

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050390.D
 Acq On : 6 Aug 2018 17:55
 Operator : MD\SY
 Sample : PB11760ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#05

Quant Time: Aug 07 06:18:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	714564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1187792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1030943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	412380	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	494134	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
35) Dibromofluoromethane	7.59	113	442501	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
50) Toluene-d8	10.09	98	1611927	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	
62) 4-Bromofluorobenzene	12.40	95	476926	39.05	ug/l	0.00
Spiked Amount			Recovery	=	78.10%	

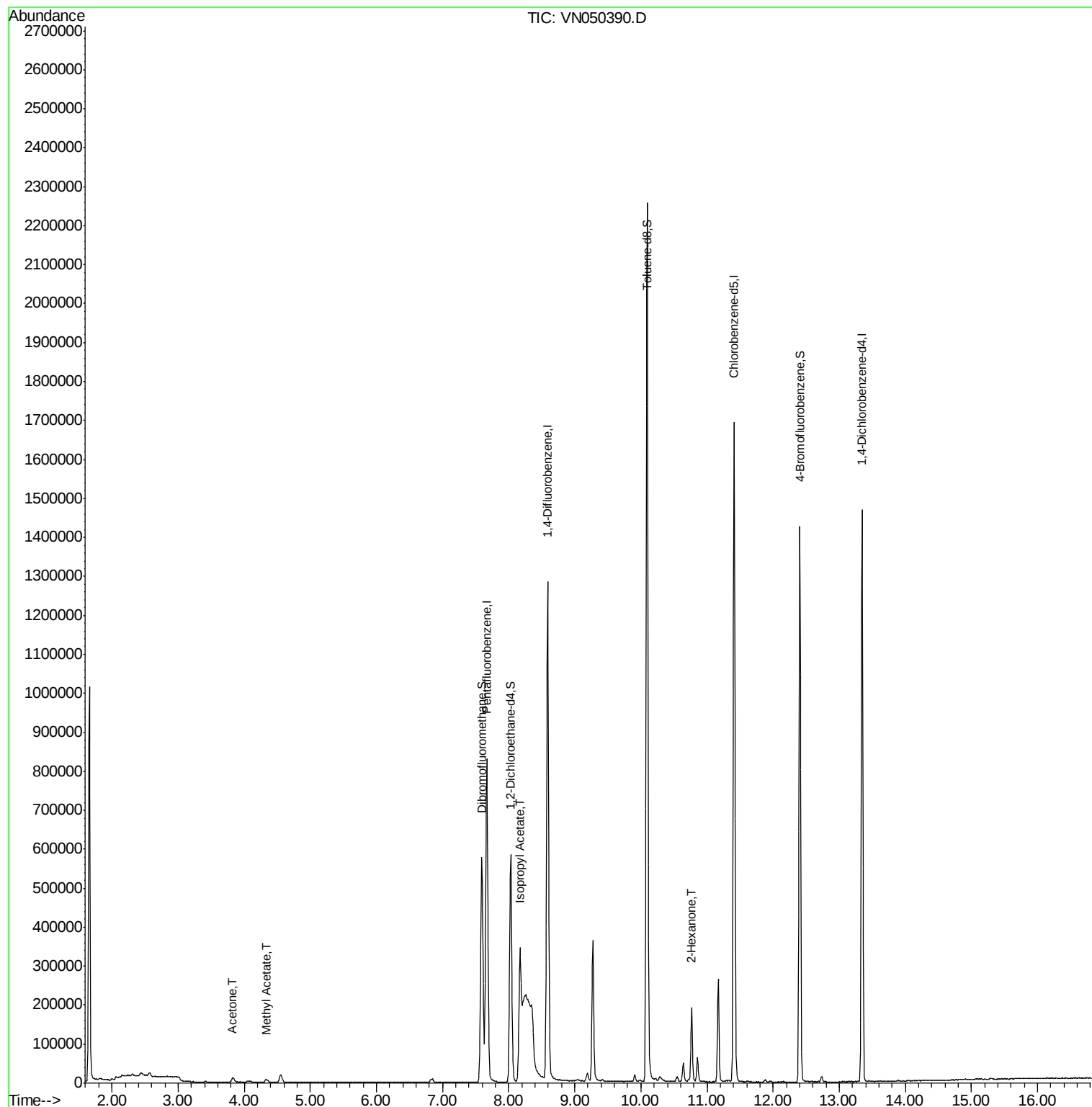
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	22605	7.59	ug/l	97
18) Methyl Acetate	4.33	43	16613	2.06	ug/l	91
43) Isopropyl Acetate	8.17	43	440570	27.15	ug/l #	92
59) 2-Hexanone	10.77	43	26383	3.24	ug/l #	58

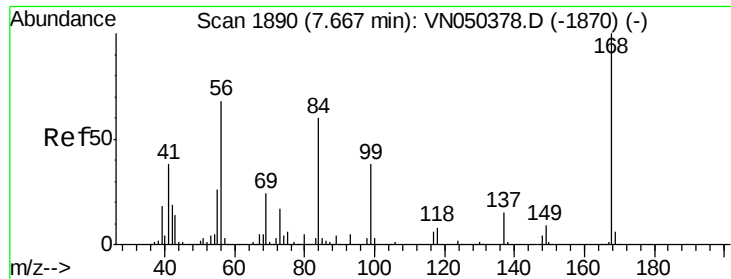
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050390.D
Acq On : 6 Aug 2018 17:55
Operator : MD\SY
Sample : PB11760ZHE#05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#05

Quant Time: Aug 07 06:18:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050390.D

Acq: 6 Aug 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

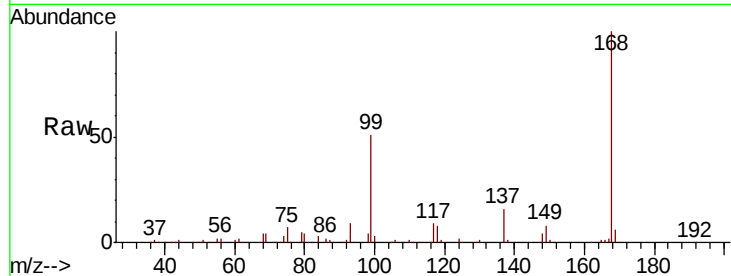
PB11760ZHE#05

Tot Ion:168 Resp: 714564

Ion Ratio Lower Upper

168 100

99 50.9 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

300000

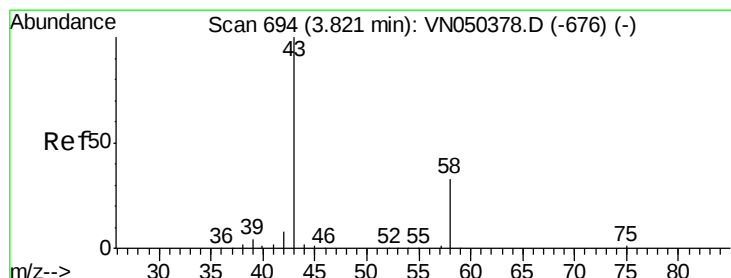
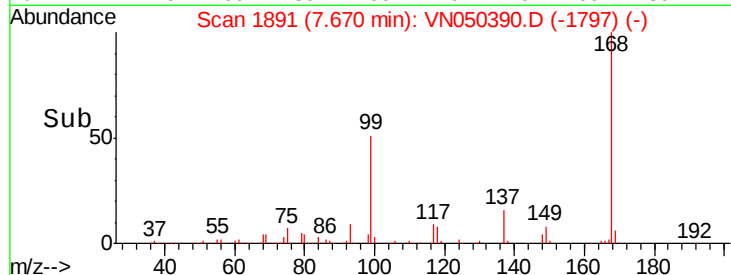
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 7.59 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050390.D

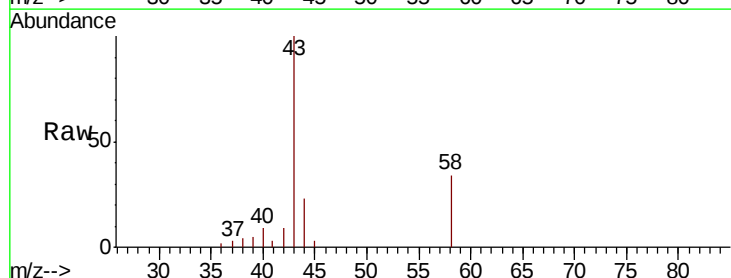
Acq: 6 Aug 2018 17:55

Tgt Ion: 43 Resp: 22605

Ion Ratio Lower Upper

43 100

58 34.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

6000

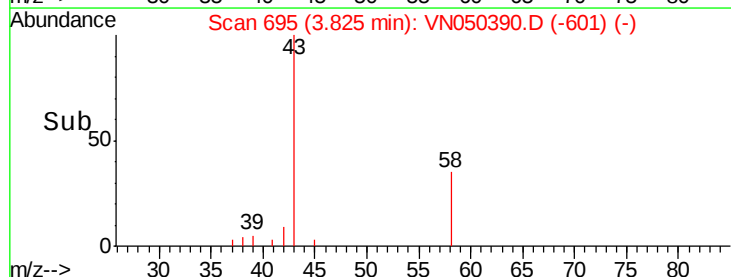
4000

2000

0

Time-->

3.75 3.80 3.85 3.90

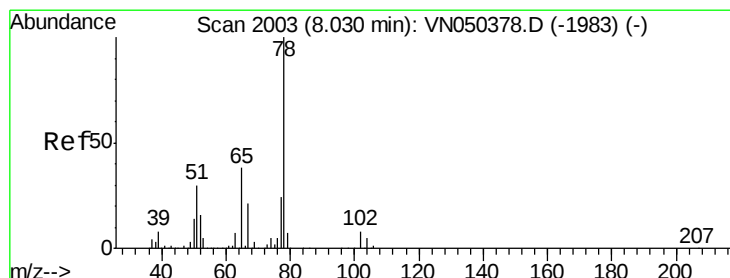
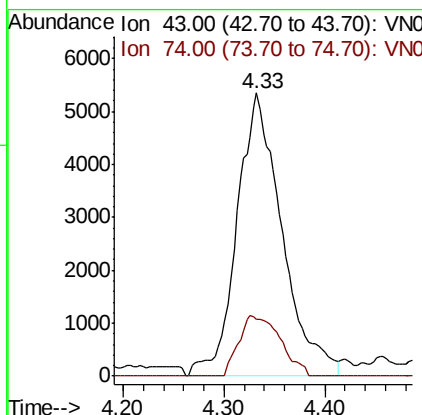
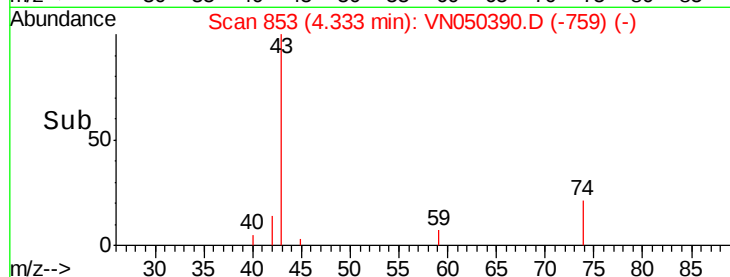
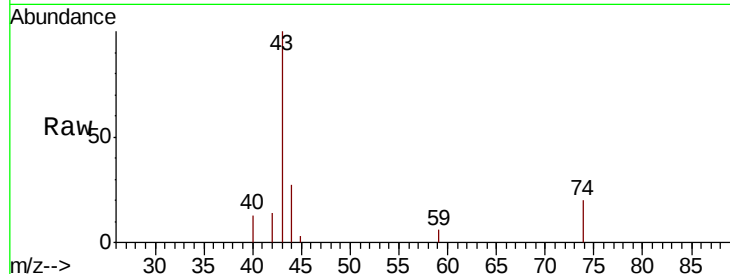




#18
Methyl Acetate
Concen: 2.06 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050390.D
Acq: 6 Aug 2018 17:55

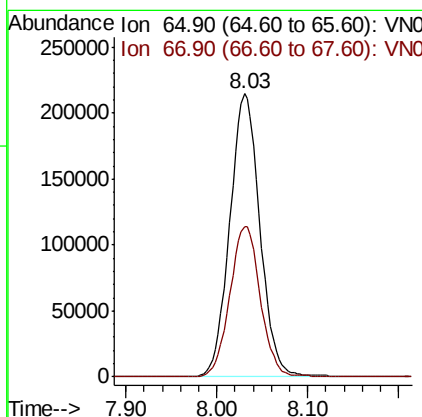
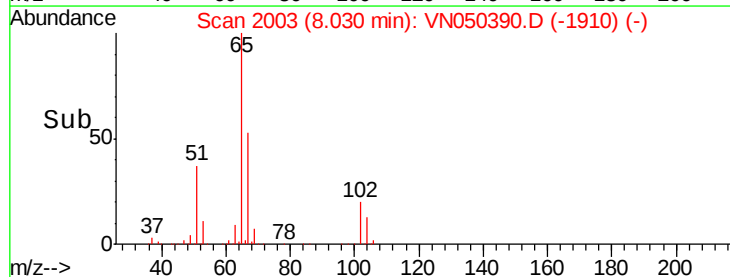
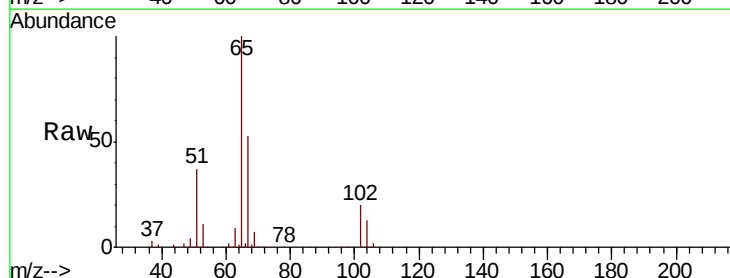
Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#05

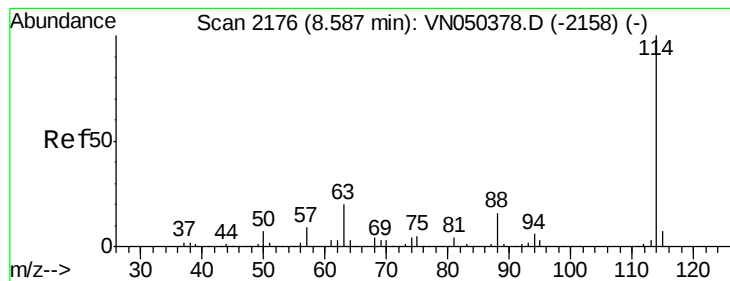
Tot Ion: 43 Resp: 16613
Ion Ratio Lower Upper
43 100
74 19.7 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 51.76 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050390.D
Acq: 6 Aug 2018 17:55

Tgt Ion: 65 Resp: 494134
Ion Ratio Lower Upper
65 100
67 54.0 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: VN050390.D

Acq: 6 Aug 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

PB11760ZHE#05

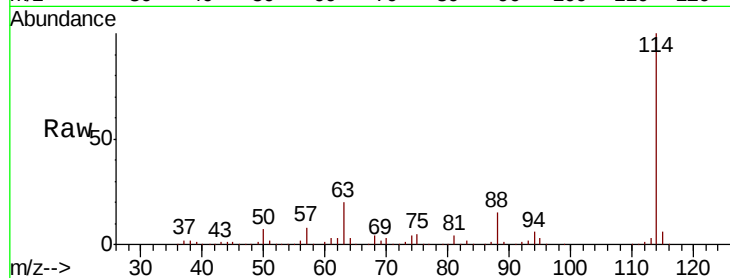
Tot Ion:114 Resp: 1187792

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

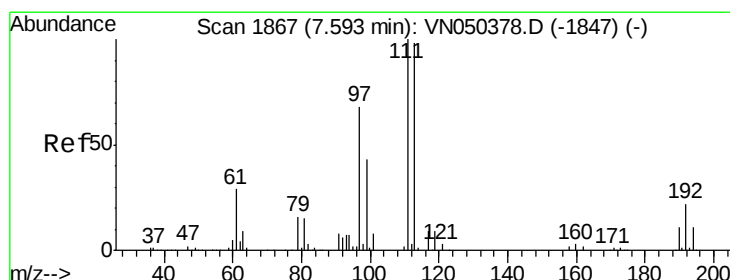
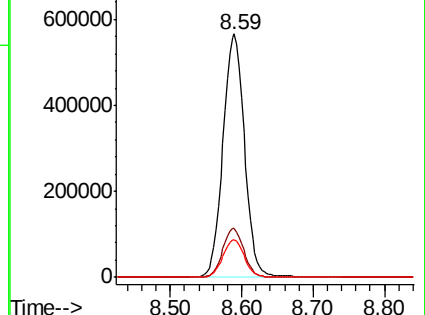
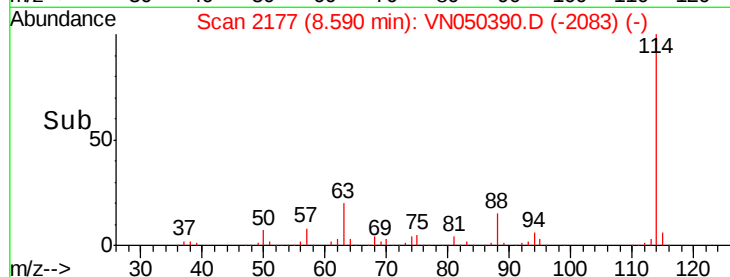
88 15.5 0.0 31.2



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: 46.43 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050390.D

Acq: 6 Aug 2018 17:55

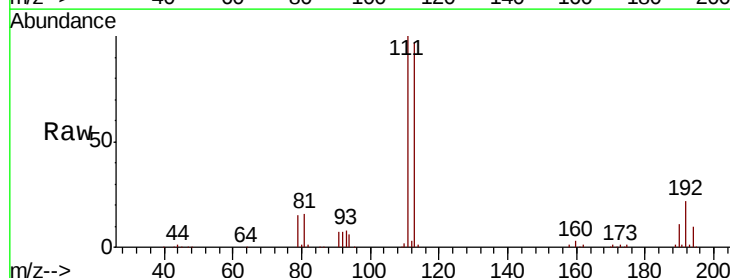
Tgt Ion:113 Resp: 442501

Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

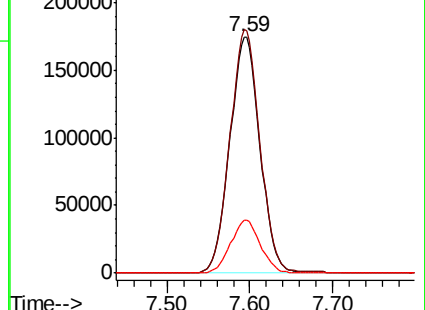
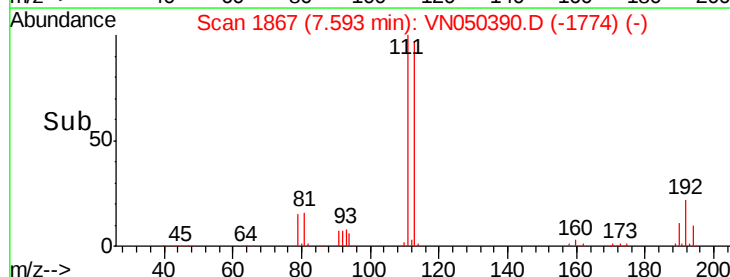
192 22.0 17.8 26.6

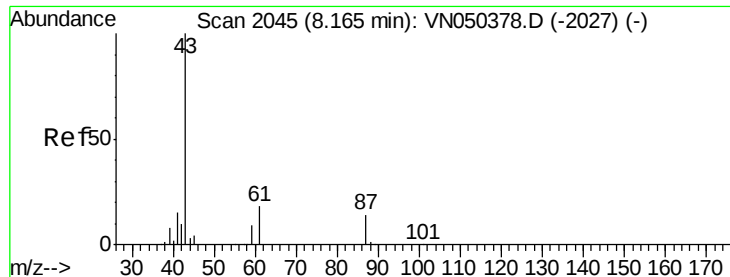


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 27.15 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050390.D

Acq: 6 Aug 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

PB11760ZHE#05

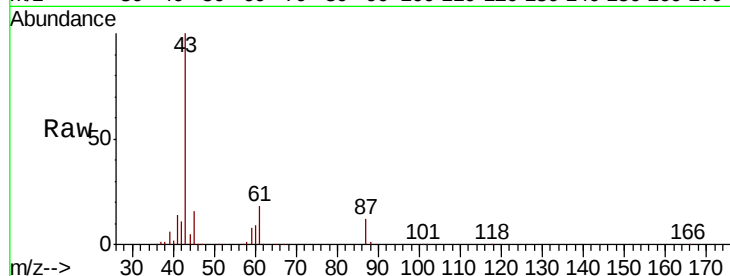
Tot Ion: 43 Resp: 440570

Ion Ratio Lower Upper

43 100

61 15.6 15.8 23.6#

87 10.2 10.3 15.5#

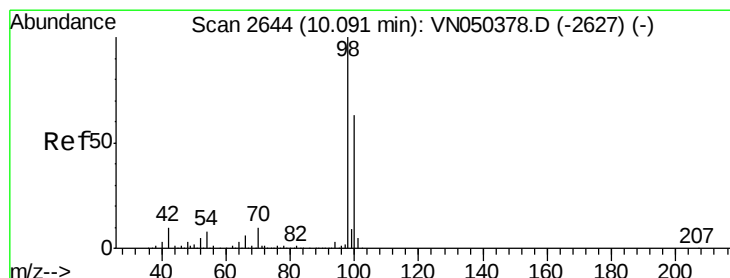
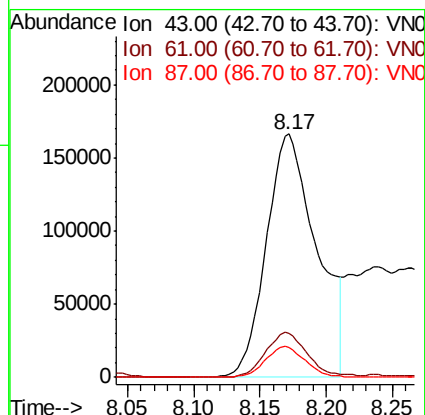
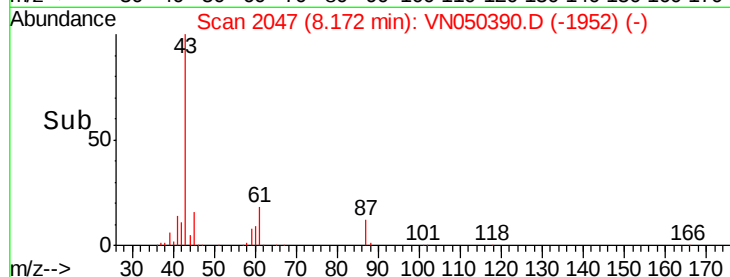


Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)

Time-->



#50

Toluene-d8

Concen: 44.98 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050390.D

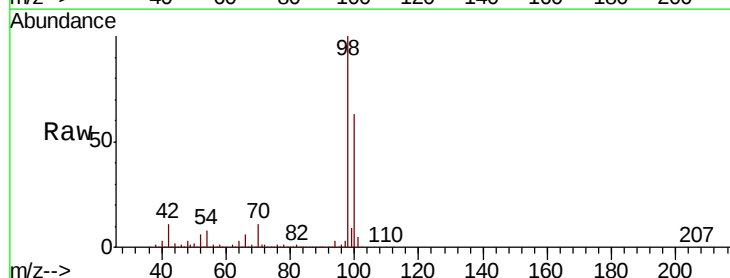
Acq: 6 Aug 2018 17:55

Tgt Ion: 98 Resp: 1611927

Ion Ratio Lower Upper

98 100

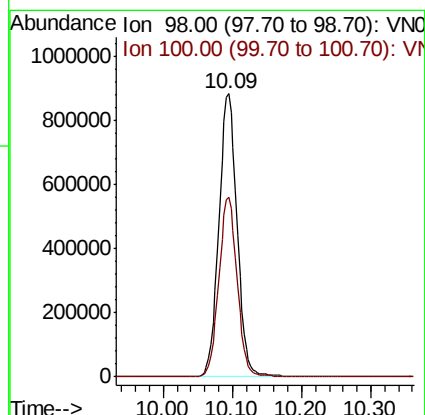
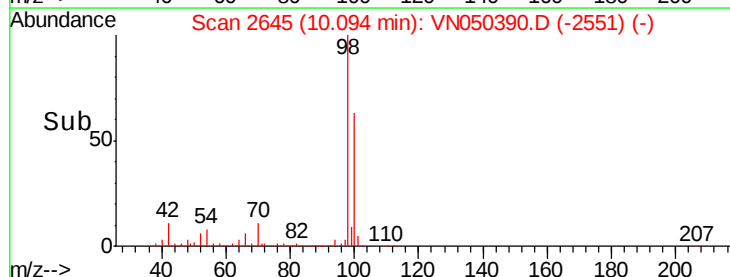
100 63.6 50.7 76.1

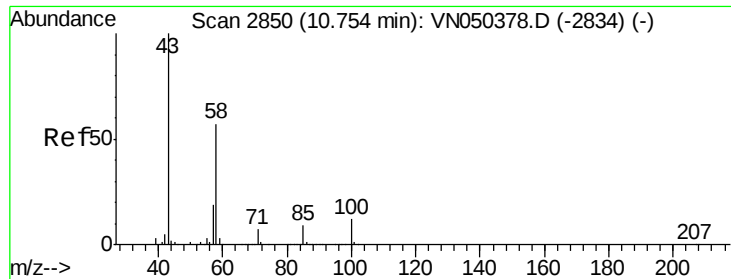


Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050378.D (-2627) (-)

Time-->





#59

2-Hexanone

Concen: 3.24 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050390.D

Acq: 6 Aug 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

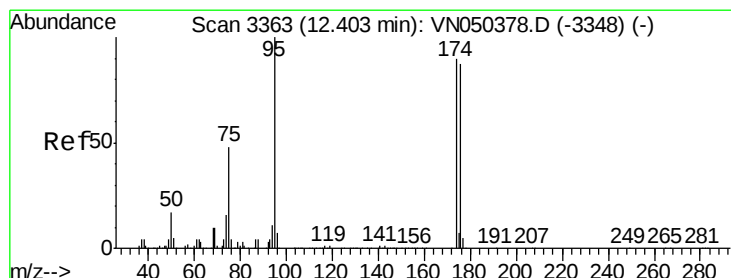
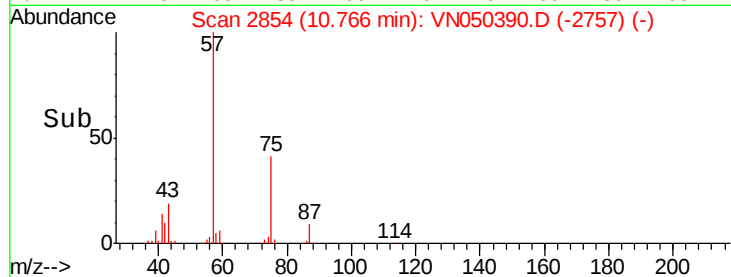
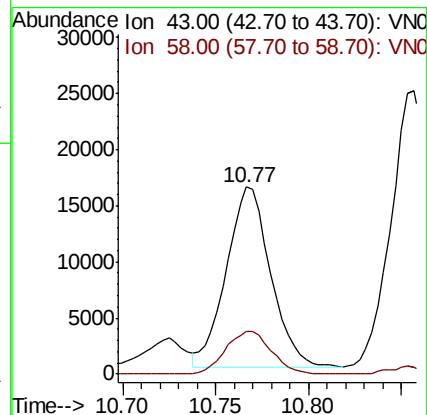
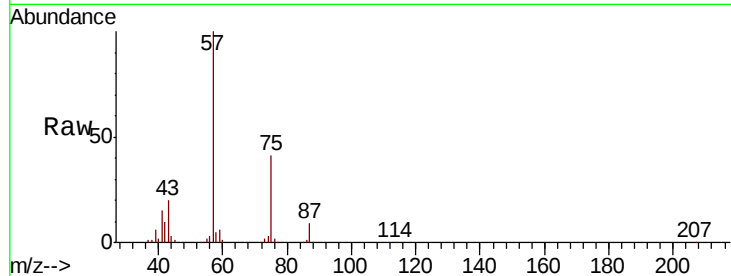
PB11760ZHE#05

Tot Ion: 43 Resp: 26383

Ion Ratio Lower Upper

43 100

58 24.7 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 39.05 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050390.D

Acq: 6 Aug 2018 17:55

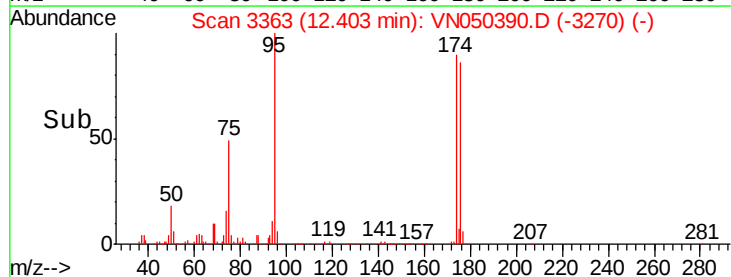
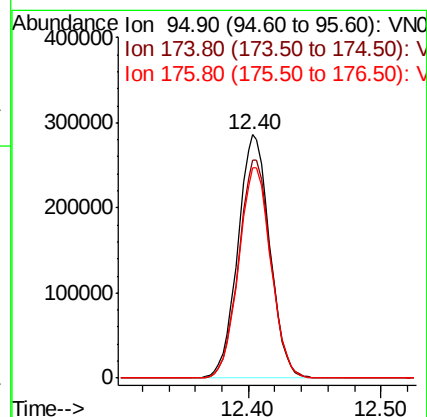
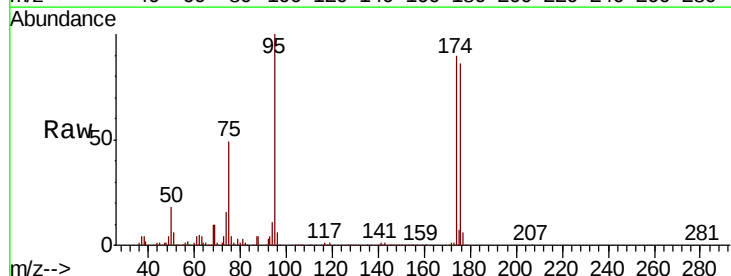
Tgt Ion: 95 Resp: 476926

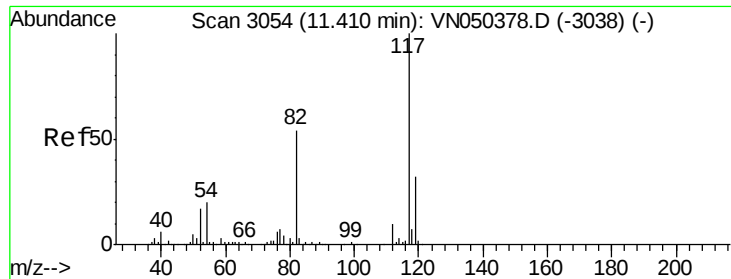
Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.2

176 87.2 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: VN050390.D

Acq: 6 Aug 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

PB11760ZHE#05

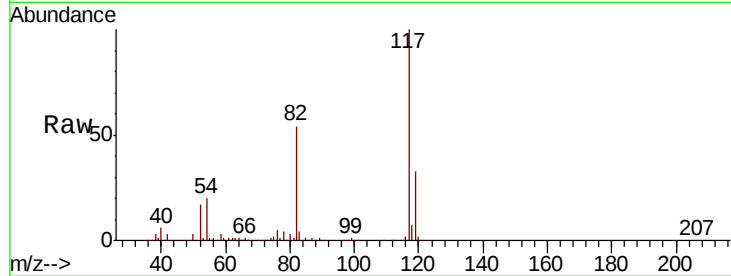
Tot Ion:117 Resp: 1030943

Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

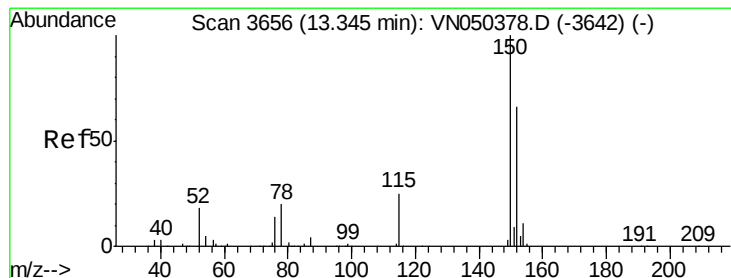
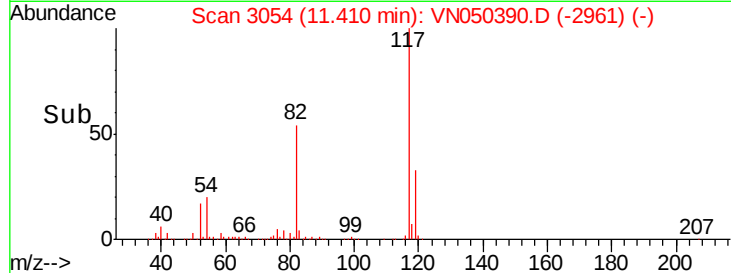
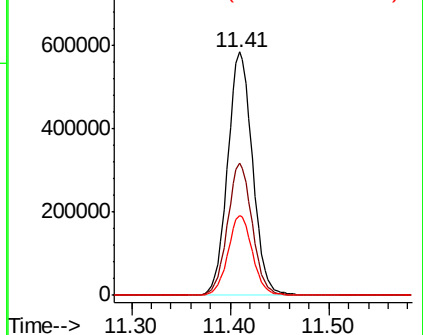
119 33.0 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN050390.D

Acq: 6 Aug 2018 17:55

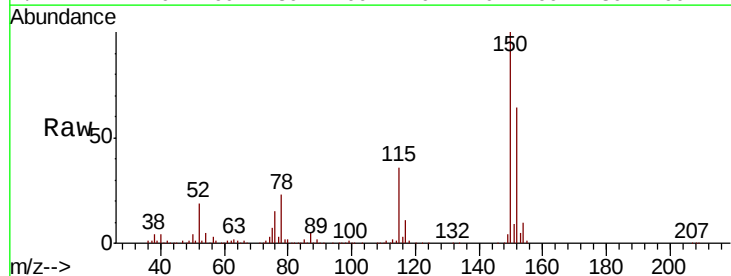
Tgt Ion:152 Resp: 412380

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

150 158.0 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

