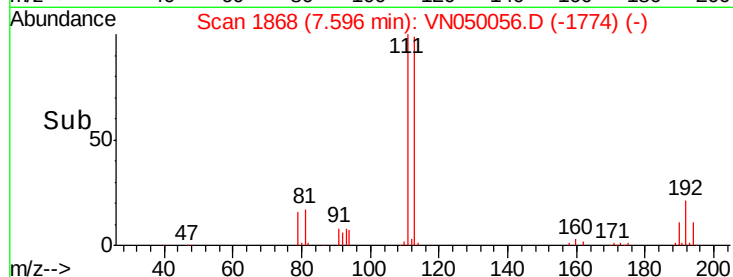
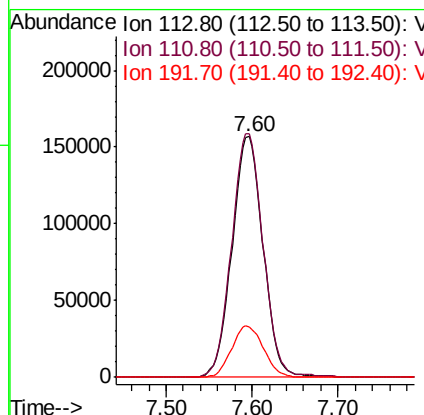
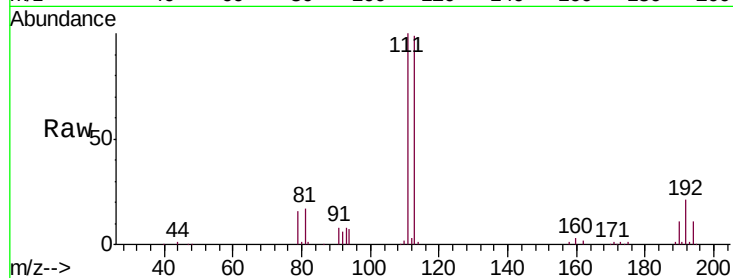




#35
 Dibromofluoromethane
 Concen: 46.88 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050056.D
 Acq: 25 Jul 2018 21:00

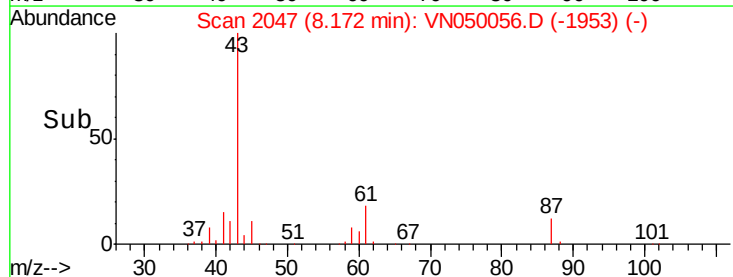
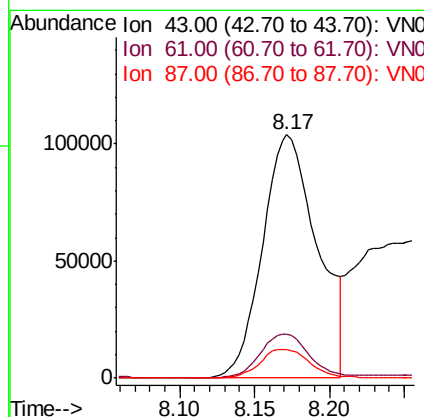
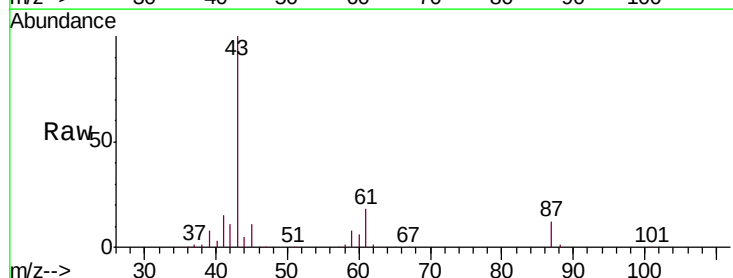
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#03

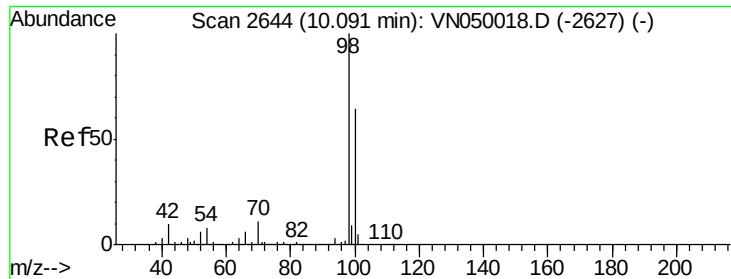
Tot Ion:113 Resp: 392615
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.7 121.1
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 16.67 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050056.D
 Acq: 25 Jul 2018 21:00

Tgt Ion: 43 Resp: 264603
 Ion Ratio Lower Upper
 43 100
 61 16.6 15.8 23.6
 87 10.7 10.3 15.5

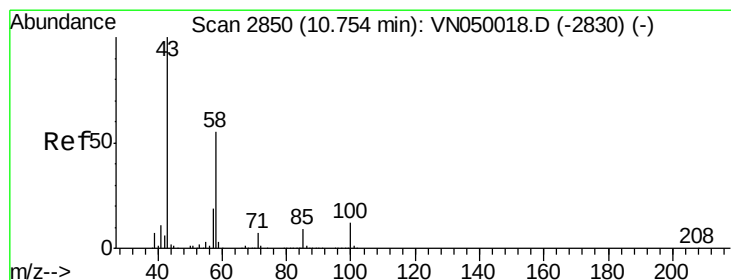
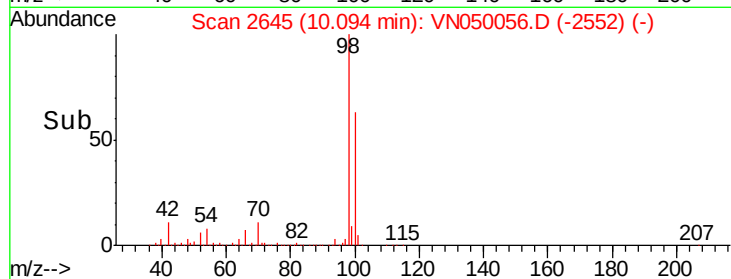
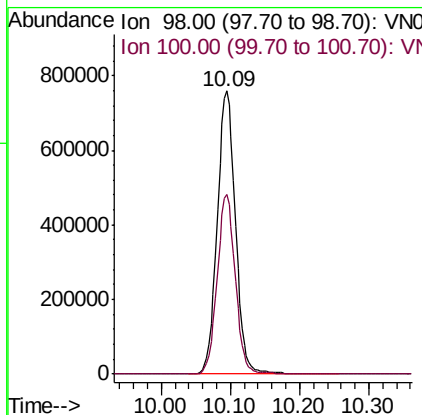
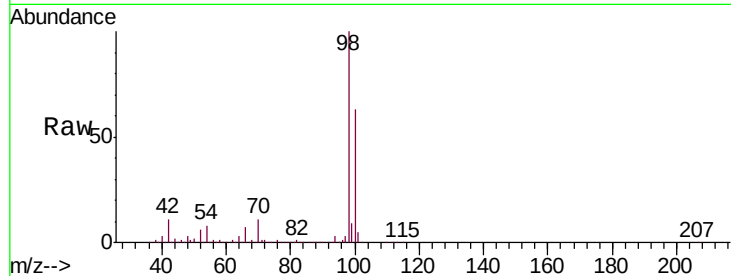




#50
Toluene-d8
Concen: 44.99 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050056.D
Acq: 25 Jul 2018 21:00

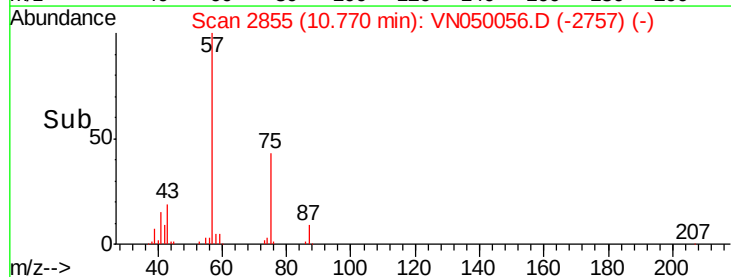
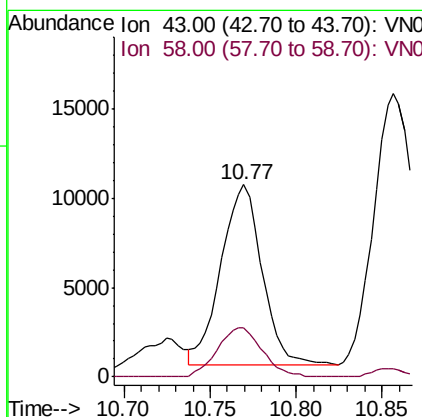
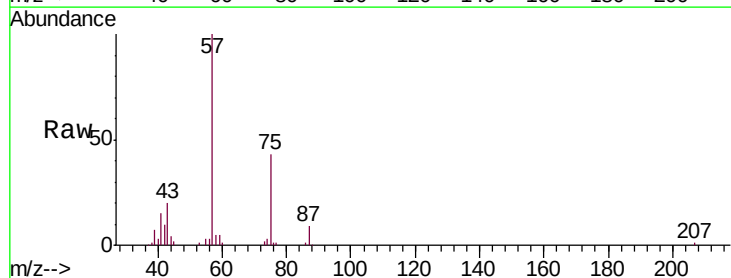
Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#03

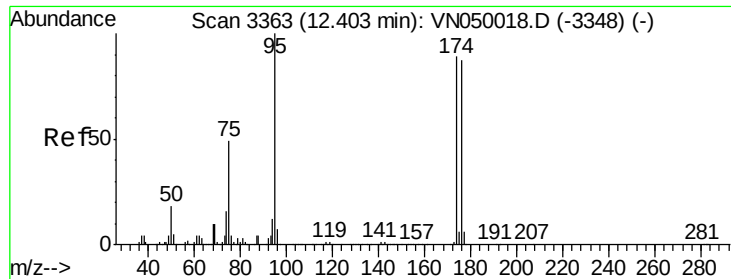
Tot Ion: 98 Resp: 1385323
Ion Ratio Lower Upper
98 100
100 63.1 50.7 76.1



#59
2-Hexanone
Concen: 8.00 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050056.D
Acq: 25 Jul 2018 21:00

Tgt Ion: 43 Resp: 16795
Ion Ratio Lower Upper
43 100
58 29.8 27.6 82.7

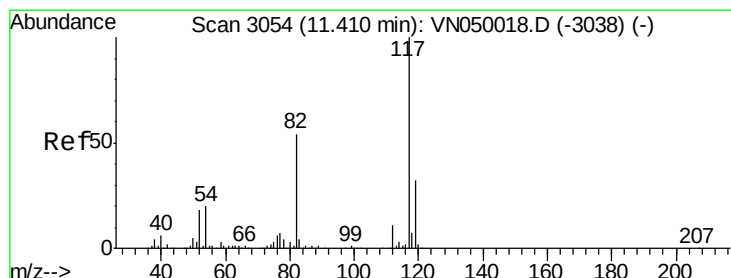
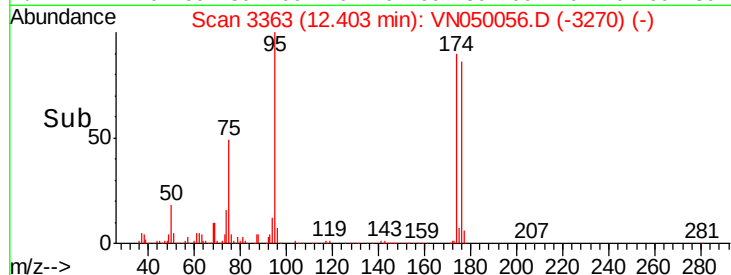
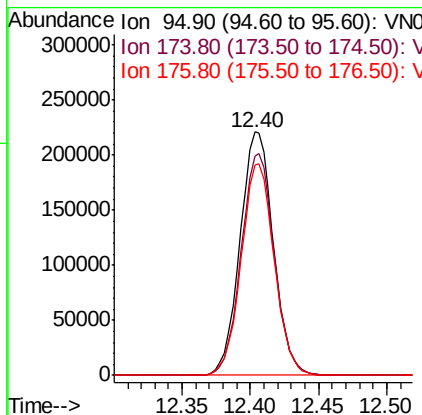
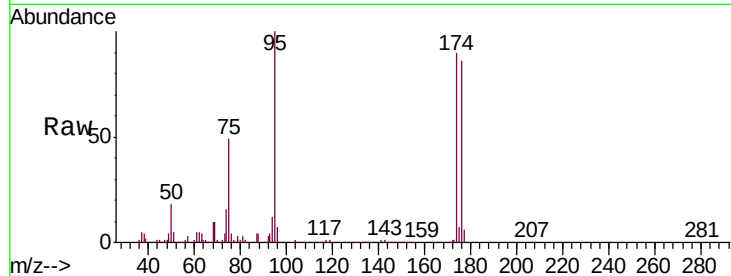




#62
4-Bromofluorobenzene
Concen: 36.93 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050056.D
Acq: 25 Jul 2018 21:00

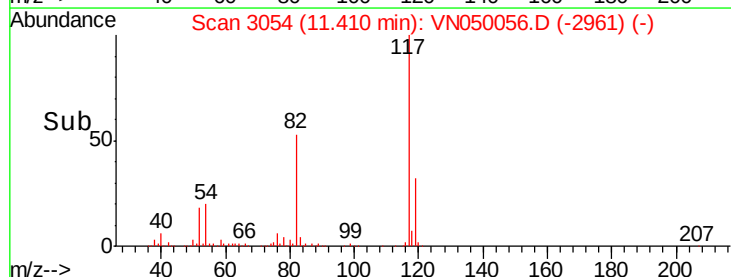
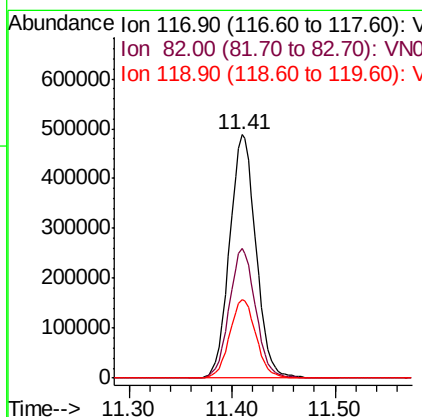
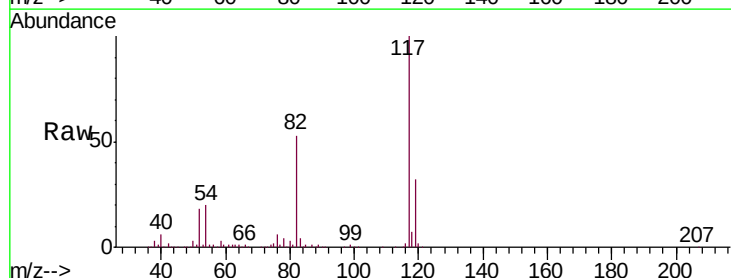
Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#03

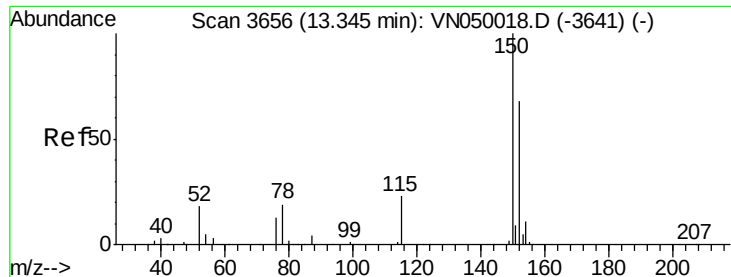
Tot Ion: 95 Resp: 374423
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 86.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050056.D
Acq: 25 Jul 2018 21:00

Tgt Ion: 117 Resp: 866525
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 32.4 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: VN050056.D

Acq: 25 Jul 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#03

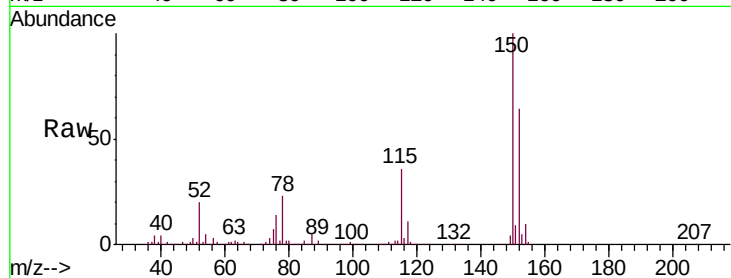
Tot Ion:152 Resp: 293873

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

150 157.4 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

