

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050397.D
 Acq On : 6 Aug 2018 20:49
 Operator : MD\SY
 Sample : PB11760ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#12

Quant Time: Aug 07 06:59:28 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	612297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	933470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399144	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	448563	54.83	ug/l	0.00
Spiked Amount			Recovery	=	109.66%	
35) Dibromofluoromethane	7.59	113	394752	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	1440856	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	
62) 4-Bromofluorobenzene	12.40	95	434987	40.44	ug/l	0.00
Spiked Amount			Recovery	=	80.88%	

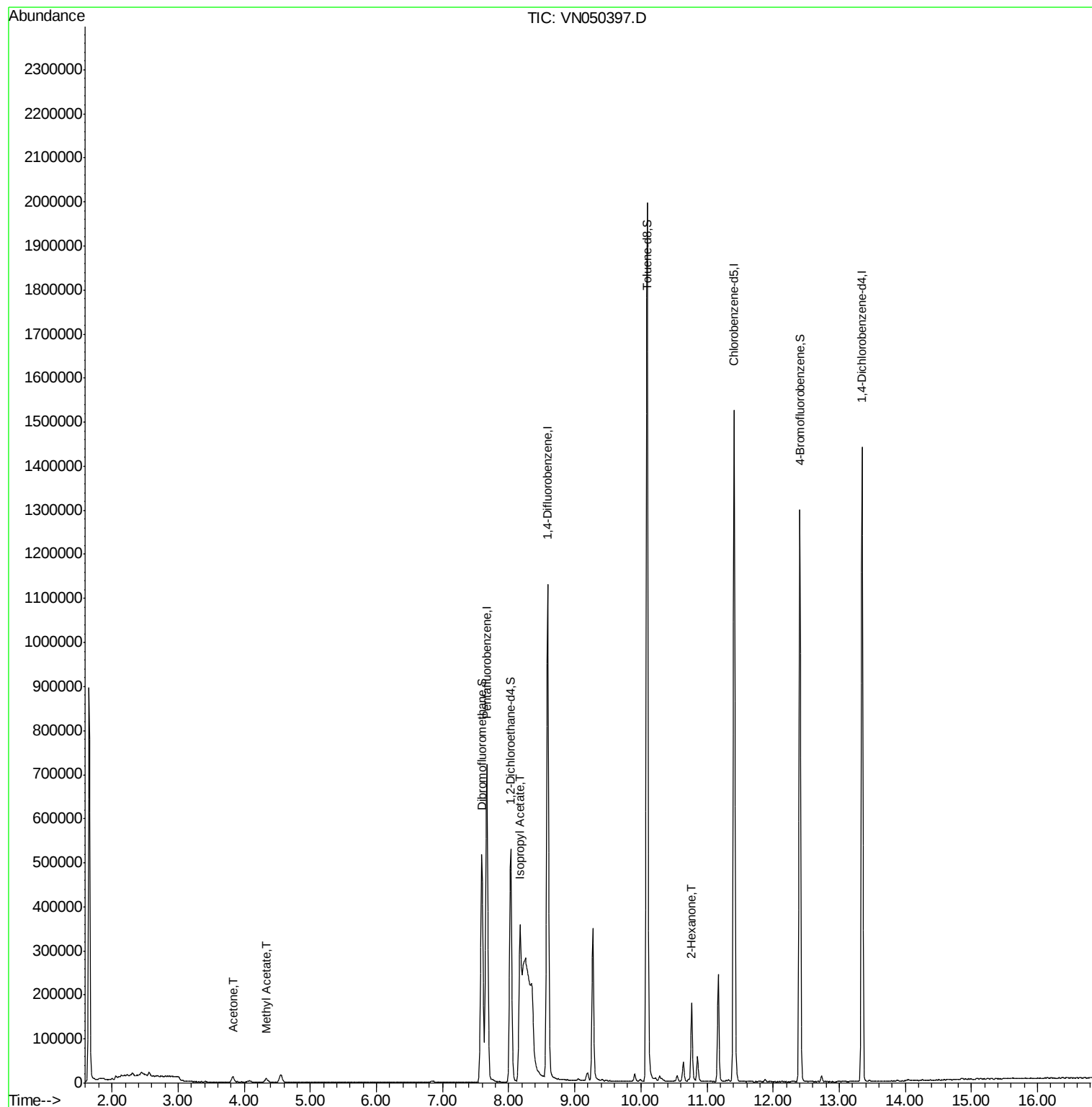
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	20489	8.05	ug/l	100
18) Methyl Acetate	4.33	43	18284	2.70	ug/l	97
43) Isopropyl Acetate	8.17	43	445068	31.15	ug/l #	90
59) 2-Hexanone	10.77	43	24556	3.42	ug/l #	58

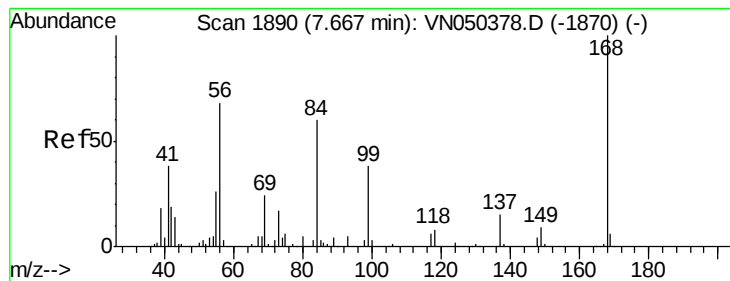
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050397.D

Acq: 6 Aug 2018 20:49

Instrument :

MSVOA_N

ClientSampleId :

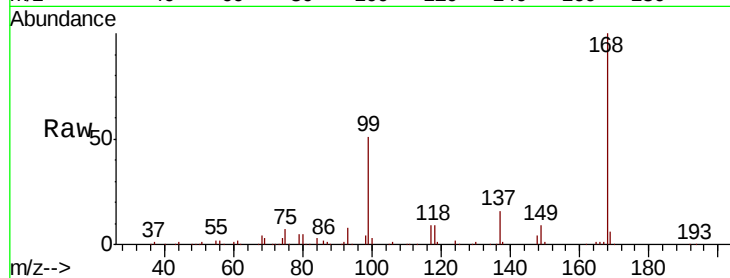
PB11760ZHE#12

Tot Ion:168 Resp: 612297

Ion Ratio Lower Upper

168 100

99 51.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

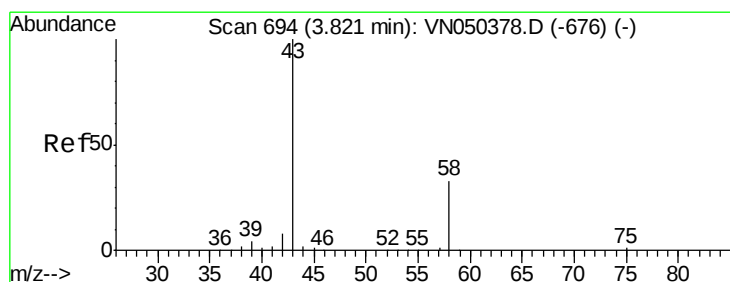
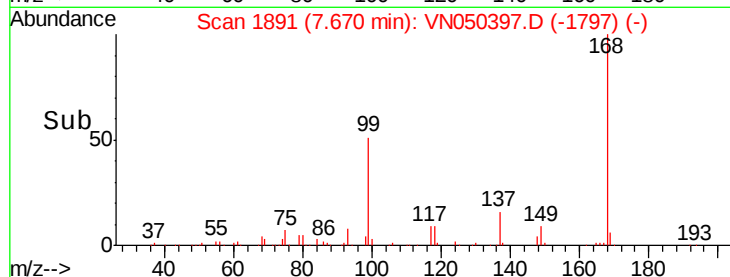
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.05 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050397.D

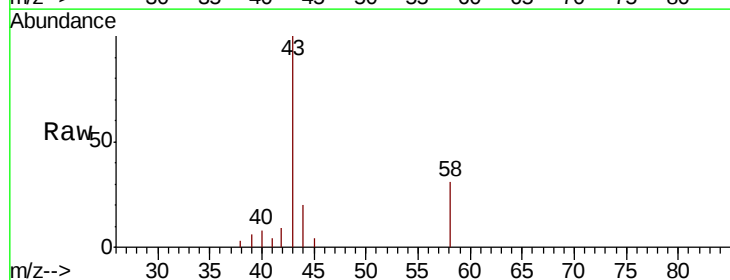
Acq: 6 Aug 2018 20:49

Tgt Ion: 43 Resp: 20489

Ion Ratio Lower Upper

43 100

58 32.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.83

8000

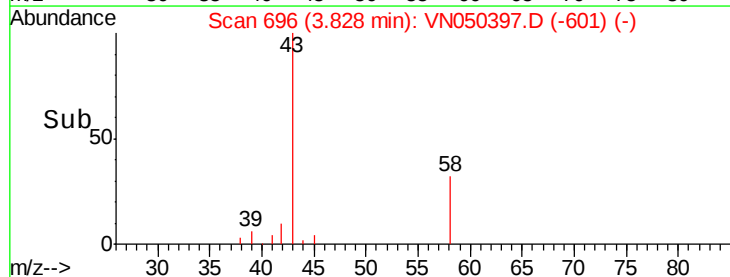
6000

4000

2000

0

Time-->

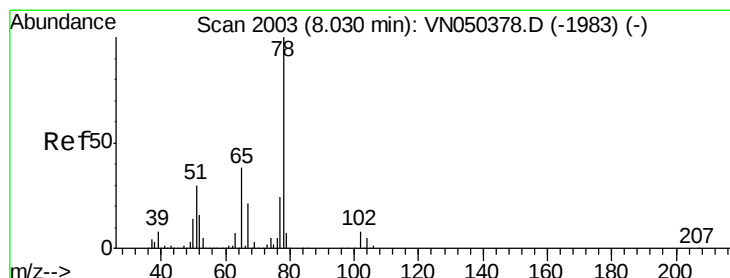
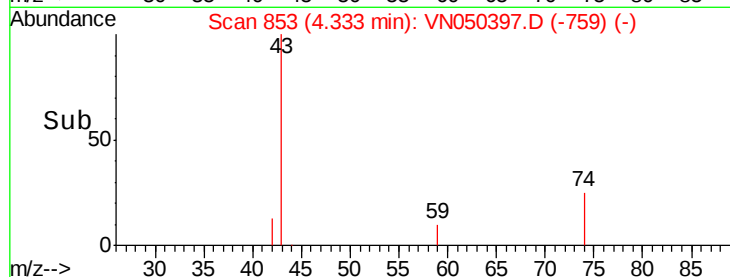
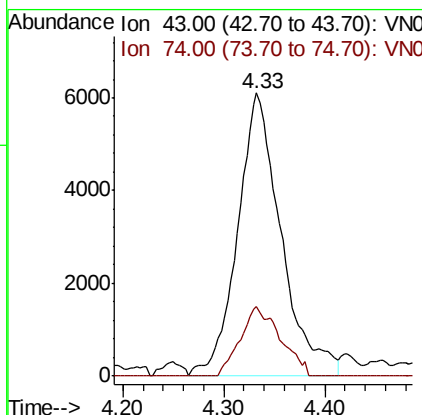
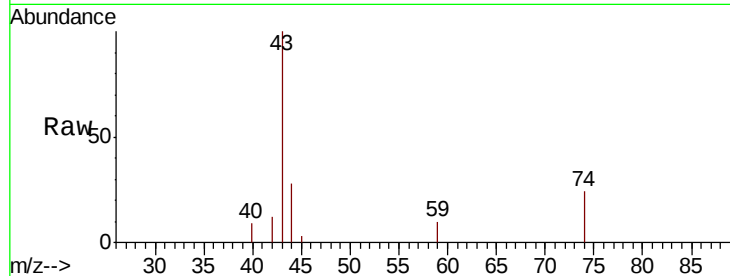




#18
Methvl Acetate
Concen: 2.70 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050397.D
Acq: 6 Aug 2018 20:49

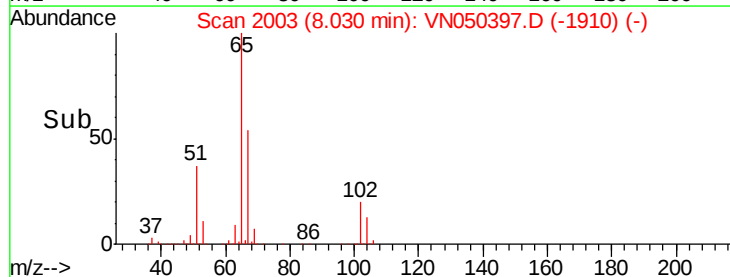
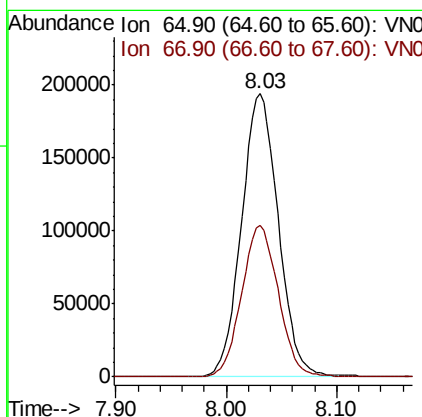
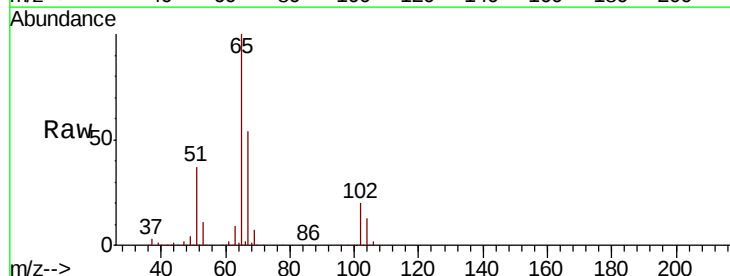
Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#12

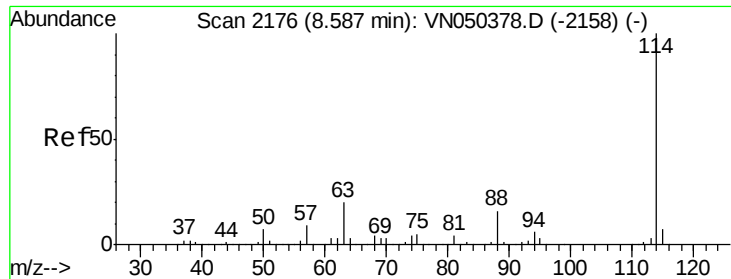
Tot Ion: 43 Resp: 18284
Ion Ratio Lower Upper
43 100
74 22.6 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 54.83 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050397.D
Acq: 6 Aug 2018 20:49

Tgt Ion: 65 Resp: 448563
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.4

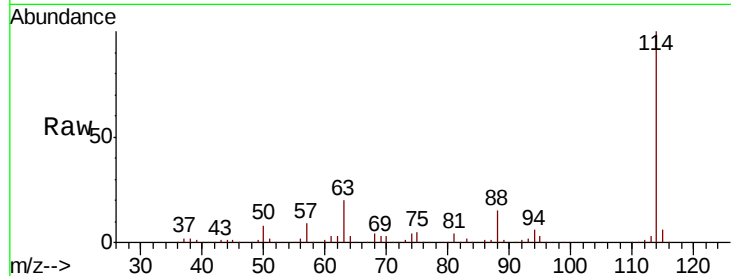




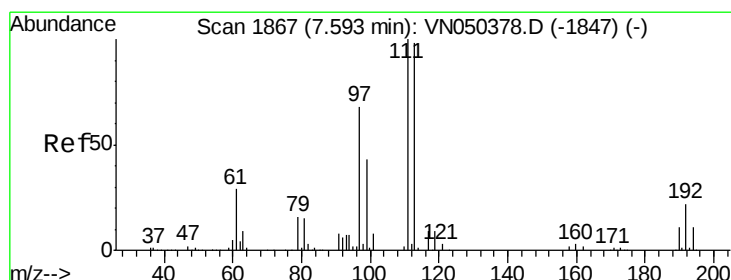
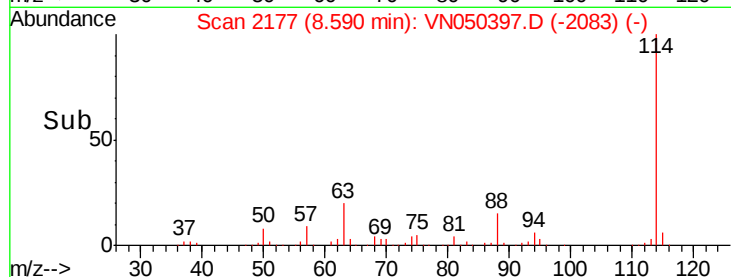
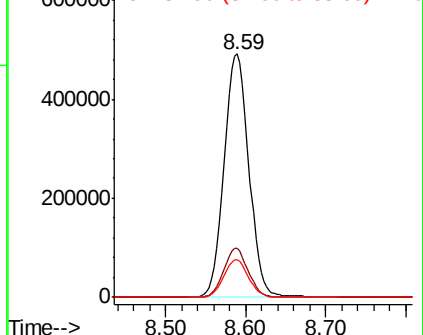
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050397.D
 Acq: 6 Aug 2018 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#12

Tot Ion:114 Resp: 1046073
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.3 0.0 31.2

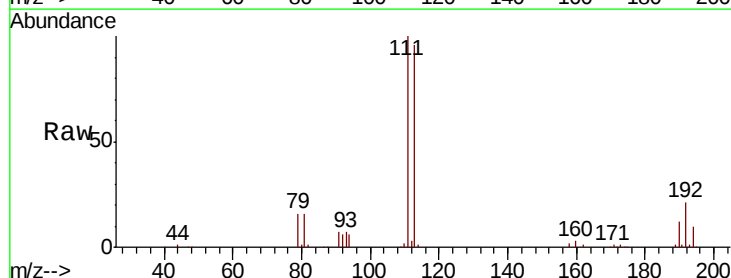


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

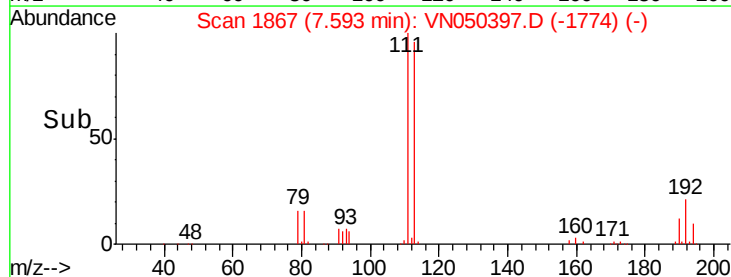
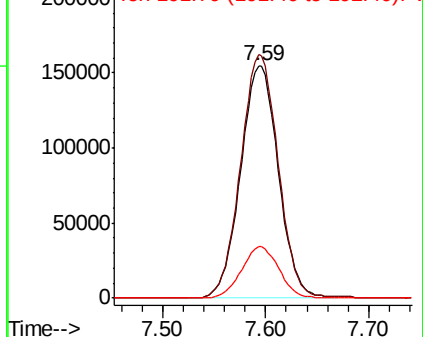


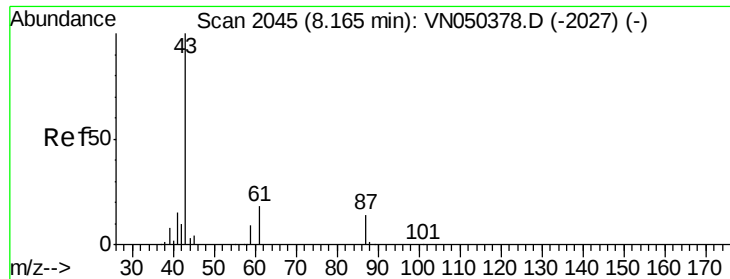
#35
 Dibromofluoromethane
 Concen: 47.03 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050397.D
 Acq: 6 Aug 2018 20:49

Tgt Ion:113 Resp: 394752
 Ion Ratio Lower Upper
 113 100
 111 104.3 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: 31.15 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050397.D

Acq: 6 Aug 2018 20:49

Instrument :

MSVOA_N

ClientSampleId :

PB11760ZHE#12

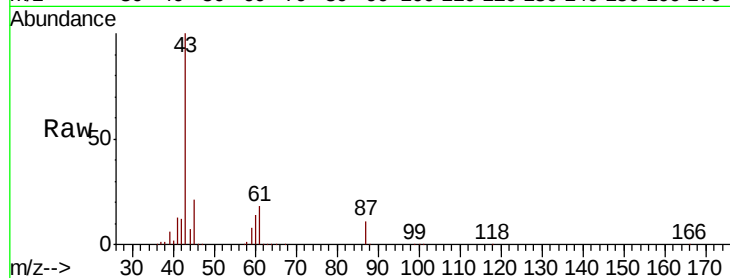
Tot Ion: 43 Resp: 445068

Ion Ratio Lower Upper

43 100

61 14.9 15.8 23.6#

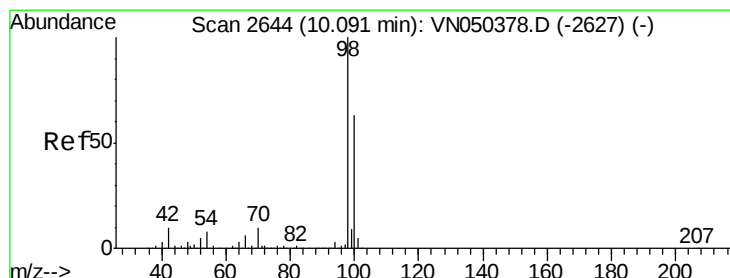
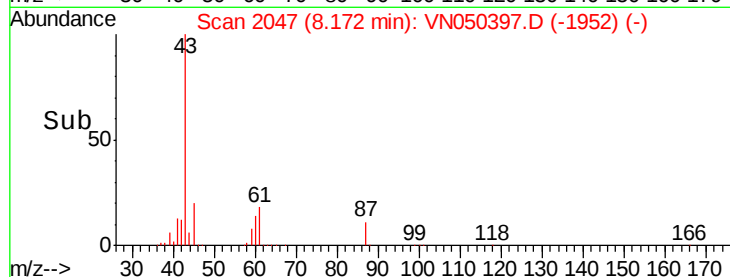
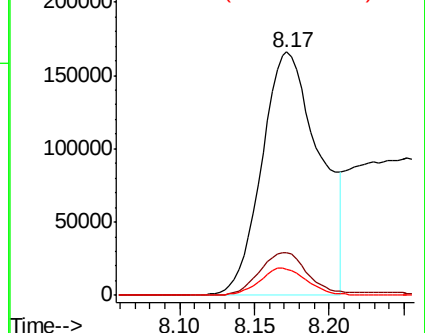
87 9.2 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.66 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050397.D

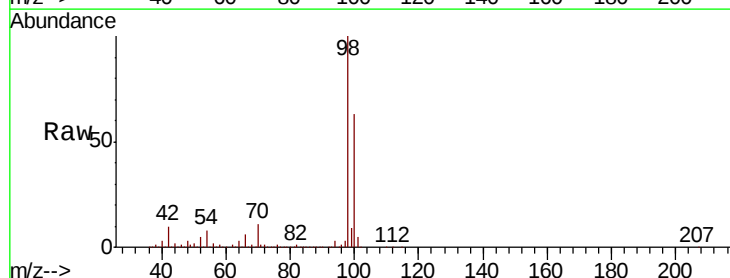
Acq: 6 Aug 2018 20:49

Tgt Ion: 98 Resp: 1440856

Ion Ratio Lower Upper

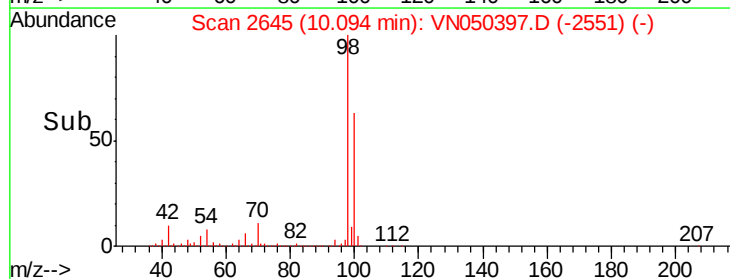
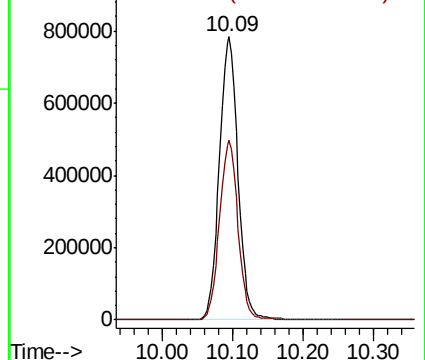
98 100

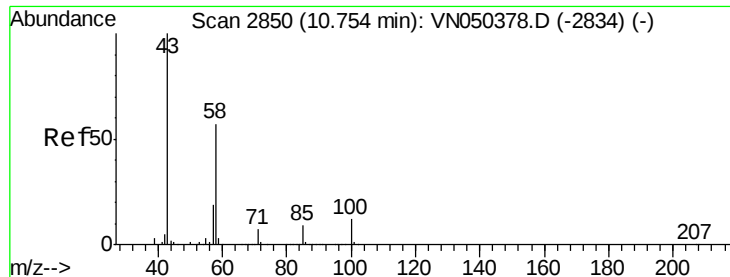
100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 3.42 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050397.D

Acq: 6 Aug 2018 20:49

Instrument :

MSVOA_N

ClientSampleId :

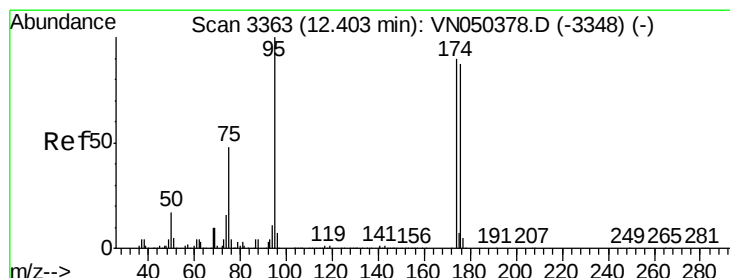
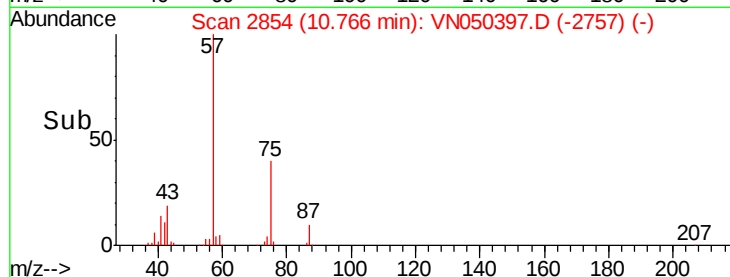
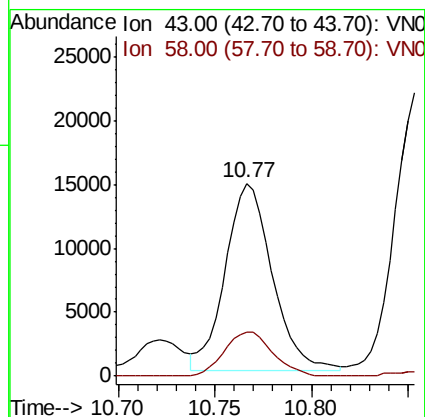
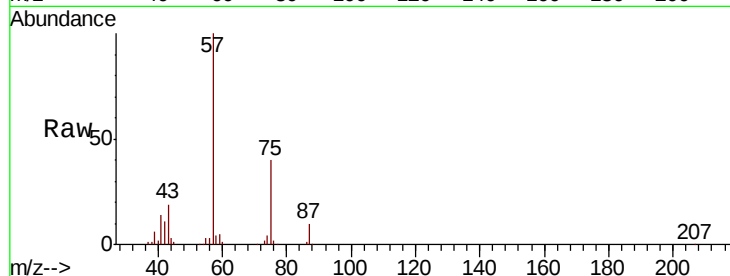
PB11760ZHE#12

Tot Ion: 43 Resp: 24556

Ion Ratio Lower Upper

43 100

58 24.5 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 40.44 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050397.D

Acq: 6 Aug 2018 20:49

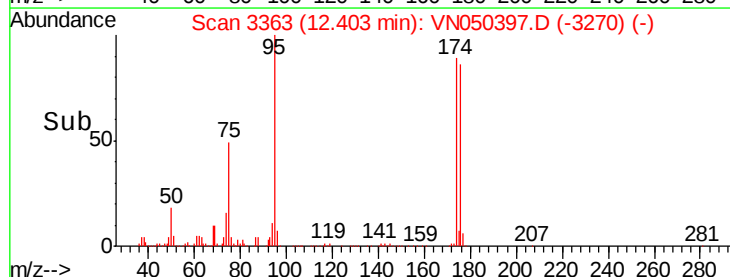
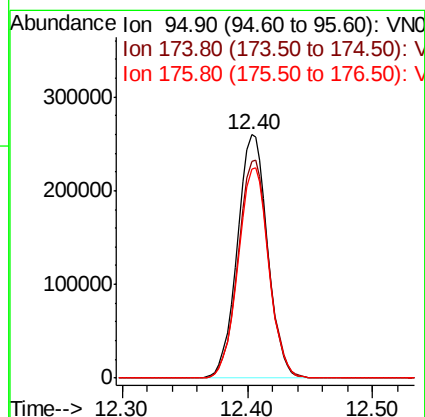
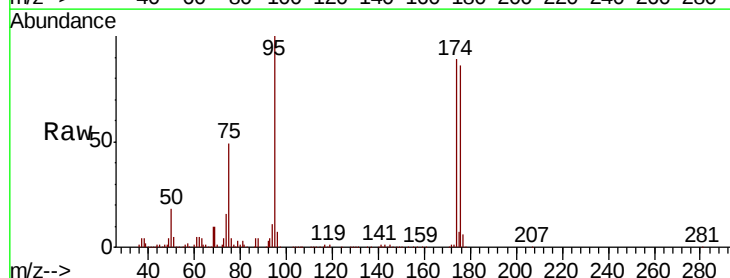
Tgt Ion: 95 Resp: 434987

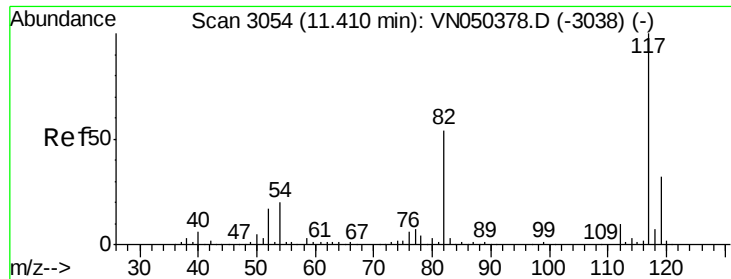
Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.2

176 87.5 0.0 173.4

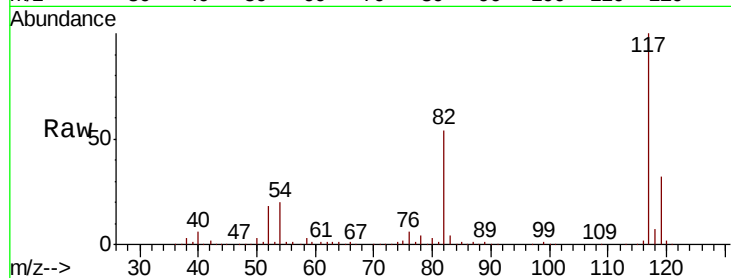




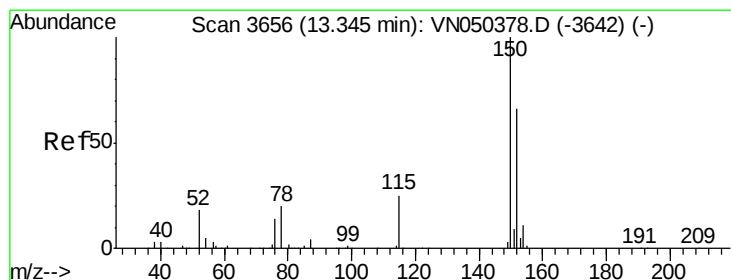
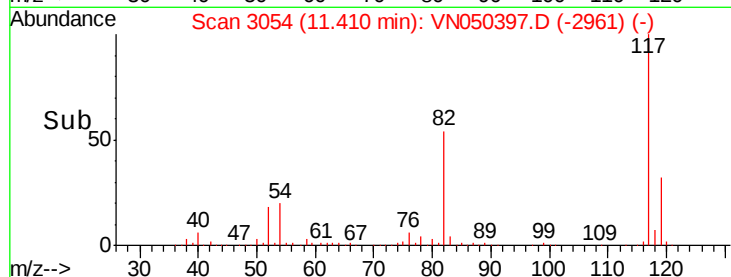
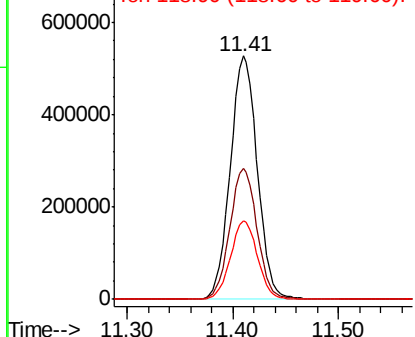
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050397.D
Acq: 6 Aug 2018 20:49

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#12

Tot Ion:117 Resp: 933470
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.5 26.1 39.1

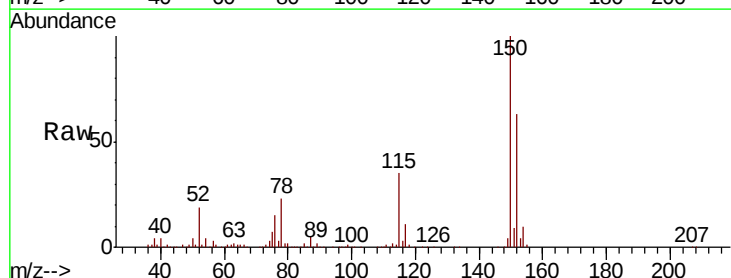


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050397.D
Acq: 6 Aug 2018 20:49

Tgt Ion:152 Resp: 399144
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.3
150 159.4 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

