

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049800.D
 Acq On : 13 Jul 2018 16:35
 Operator : MD\SY
 Sample : PB111069ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#03

Quant Time: Jul 14 00:14:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1251845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1934239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1640553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	615170	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	823189	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.06%	
35) Dibromofluoromethane	7.60	113	752564	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
50) Toluene-d8	10.09	98	2635518	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.40	95	736928	41.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.68%	

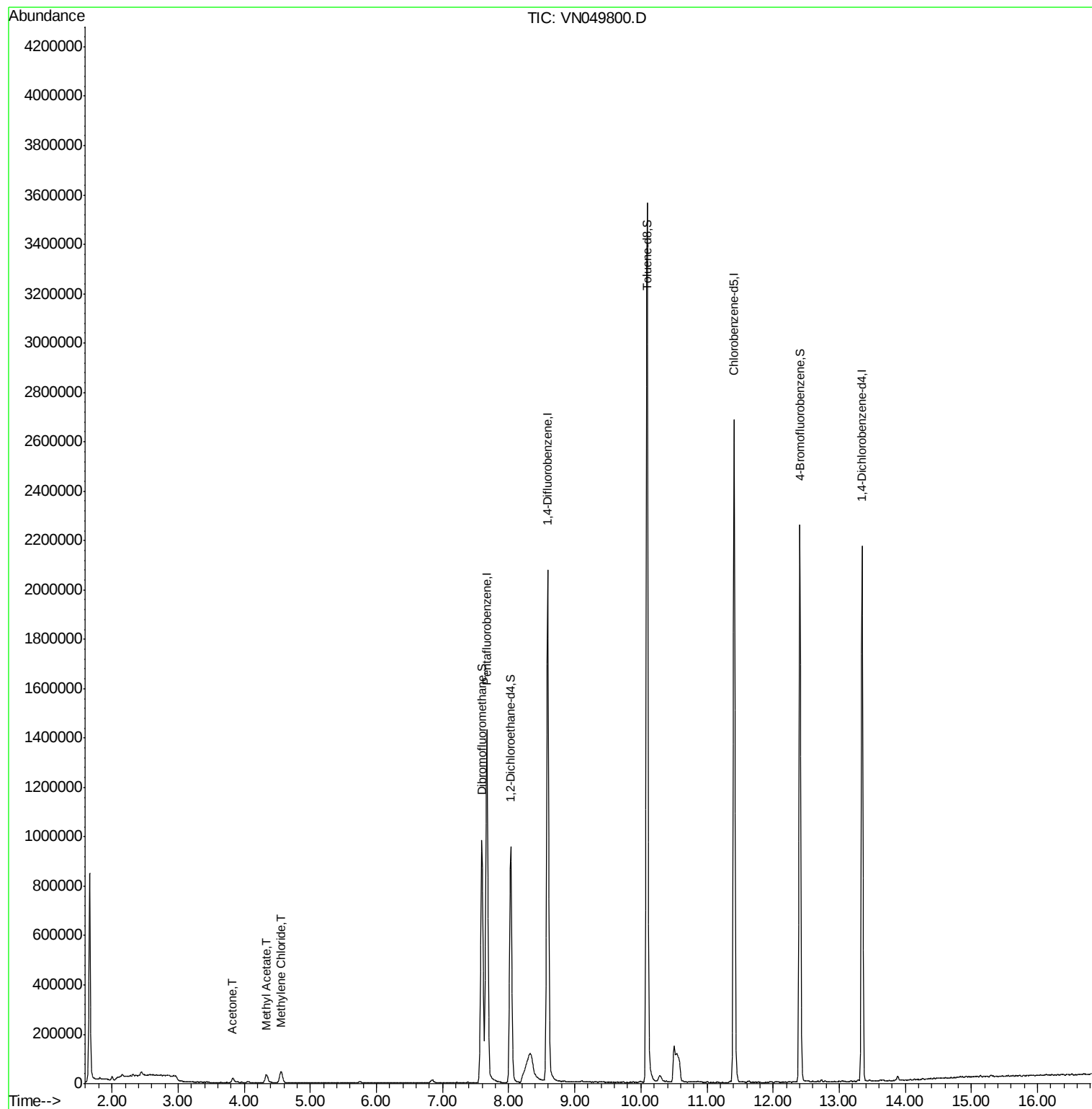
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	28953	6.05	ug/l	88
18) Methyl Acetate	4.33	43	65146	4.69	ug/l	99
20) Methylene Chloride	4.55	84	34917	1.45	ug/l	93

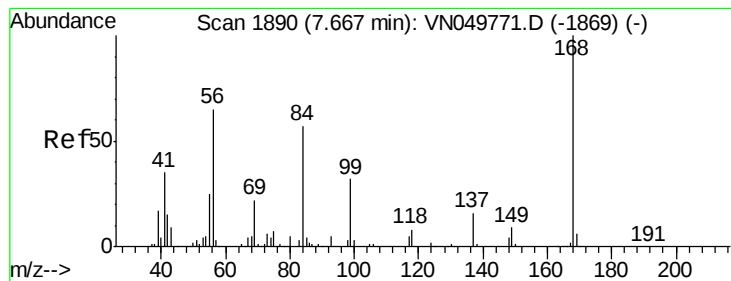
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049800.D

Acq: 13 Jul 2018 16:35

Instrument :

MSVOA_N

ClientSampleId :

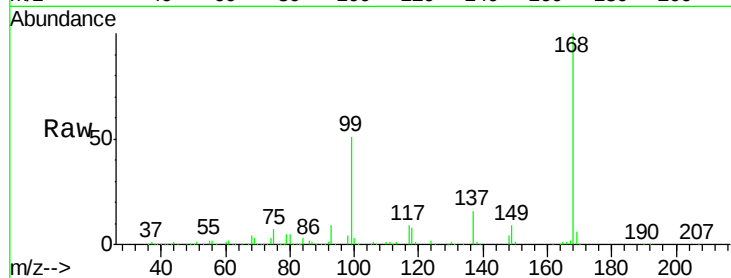
PB111069ZHE#03

Tot Ion:168 Resp: 1251845

Ion Ratio Lower Upper

168 100

99 51.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

100000

0

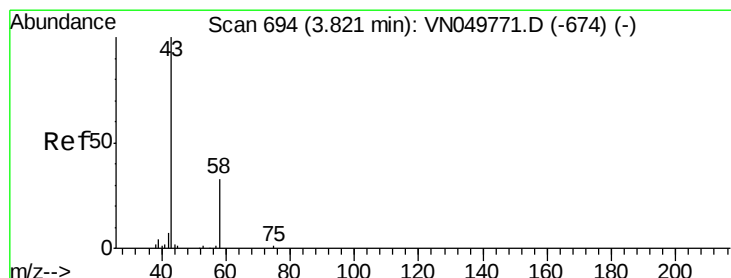
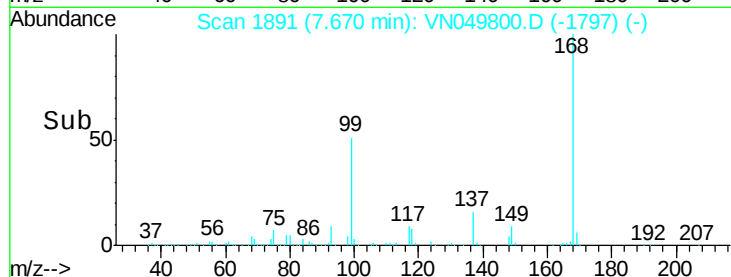
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 6.05 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049800.D

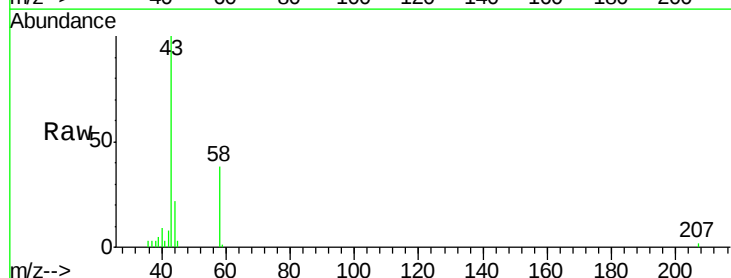
Acq: 13 Jul 2018 16:35

Tgt Ion: 43 Resp: 28953

Ion Ratio Lower Upper

43 100

58 38.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

5000

0

3.83

3.70

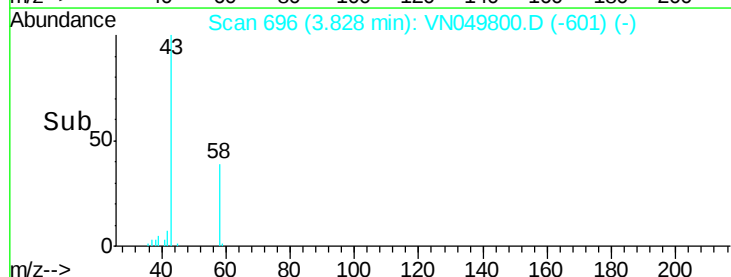
3.75

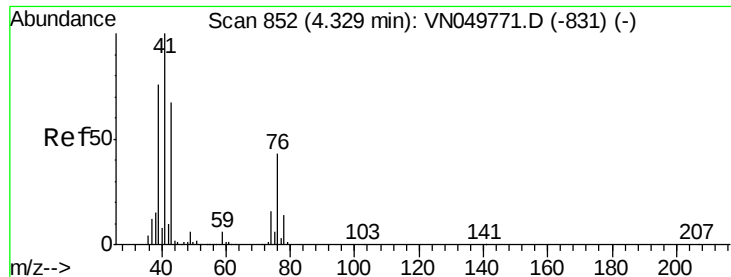
3.80

3.85

3.90

Time-->

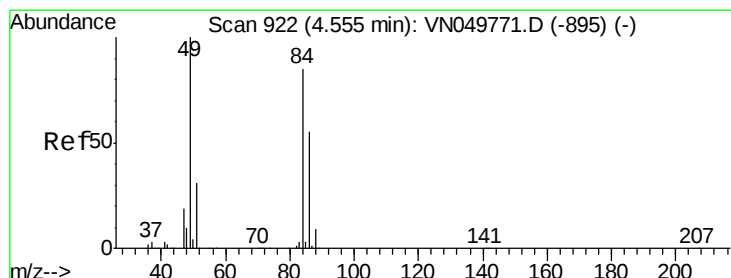
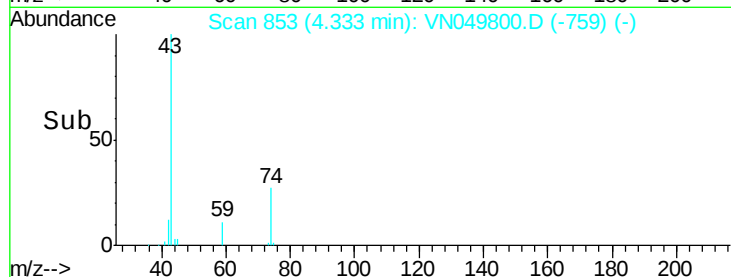
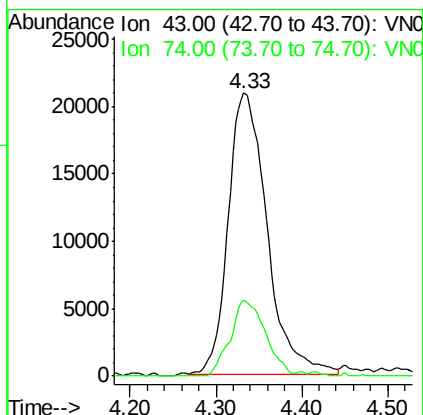
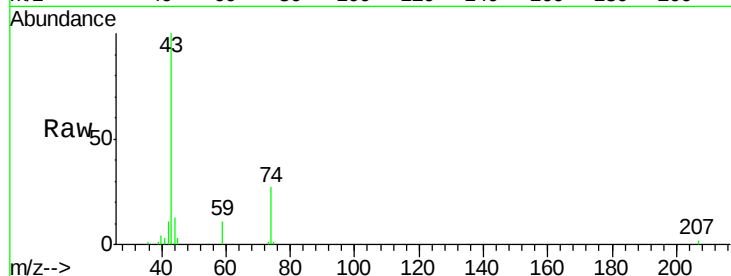




#18
Methvl Acetate
Concen: 4.69 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049800.D
Acq: 13 Jul 2018 16:35

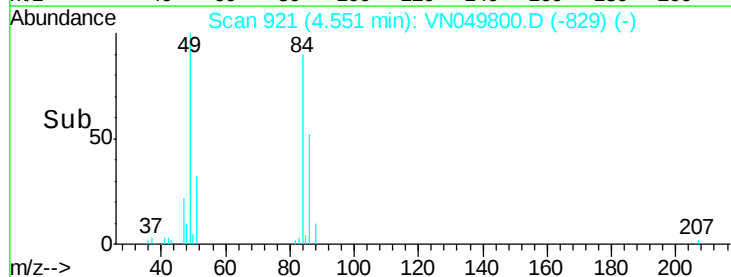
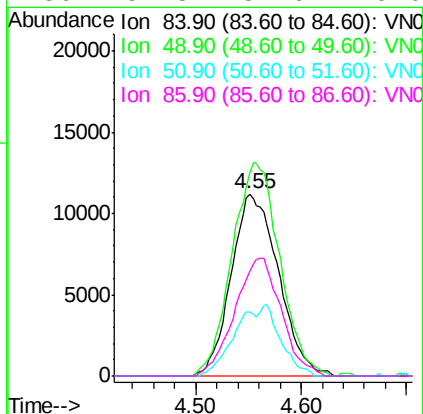
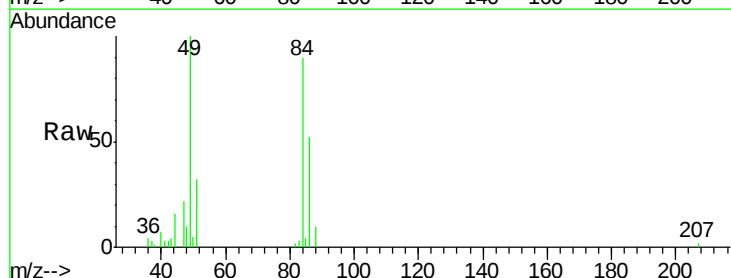
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#03

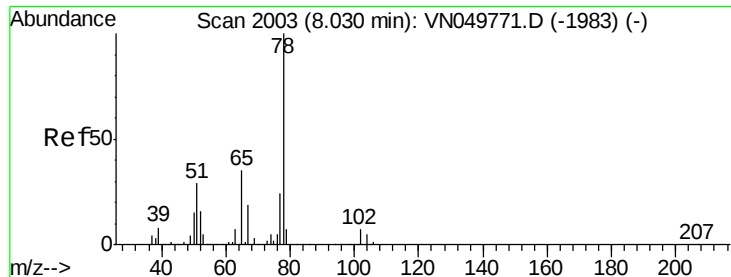
Tot Ion: 43 Resp: 65146
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8



#20
Methylene Chloride
Concen: 1.45 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049800.D
Acq: 13 Jul 2018 16:35

Tgt Ion: 84 Resp: 34917
Ion Ratio Lower Upper
84 100
49 111.7 95.4 143.2
51 35.3 28.4 42.6
86 57.8 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 56.53 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN049800.D

Acq: 13 Jul 2018 16:35

Instrument :

MSVOA_N

ClientSampleId :

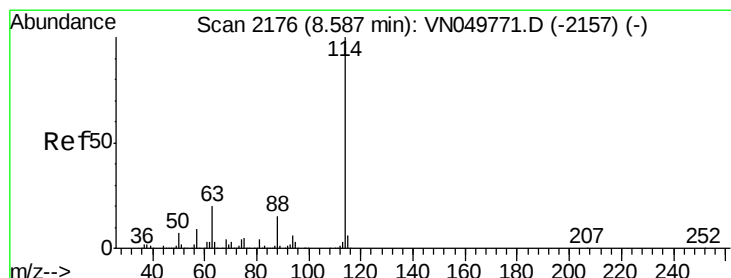
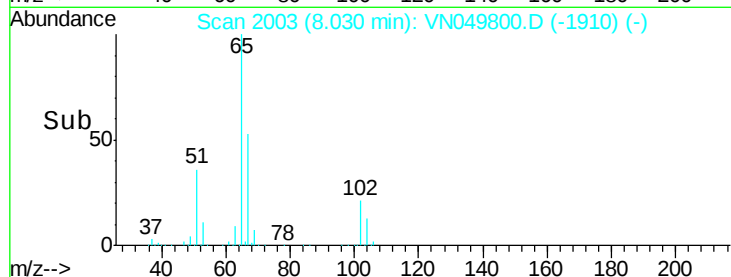
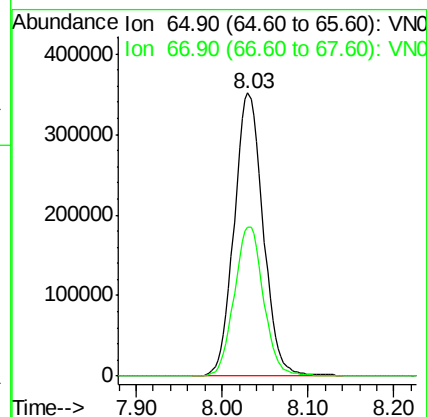
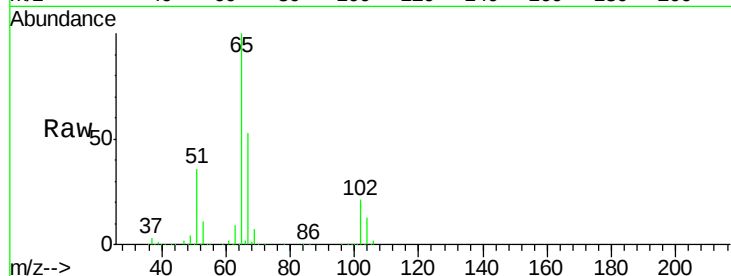
PB111069ZHE#03

Tot Ion: 65 Resp: 823189

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049800.D

Acq: 13 Jul 2018 16:35

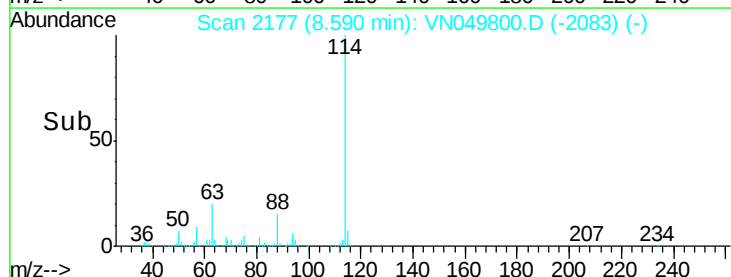
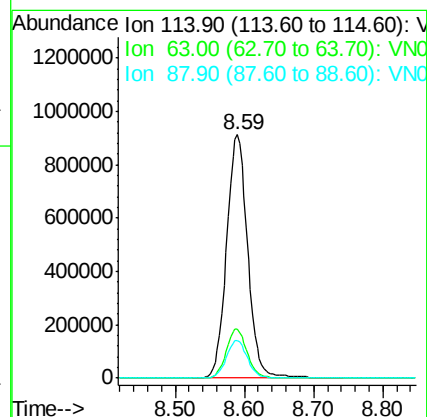
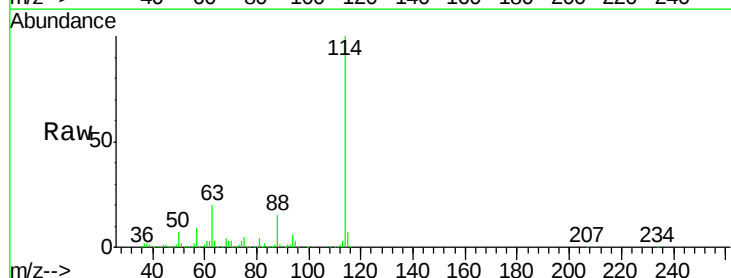
Tgt Ion: 114 Resp: 1934239

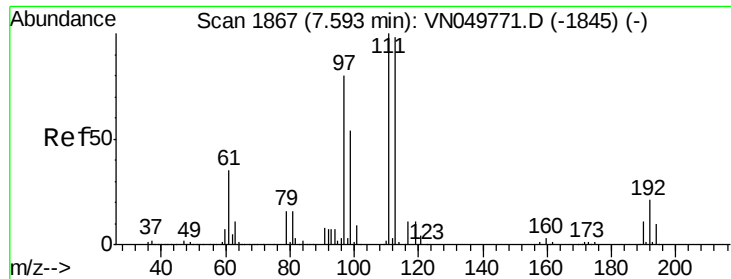
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.62 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN049800.D

Acq: 13 Jul 2018 16:35

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#03

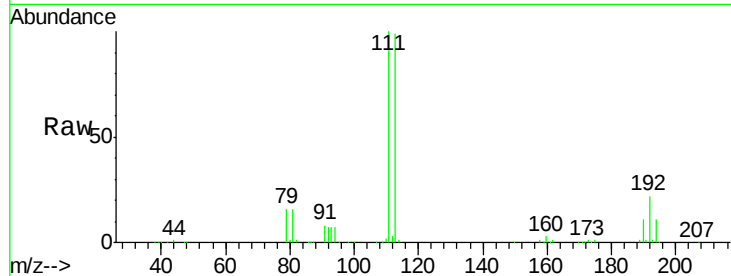
Tot Ion:113 Resp: 752564

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

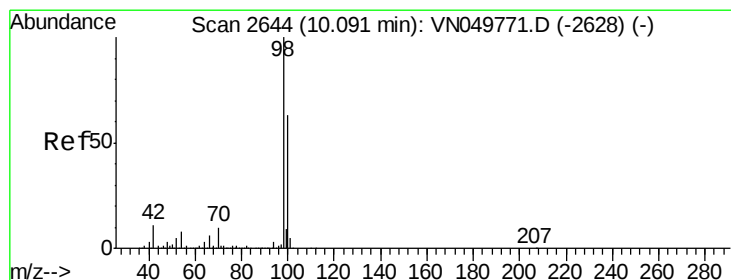
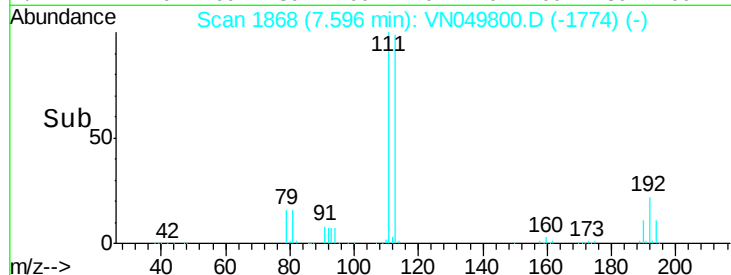
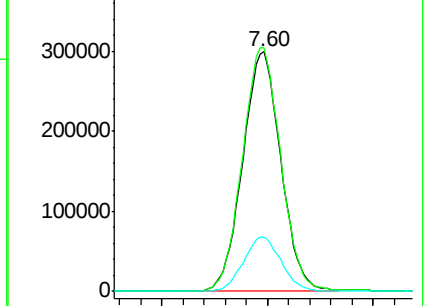
192 22.4 17.8 26.6



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



#50

Toluene-d8

Concen: 52.81 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049800.D

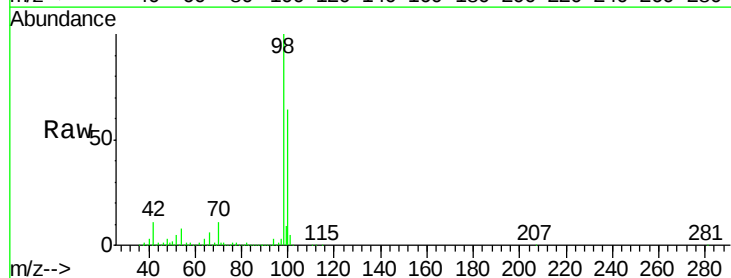
Acq: 13 Jul 2018 16:35

Tgt Ion: 98 Resp: 2635518

Ion Ratio Lower Upper

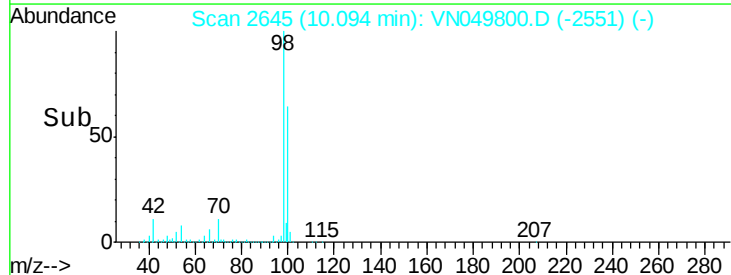
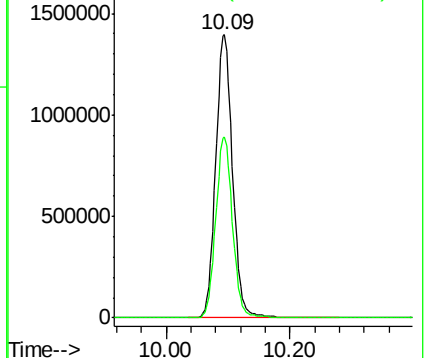
98 100

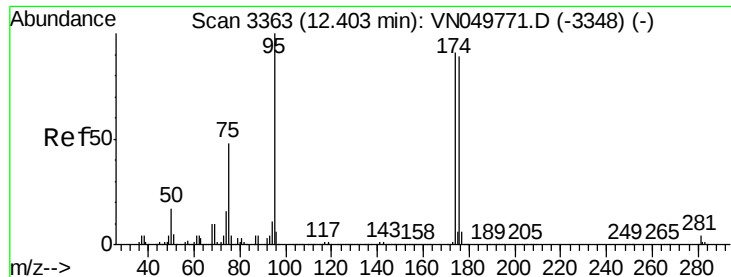
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 41.34 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049800.D

Acq: 13 Jul 2018 16:35

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#03

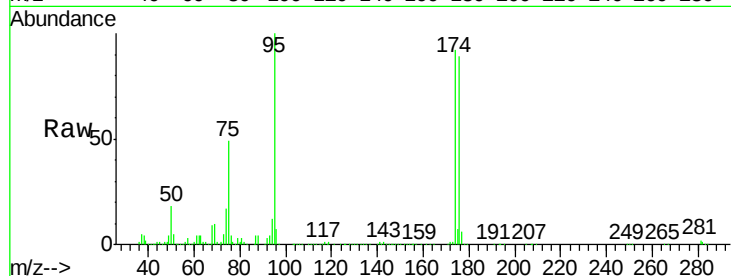
Tot Ion: 95 Resp: 736928

Ion Ratio Lower Upper

95 100

174 91.8 0.0 179.6

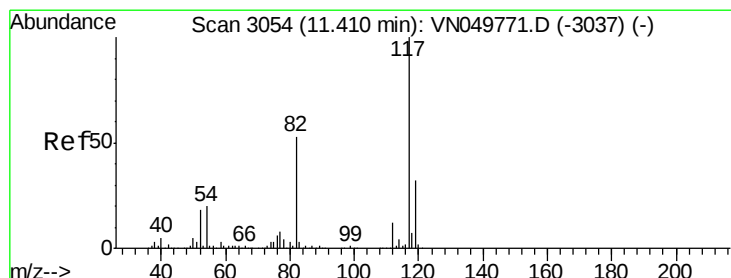
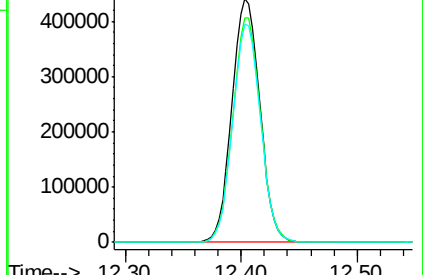
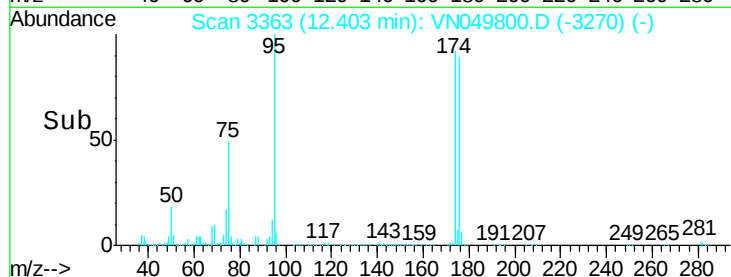
176 88.9 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049800.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049800.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049800.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049800.D

Acq: 13 Jul 2018 16:35

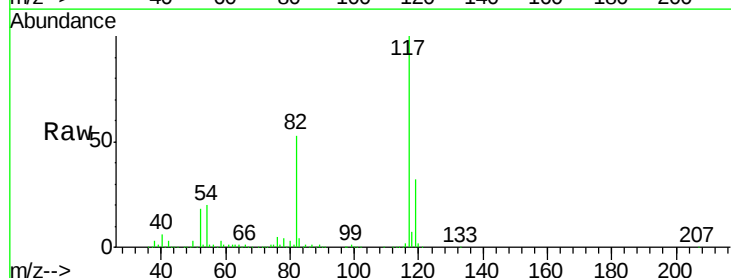
Tgt Ion: 117 Resp: 1640553

Ion Ratio Lower Upper

117 100

82 53.0 41.9 62.9

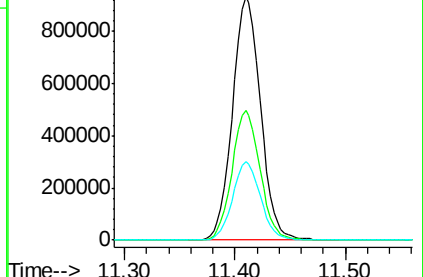
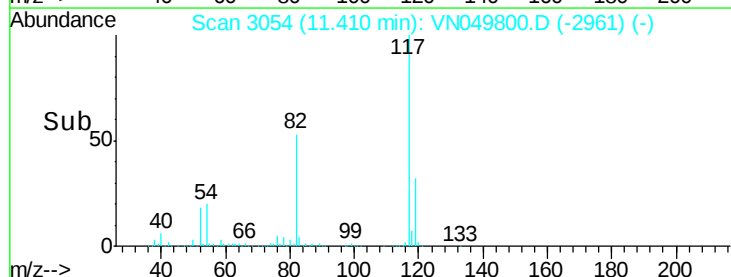
119 32.2 25.4 38.2

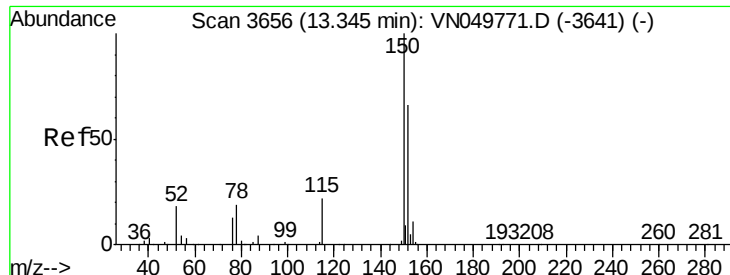


Abundance Ion 116.90 (116.60 to 117.60): VN049800.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049800.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049800.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049800.D

Acq: 13 Jul 2018 16:35

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#03

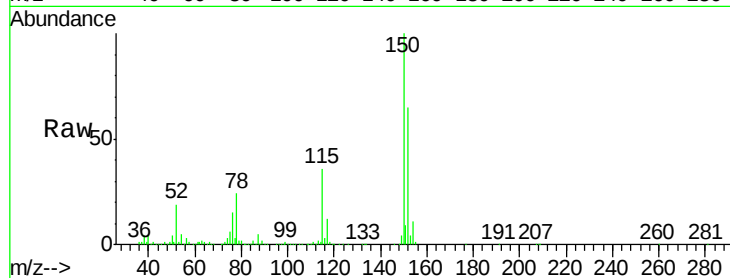
Tot Ion:152 Resp: 615170

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.2

150 156.2 0.0 347.6



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

