

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050697.D
 Acq On : 16 Aug 2018 13:25
 Operator : MD\SY
 Sample : PB112098ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112098ZHE#02

Quant Time: Aug 17 04:09:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	666910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1008633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	414174	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	467751	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	
35) Dibromofluoromethane	7.59	113	432946	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	10.09	98	1563407	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	
62) 4-Bromofluorobenzene	12.40	95	466675	41.62	ug/l	0.00
Spiked Amount			Recovery	=	83.24%	

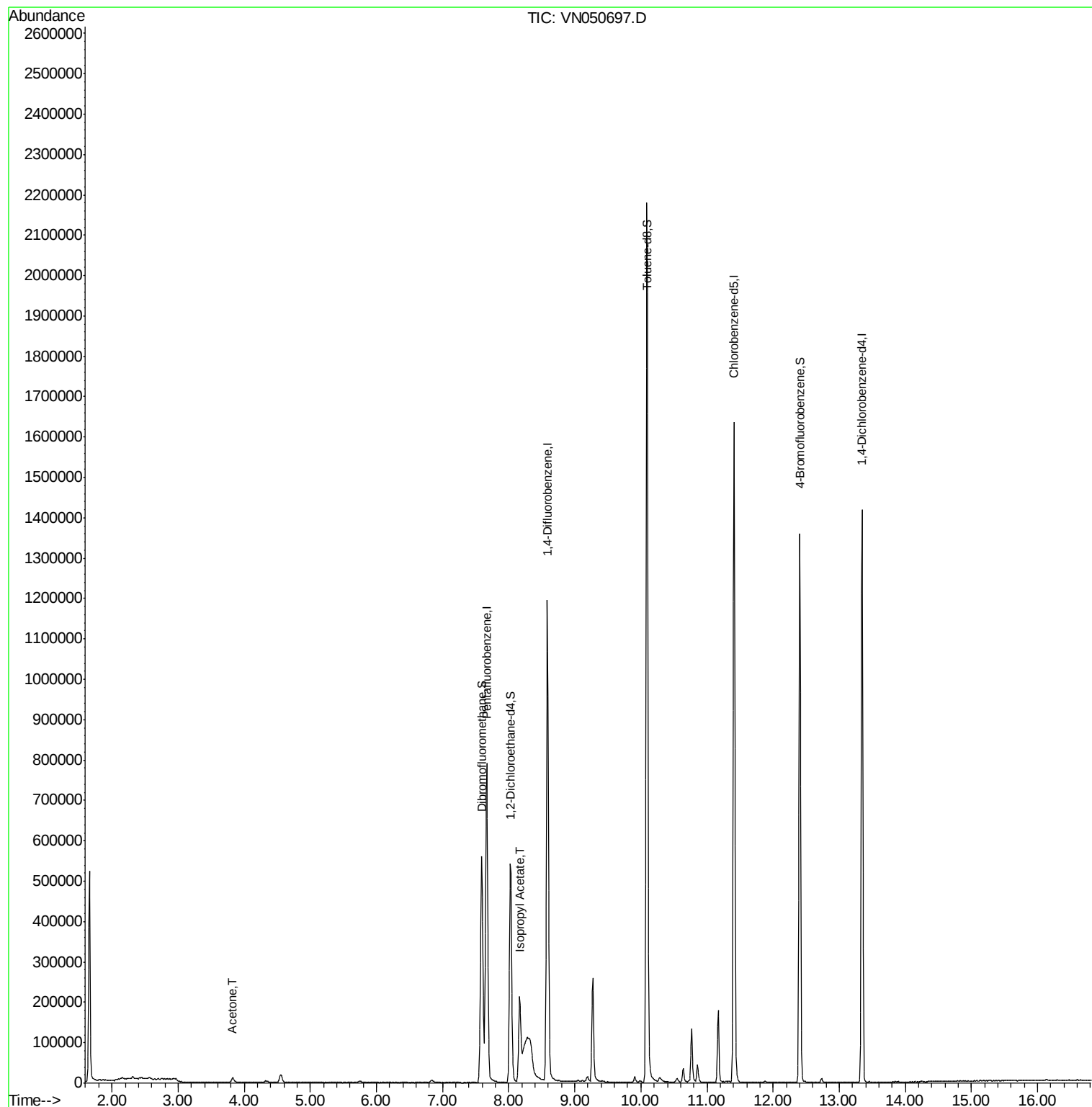
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	20852	8.53	ug/l	97
43) Isopropyl Acetate	8.17	43	267244	20.63	ug/l	98

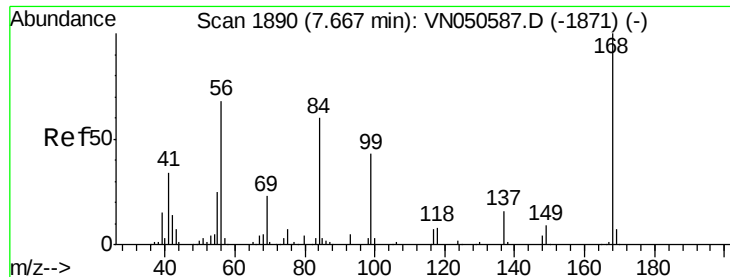
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
Data File : VN050697.D
Acq On : 16 Aug 2018 13:25
Operator : MD\SY
Sample : PB112098ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#02

Quant Time: Aug 17 04:09:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050697.D

Acq: 16 Aug 2018 13:25

Instrument :

MSVOA_N

ClientSampleId :

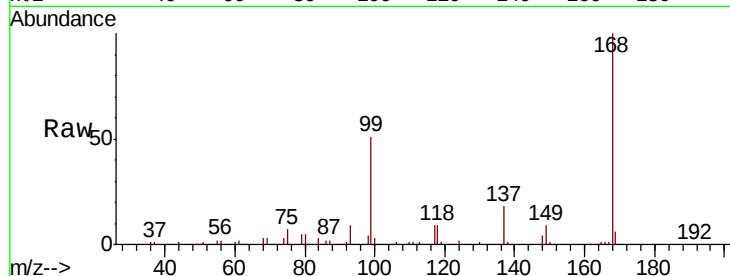
PB112098ZHE#02

Tot Ion:168 Resp: 666910

Ion Ratio Lower Upper

168 100

99 51.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

300000

250000

200000

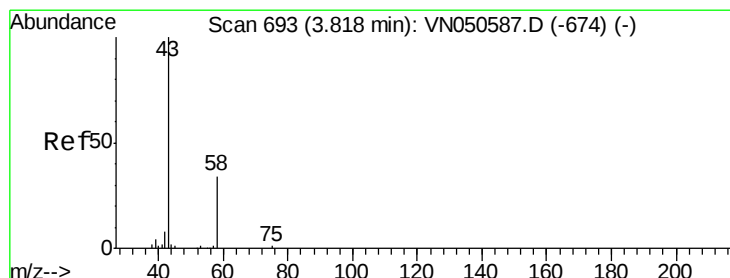
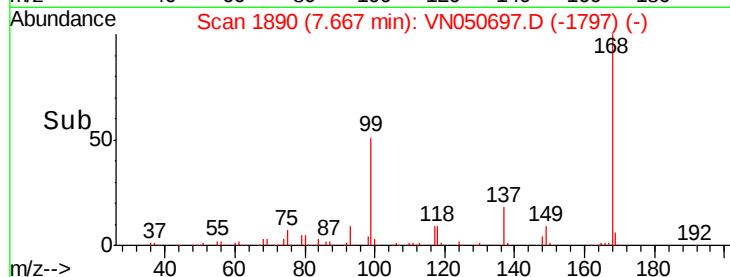
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.53 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050697.D

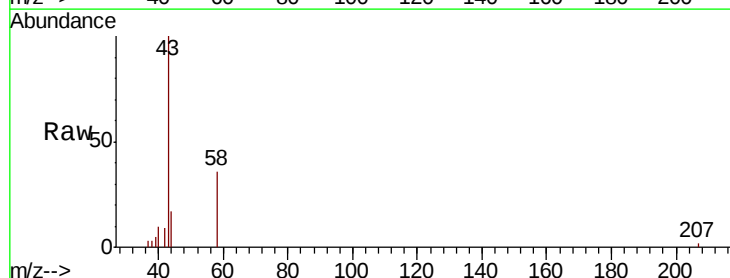
Acq: 16 Aug 2018 13:25

Tgt Ion: 43 Resp: 20852

Ion Ratio Lower Upper

43 100

58 35.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.82

8000

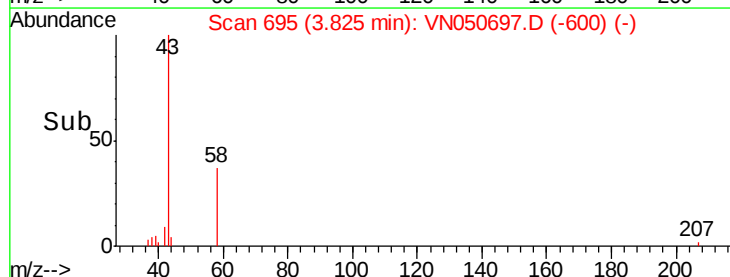
6000

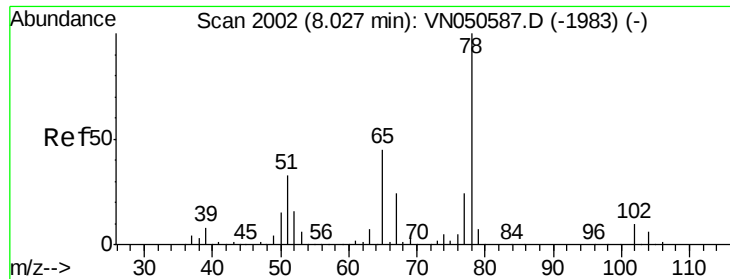
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.64 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN050697.D

Acq: 16 Aug 2018 13:25

Instrument :

MSVOA_N

ClientSampleId :

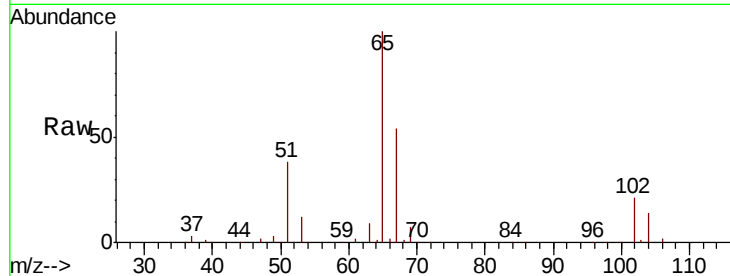
PB112098ZHE#02

Tot Ion: 65 Resp: 467751

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN050587.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050587.D (-1983) (-)

8.03

200000

150000

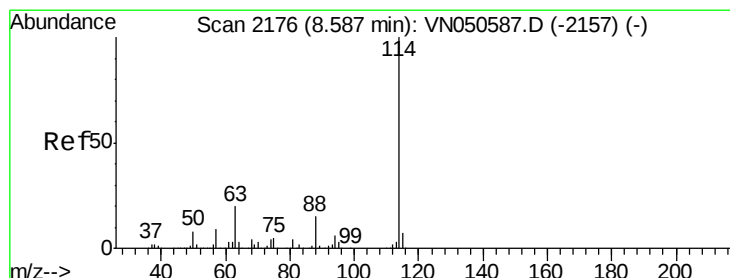
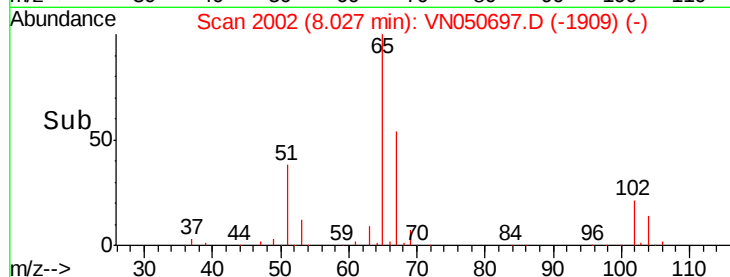
100000

50000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050697.D

Acq: 16 Aug 2018 13:25

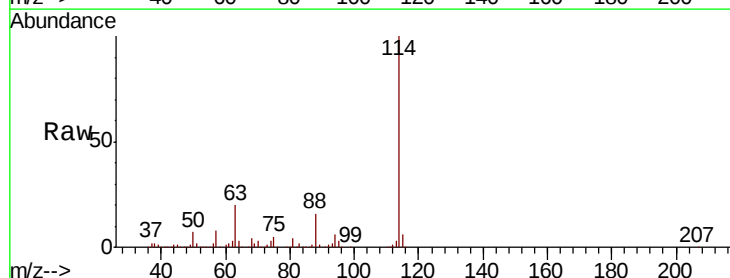
Tgt Ion: 114 Resp: 1129709

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.6 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN050587.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN050587.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN050587.D (-2157) (-)

8.59

600000

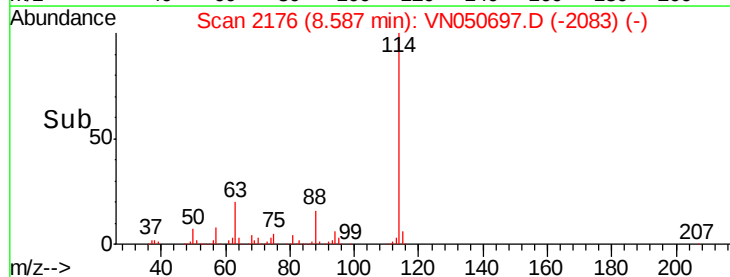
400000

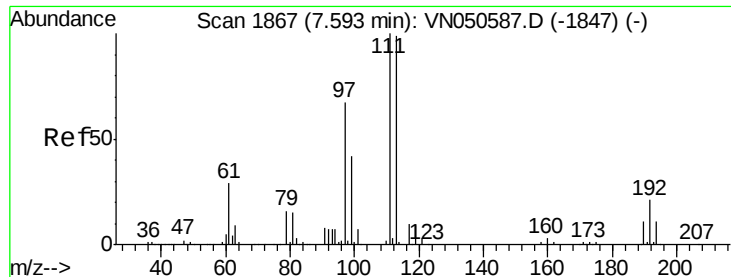
200000

0

Time-->

8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 48.00 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050697.D

Acq: 16 Aug 2018 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB112098ZHE#02

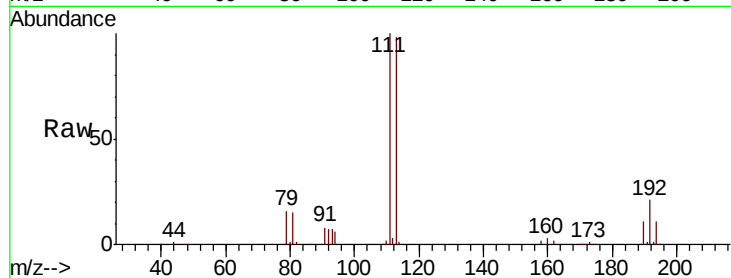
Tot Ion:113 Resp: 432946

Ion Ratio Lower Upper

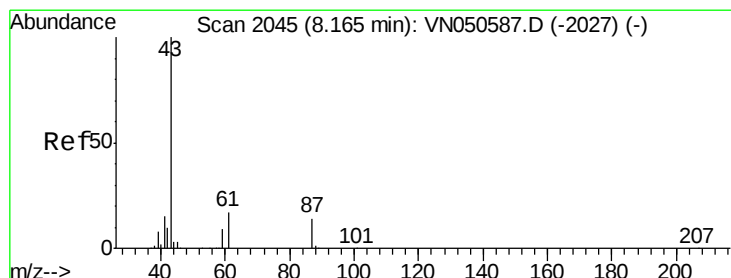
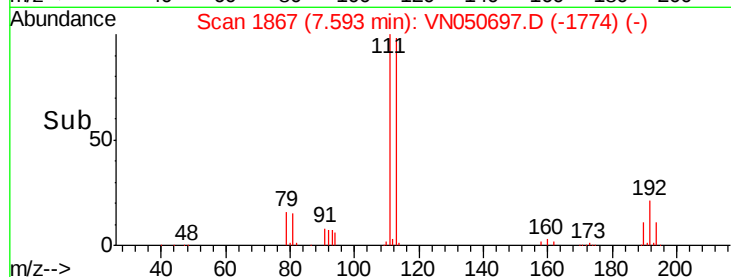
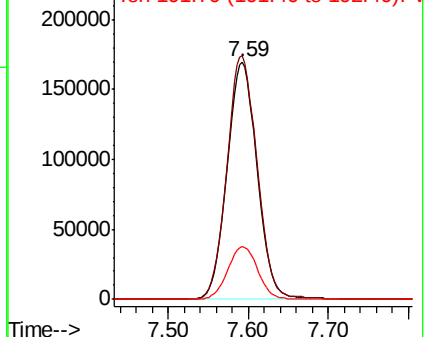
113 100

111 103.3 81.0 121.6

192 22.1 17.6 26.4



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: 20.63 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050697.D

Acq: 16 Aug 2018 13:25

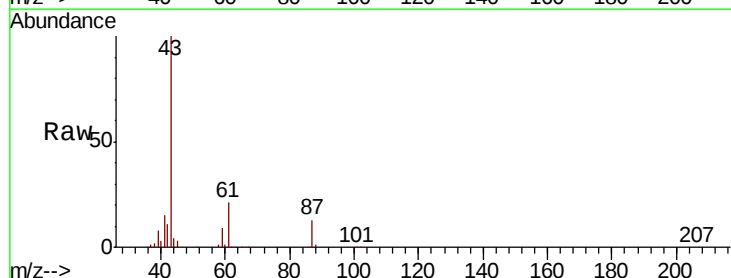
Tgt Ion: 43 Resp: 267244

Ion Ratio Lower Upper

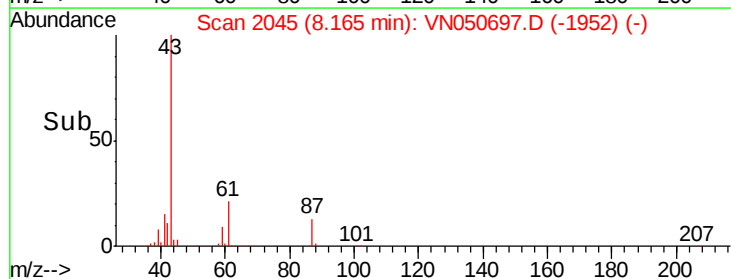
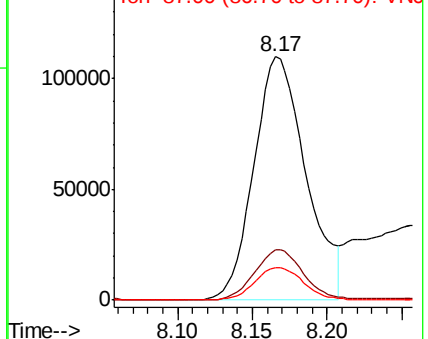
43 100

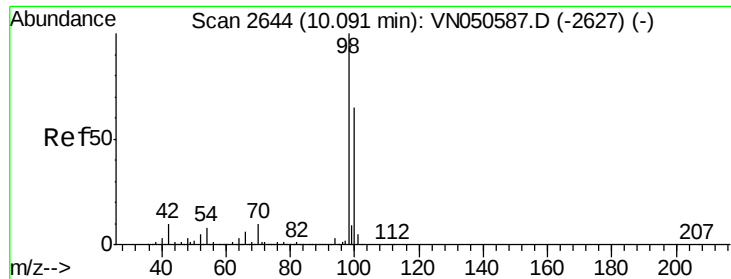
61 19.7 16.2 24.2

87 12.6 10.9 16.3



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





#50

Toluene-d8

Concen: 46.06 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050697.D

Acq: 16 Aug 2018 13:25

Instrument :

MSVOA_N

ClientSampleId :

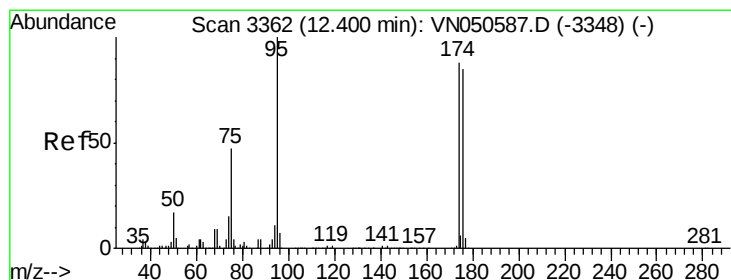
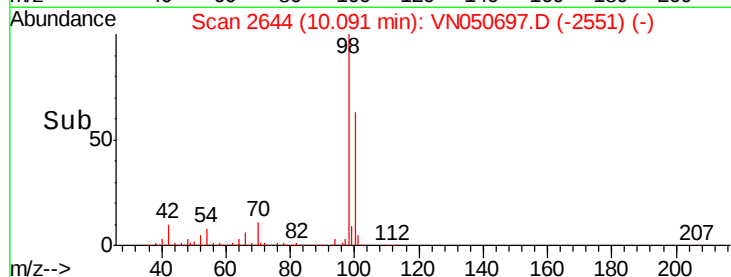
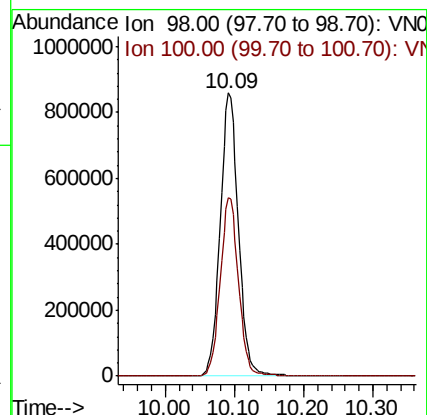
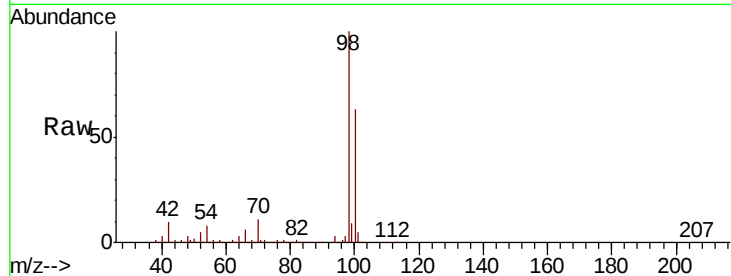
PB112098ZHE#02

Tot Ion: 98 Resp: 1563407

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 41.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050697.D

Acq: 16 Aug 2018 13:25

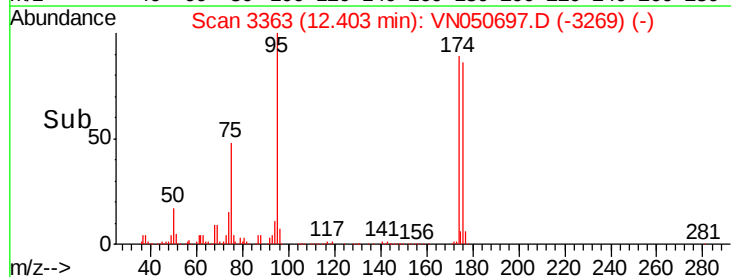
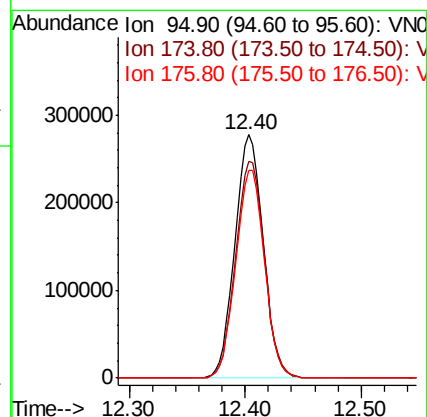
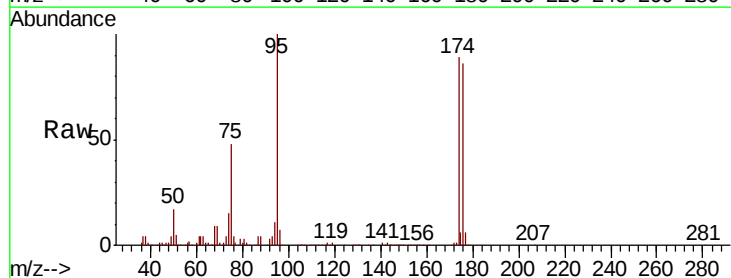
Tgt Ion: 95 Resp: 466675

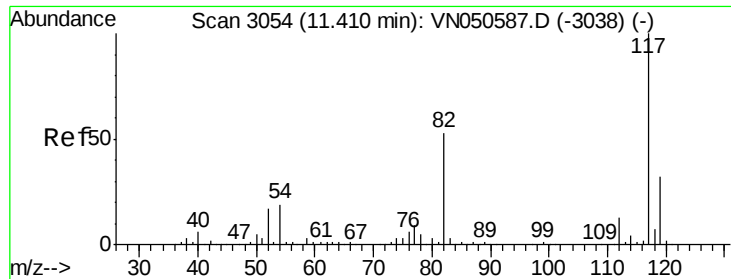
Ion Ratio Lower Upper

95 100

174 91.1 0.0 177.8

176 86.8 0.0 175.0

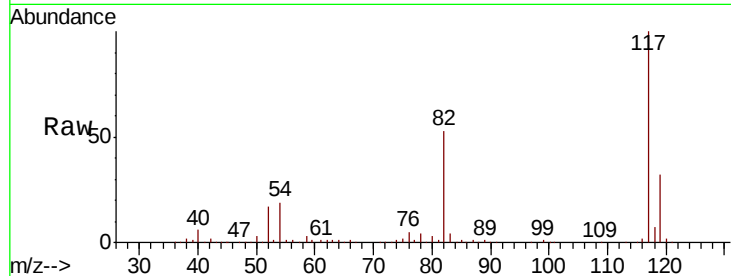




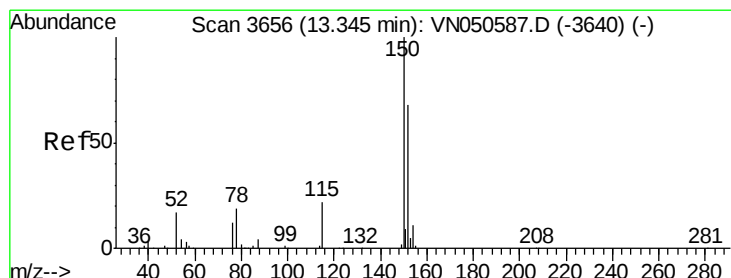
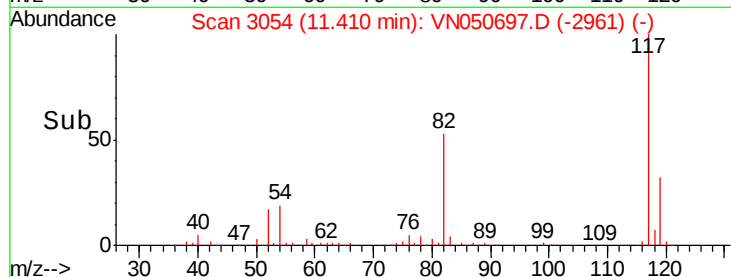
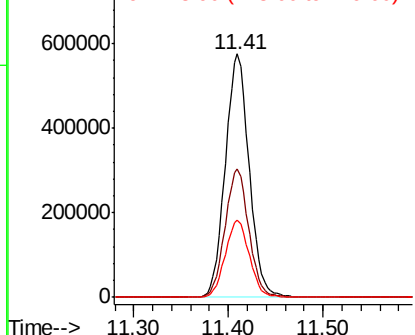
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#02

Tot Ion:117 Resp: 1008633
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 31.7 25.8 38.8

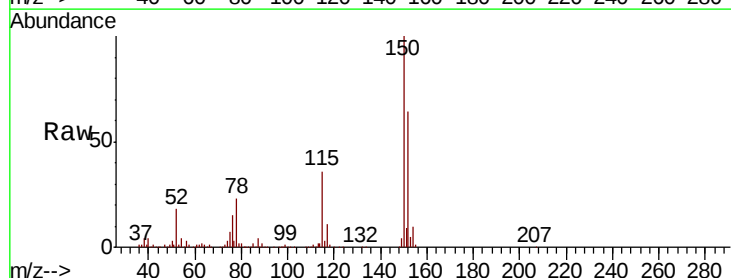


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion:152 Resp: 414174
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.2
150 156.6 0.0 347.8



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

