

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050062.D
 Acq On : 25 Jul 2018 23:29
 Operator : MD\SY
 Sample : PB111424ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424ZHE#09

Quant Time: Jul 26 07:41:18 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

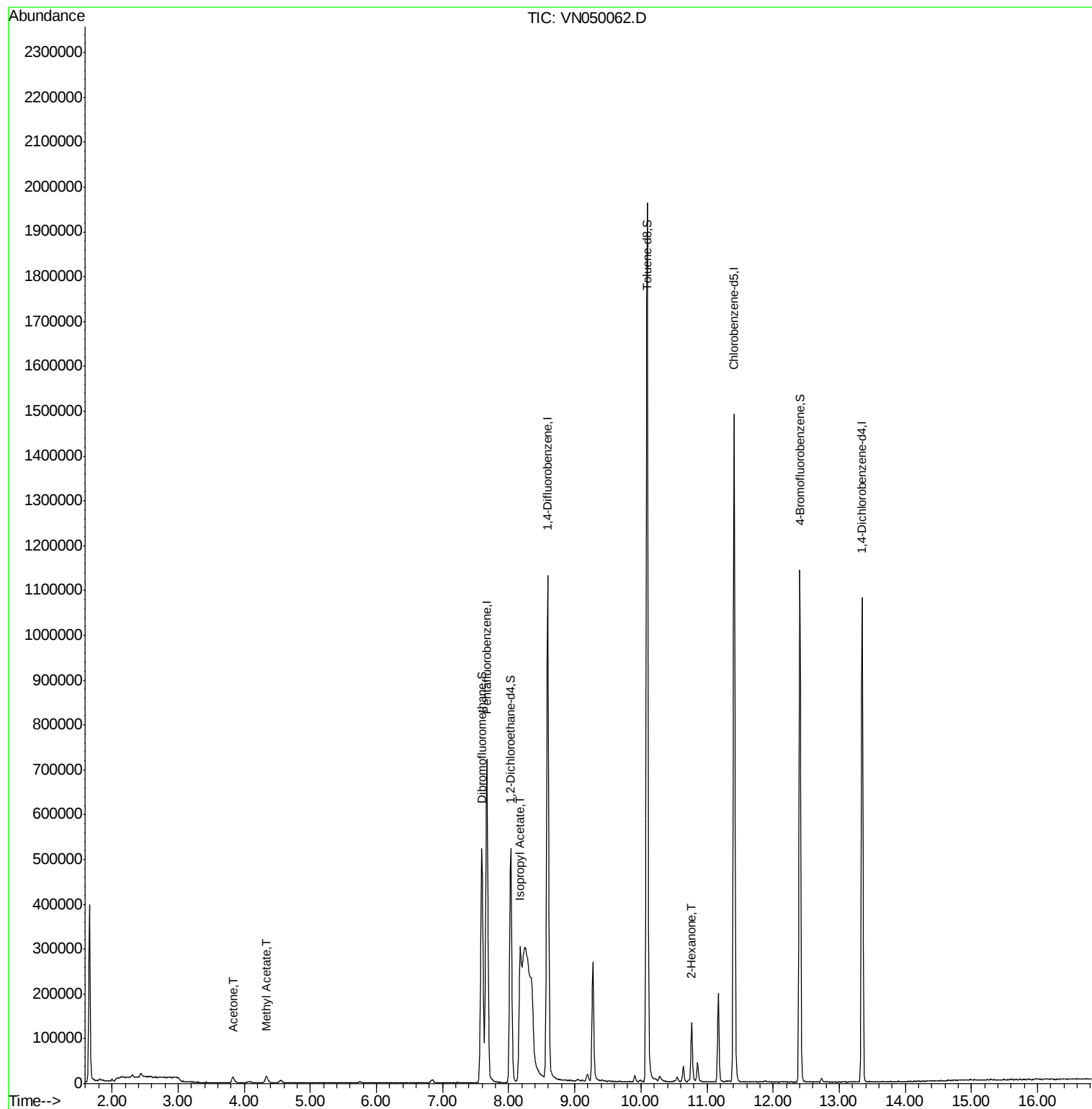
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	614558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1041973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	888398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	447331	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	7.60	113	402966	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	10.09	98	1411088	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
62) 4-Bromofluorobenzene	12.40	95	387572	37.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.26%	
Target Compounds						
16) Acetone	3.82	43	23402	7.37	ug/l	95
18) Methyl Acetate	4.34	43	28597	2.08	ug/l	99
43) Isopropyl Acetate	8.17	43	367443	23.21	ug/l #	87
59) 2-Hexanone	10.77	43	18334	8.21	ug/l #	57

(#) = 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: VN050062.D

Acq: 25 Jul 2018 23:29

Instrument :

MSVOA_N

ClientSampleId :

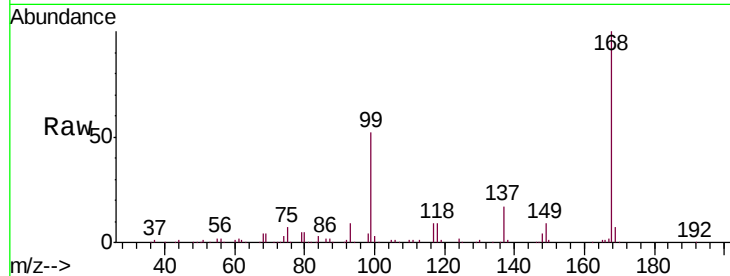
PB111424ZHE#09

Tot Ion:168 Resp: 614558

Ion Ratio Lower Upper

168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

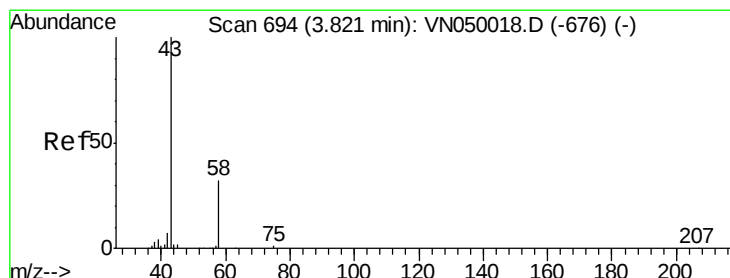
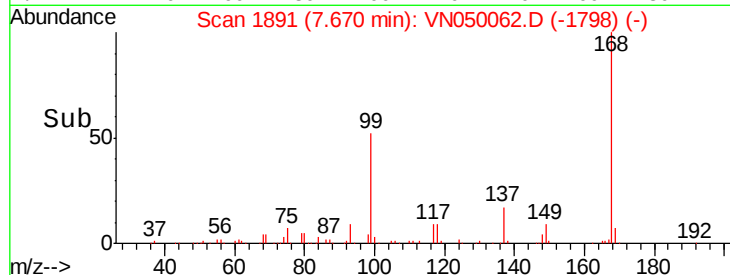
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.37 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050062.D

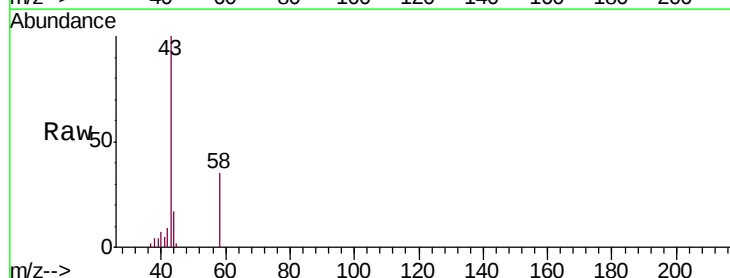
Acq: 25 Jul 2018 23:29

Tgt Ion: 43 Resp: 23402

Ion Ratio Lower Upper

43 100

58 35.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.82

8000

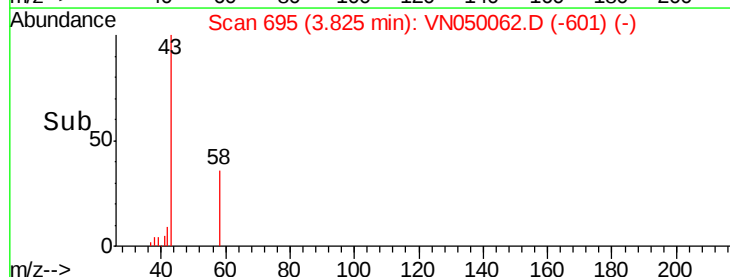
6000

4000

2000

0

Time-->

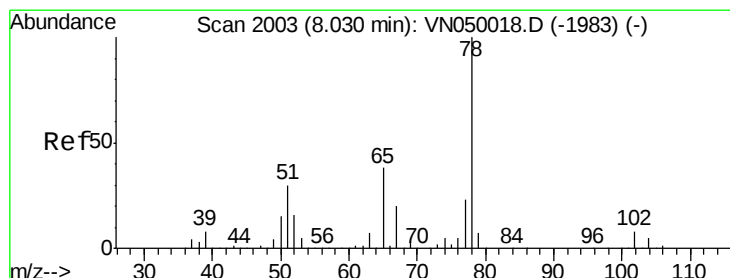
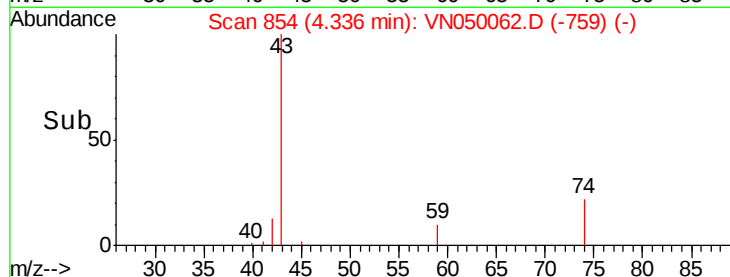
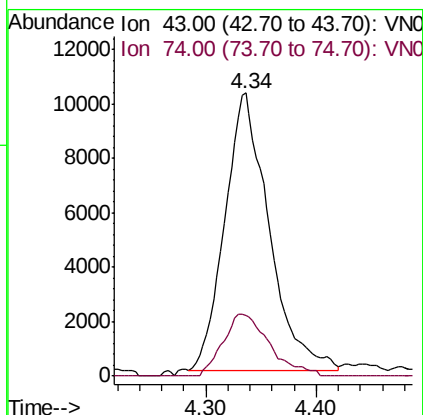
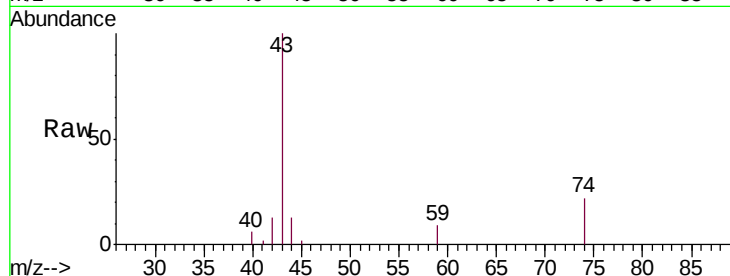




#18
Methvl Acetate
Concen: 2.08 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050062.D
Acq: 25 Jul 2018 23:29

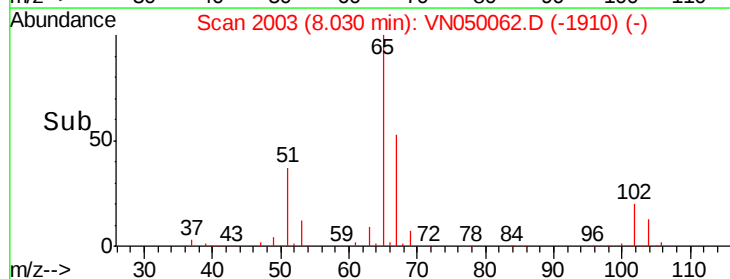
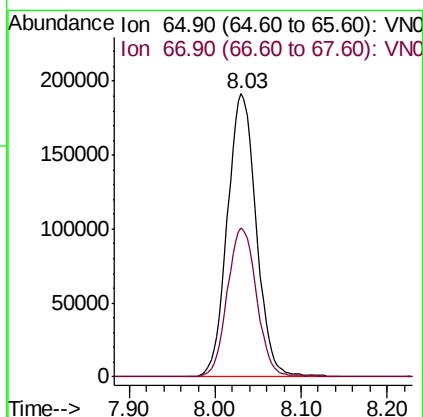
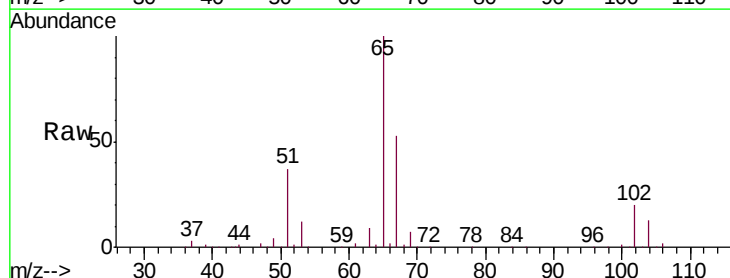
Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#09

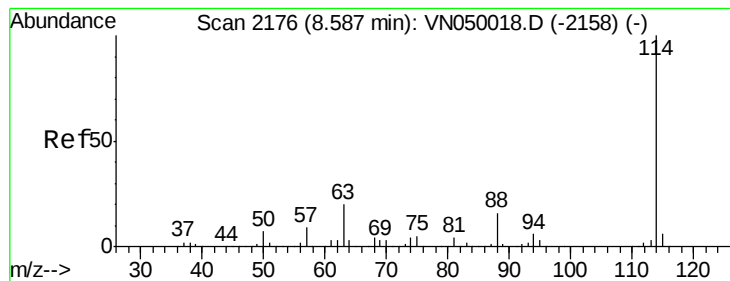
Tot Ion: 43 Resp: 28597
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 52.17 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050062.D
Acq: 25 Jul 2018 23:29

Tgt Ion: 65 Resp: 447331
Ion Ratio Lower Upper
65 100
67 53.3 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: VN050062.D

Acq: 25 Jul 2018 23:29

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#09

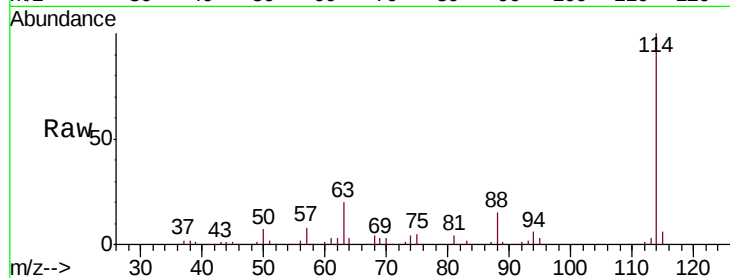
Tot Ion:114 Resp: 1041973

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

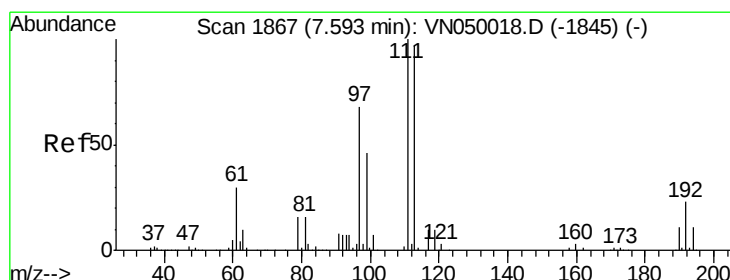
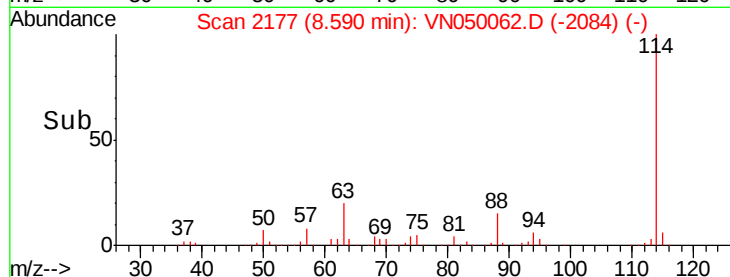
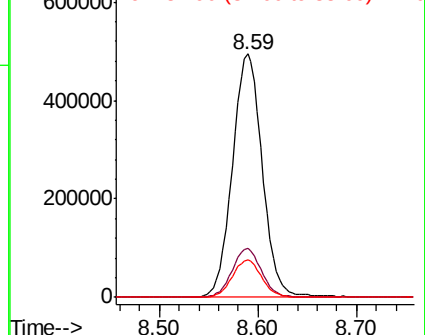
88 15.3 0.0 31.2



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: 47.37 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN050062.D

Acq: 25 Jul 2018 23:29

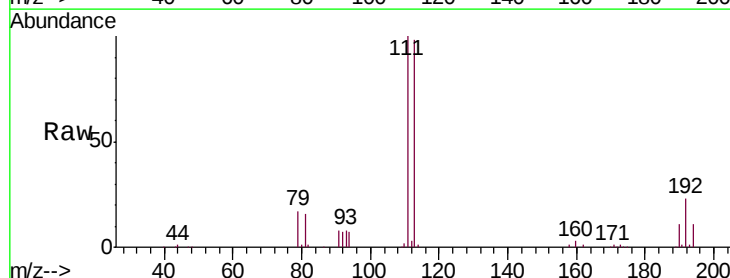
Tgt Ion:113 Resp: 402966

Ion Ratio Lower Upper

113 100

111 101.0 80.7 121.1

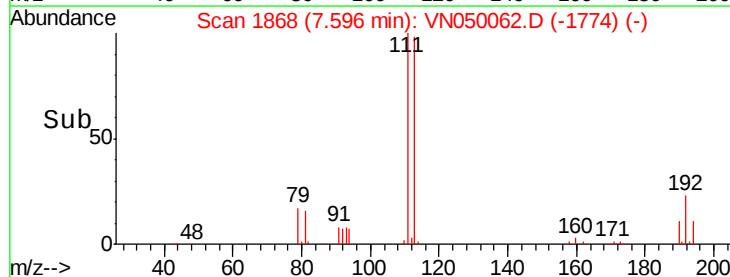
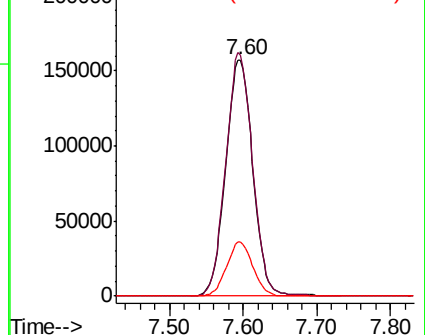
192 22.2 17.8 26.6

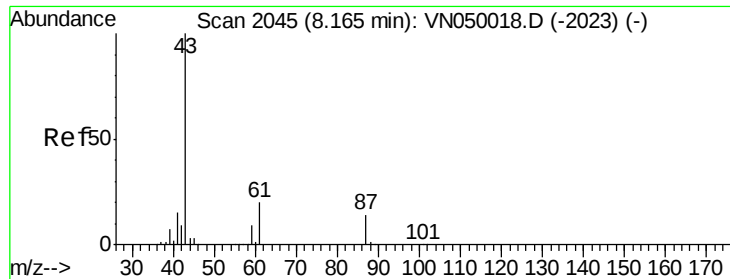


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 23.21 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050062.D

Acq: 25 Jul 2018 23:29

Instrument :

MSVOA_N

ClientSampleId :

PB111424ZHE#09

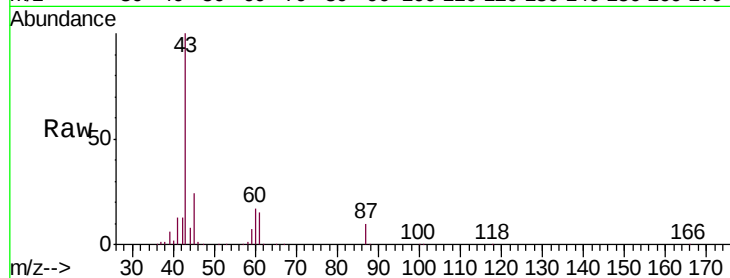
Tot Ion: 43 Resp: 367443

Ion Ratio Lower Upper

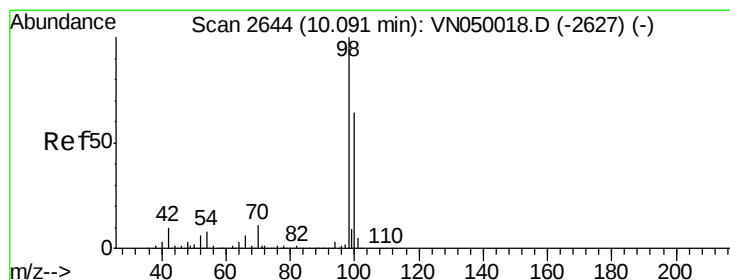
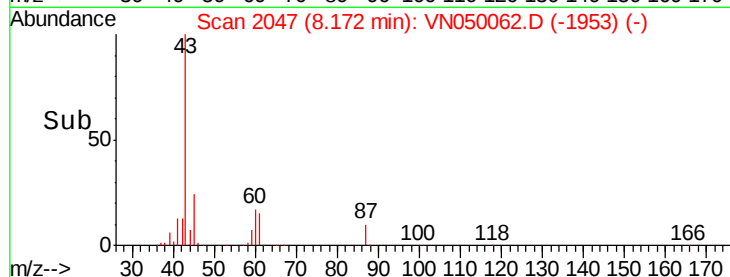
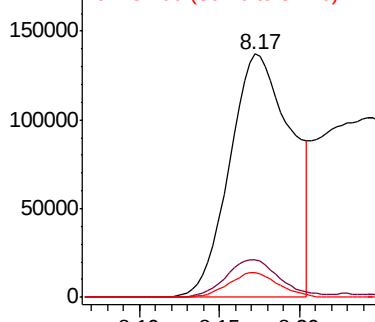
43 100

61 13.6 15.8 23.6#

87 8.3 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#50

Toluene-d8

Concen: 45.12 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050062.D

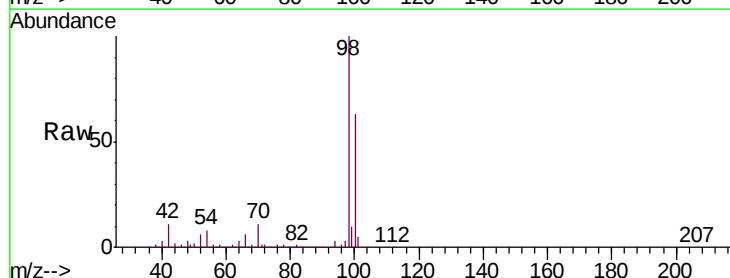
Acq: 25 Jul 2018 23:29

Tgt Ion: 98 Resp: 1411088

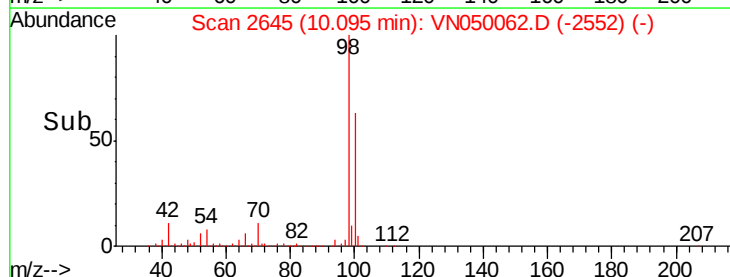
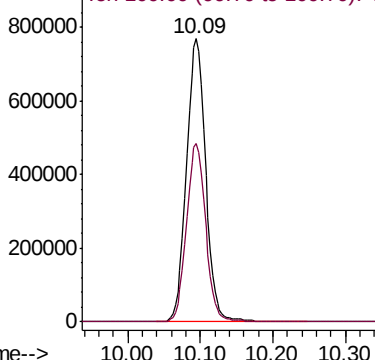
Ion Ratio Lower Upper

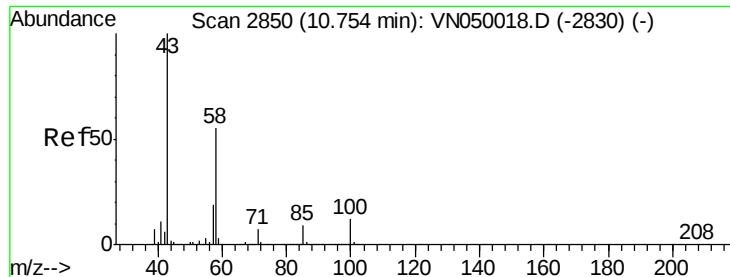
98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO





#59

2-Hexanone

Concen: 8.21 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN050062.D

Acq: 25 Jul 2018 23:29

Instrument :

MSVOA_N

ClientSampleId :

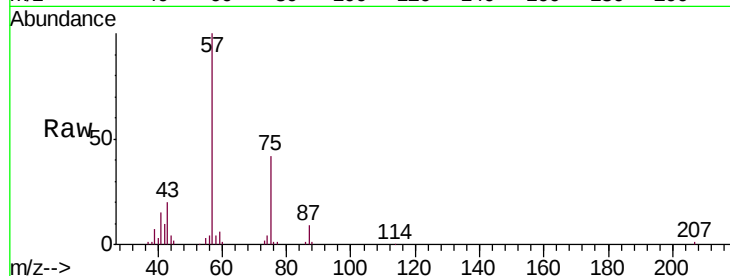
PB111424ZHE#09

Tot Ion: 43 Resp: 18334

Ion Ratio Lower Upper

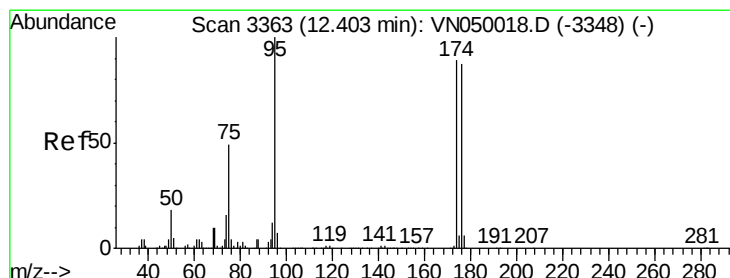
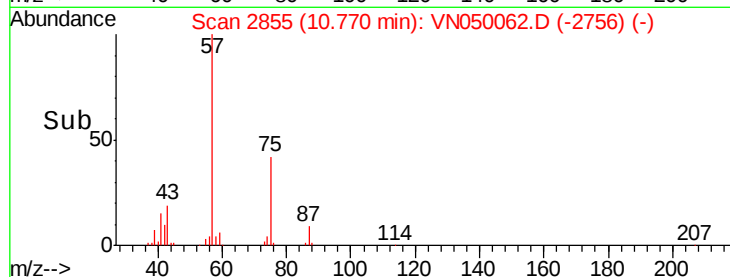
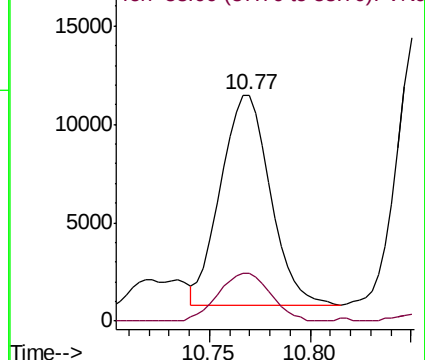
43 100

58 24.0 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 37.63 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050062.D

Acq: 25 Jul 2018 23:29

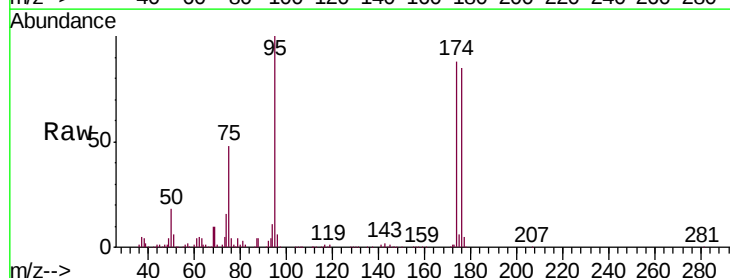
Tgt Ion: 95 Resp: 387572

Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.2

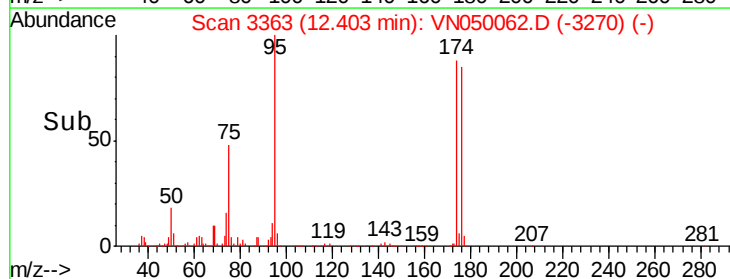
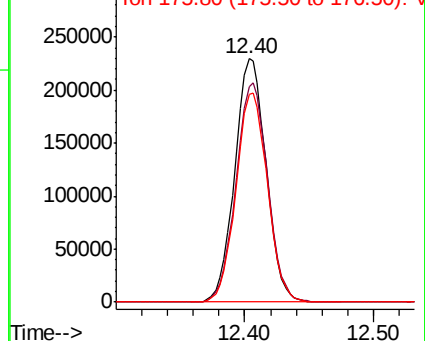
176 86.2 0.0 173.4

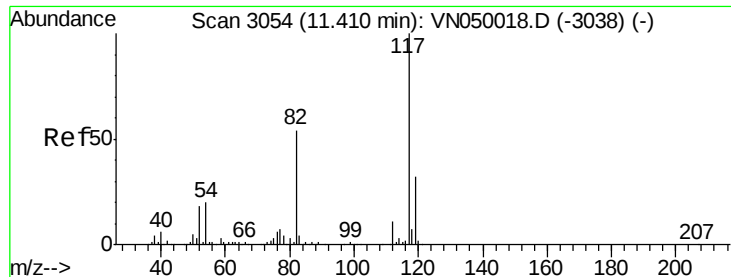


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

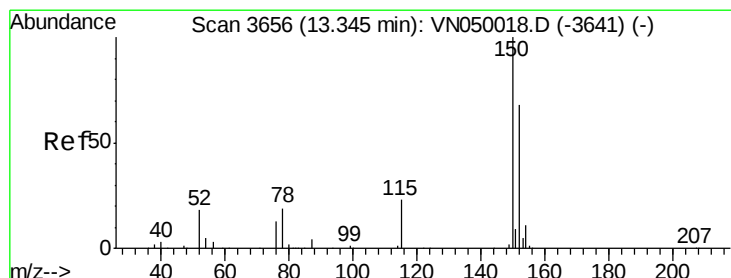
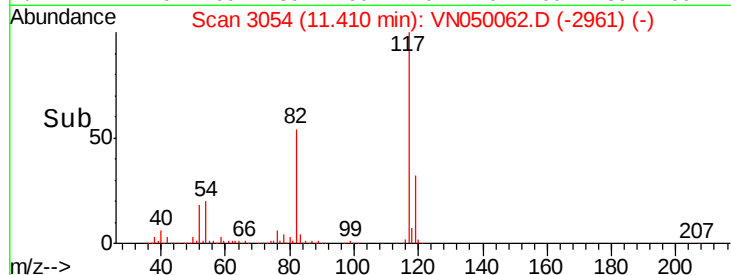
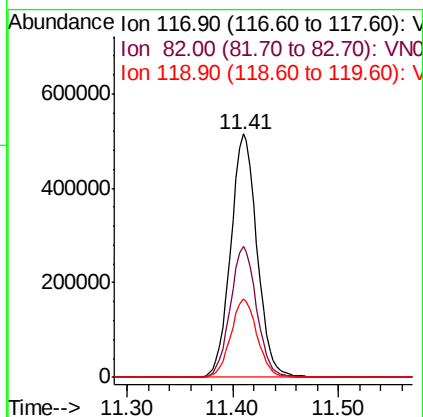
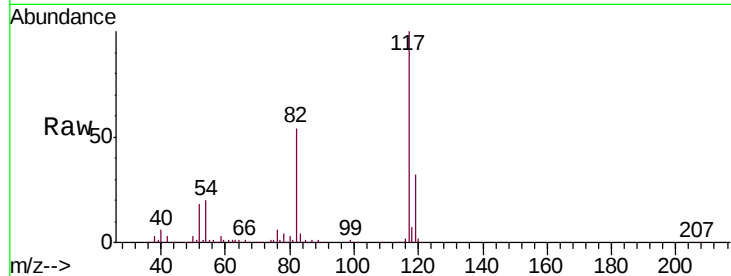




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050062.D
Acq: 25 Jul 2018 23:29

Instrument :
MSVOA_N
ClientSampleId :
PB111424ZHE#09

Tot Ion:117 Resp: 888398
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.0 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: VN050062.D
Acq: 25 Jul 2018 23:29

Tgt Ion:152 Resp: 317753
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.3
150 154.7 0.0 348.6

