

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050575.D
 Acq On : 13 Aug 2018 18:01
 Operator : MD\SY
 Sample : PB111961ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#08

Quant Time: Aug 14 02:09:27 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	619804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1025748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	873332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311960	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	427569	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
35) Dibromofluoromethane	7.59	113	397528	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	10.09	98	1397895	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	
62) 4-Bromofluorobenzene	12.40	95	379901	36.02	ug/l	0.00
Spiked Amount			Recovery	=	72.04%	

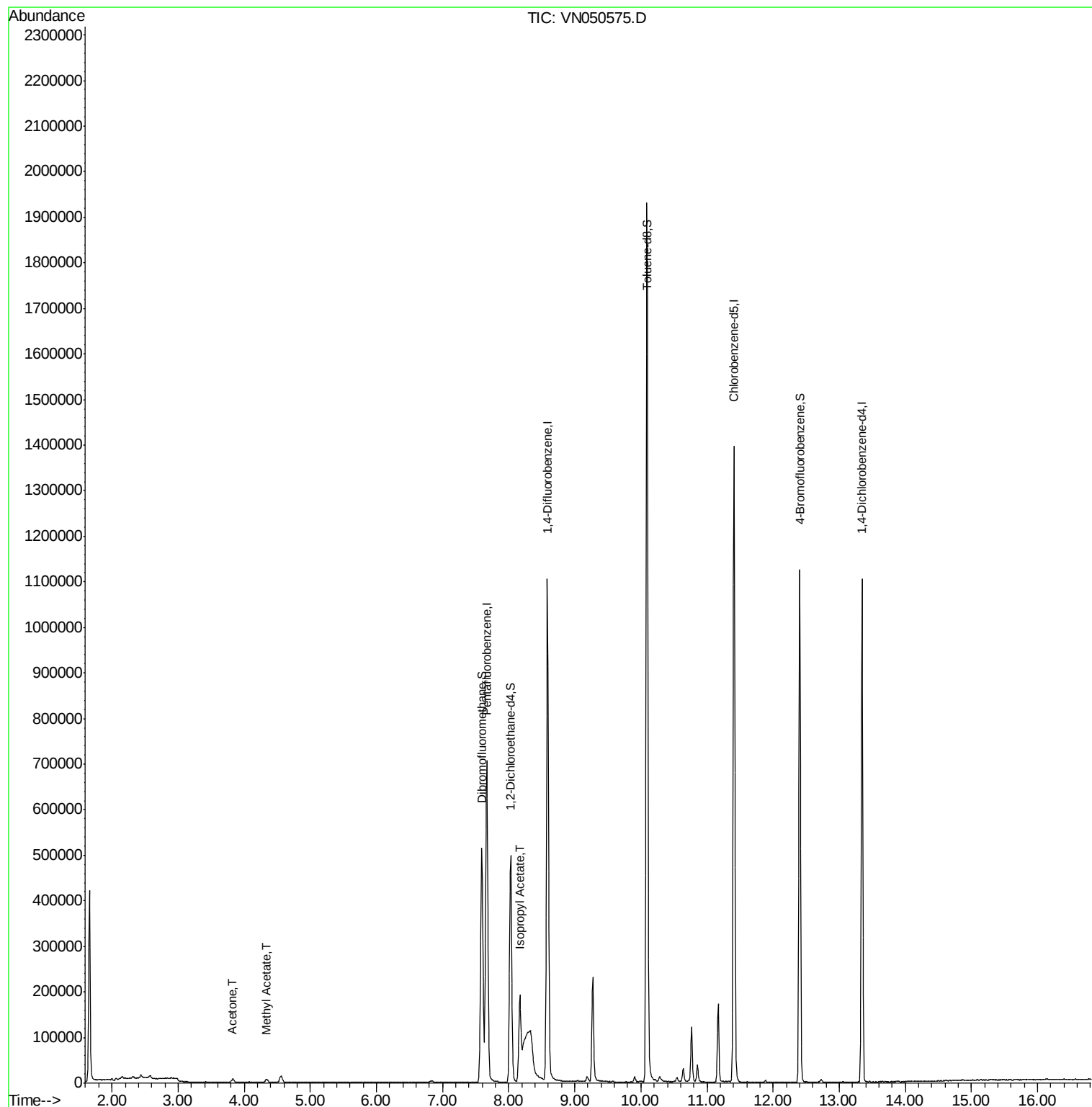
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12220	4.59	ug/l	99
18) Methyl Acetate	4.34	43	12548	1.77	ug/l	# 74
43) Isopropyl Acetate	8.17	43	243004	17.34	ug/l	96

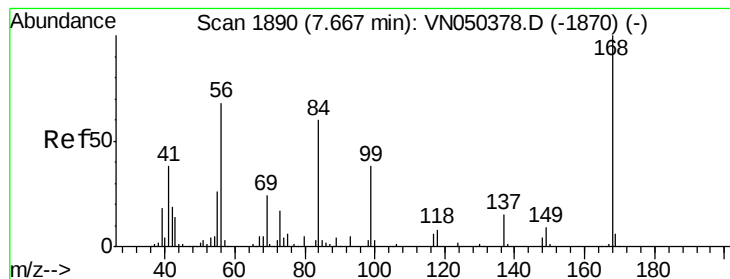
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050575.D

Acq: 13 Aug 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

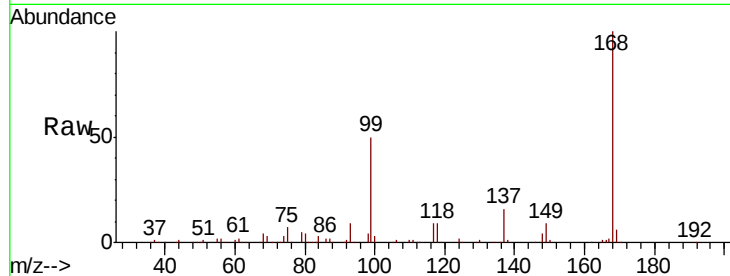
PB111961ZHE#08

Tot Ion:168 Resp: 619804

Ion Ratio Lower Upper

168 100

99 50.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

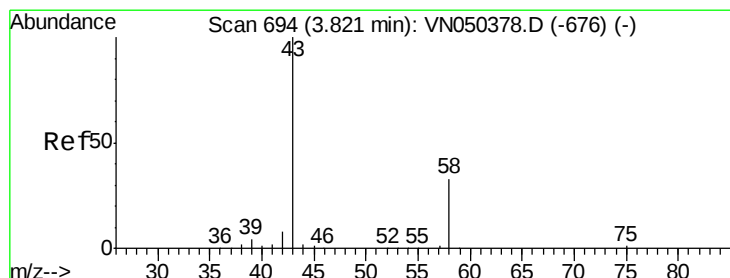
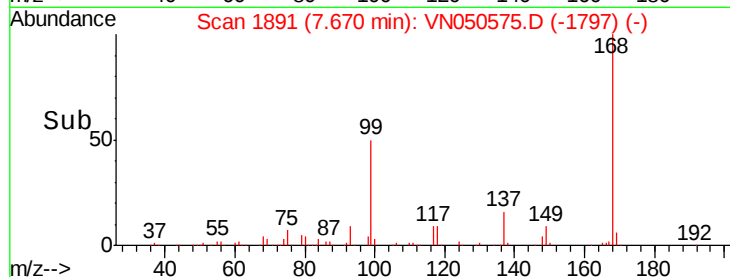
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.59 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050575.D

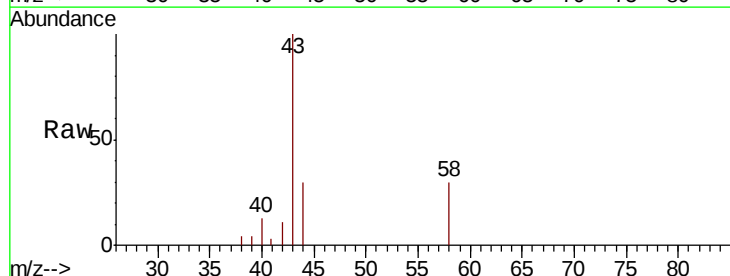
Acq: 13 Aug 2018 18:01

Tgt Ion: 43 Resp: 12220

Ion Ratio Lower Upper

43 100

58 31.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

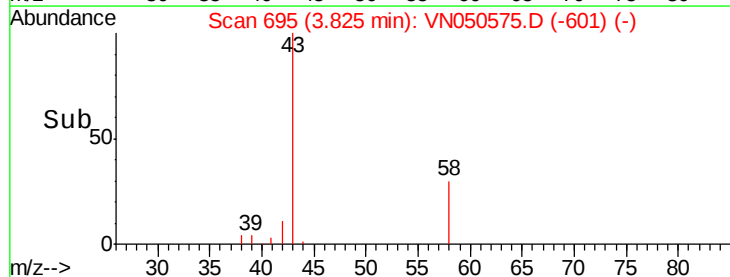
3000

2000

1000

0

Time--> 3.75 3.80 3.85 3.90

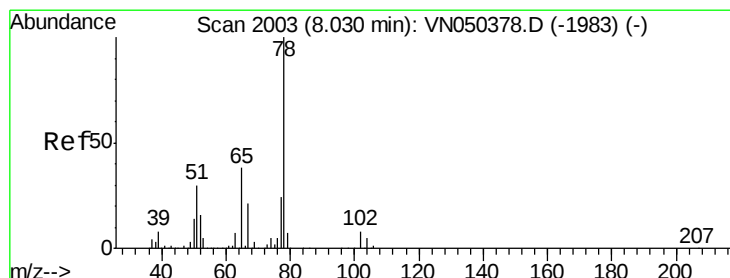
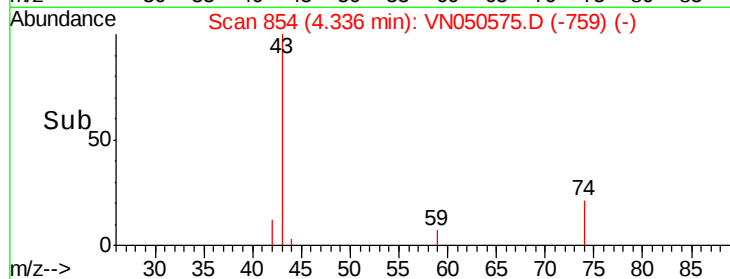
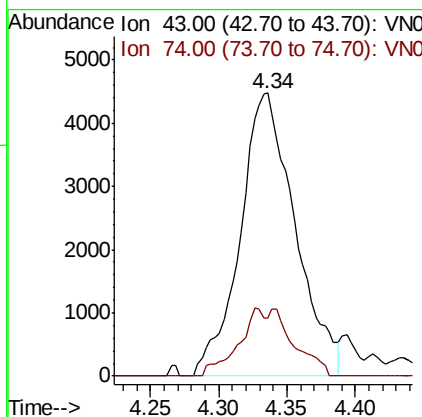
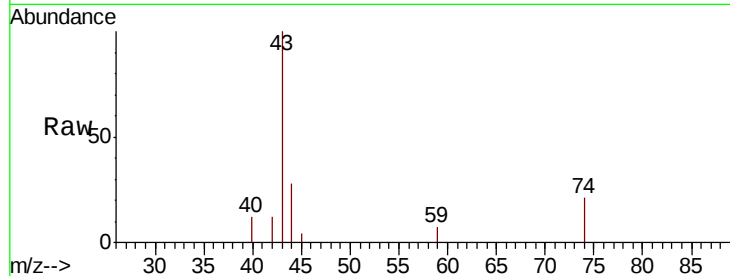




#18
Methvl Acetate
Concen: 1.77 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050575.D
Acq: 13 Aug 2018 18:01

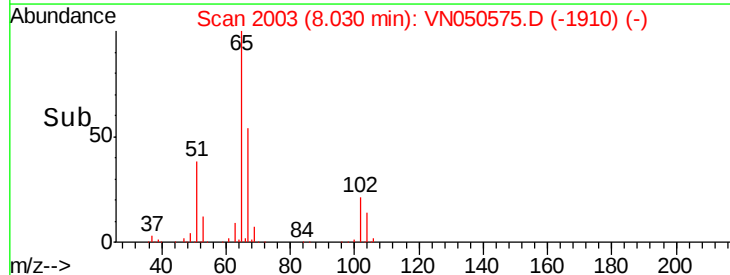
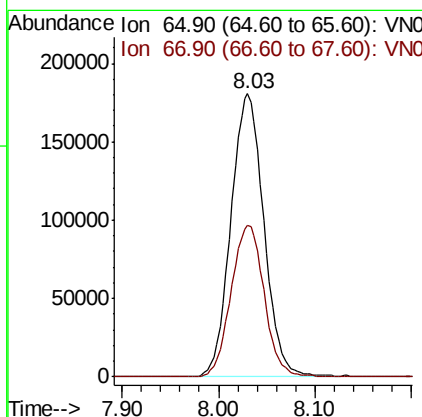
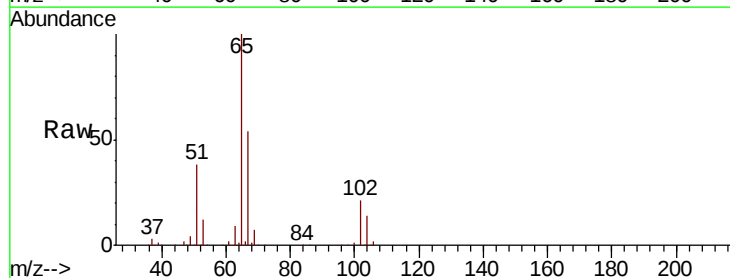
Instrument :
MSVOA_N
ClientSampleId :
PB111961ZHE#08

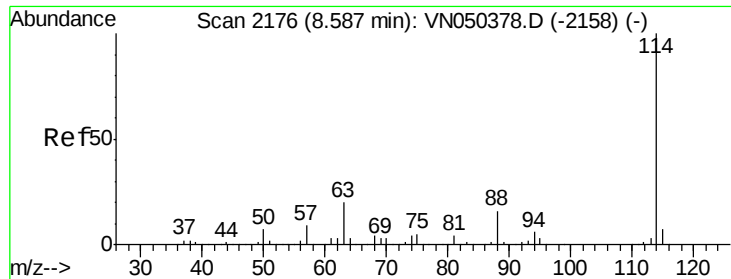
Tot Ion: 43 Resp: 12548
Ion Ratio Lower Upper
43 100
74 11.2 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: 51.63 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050575.D
Acq: 13 Aug 2018 18:01

Tgt Ion: 65 Resp: 427569
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.4

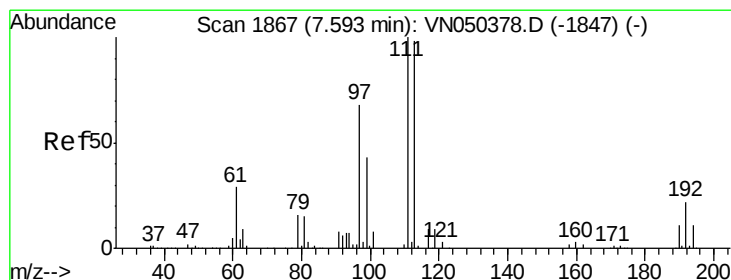
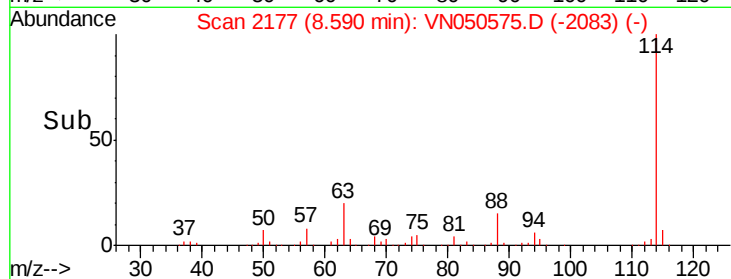
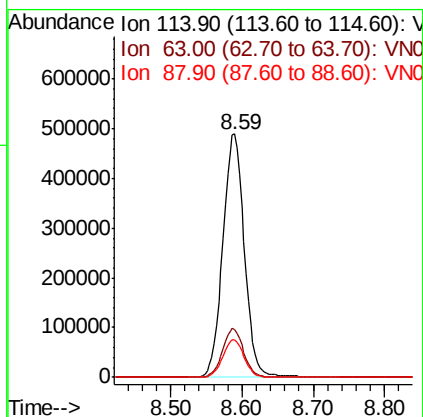
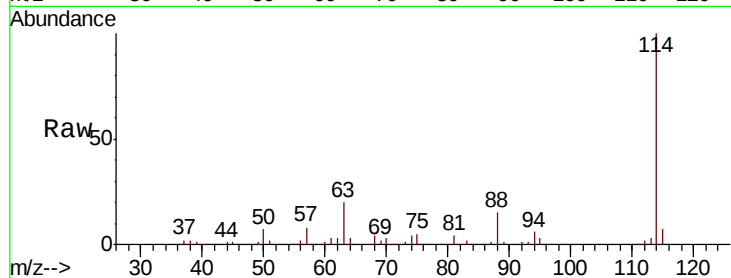




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050575.D
 Acq: 13 Aug 2018 18:01

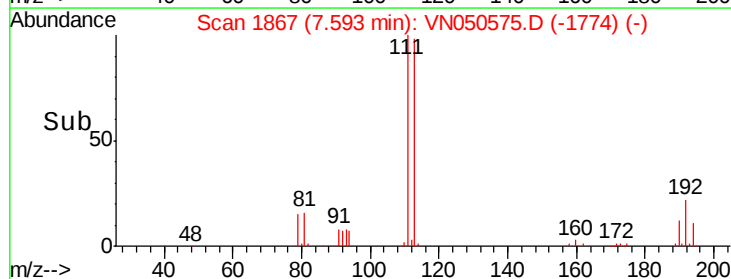
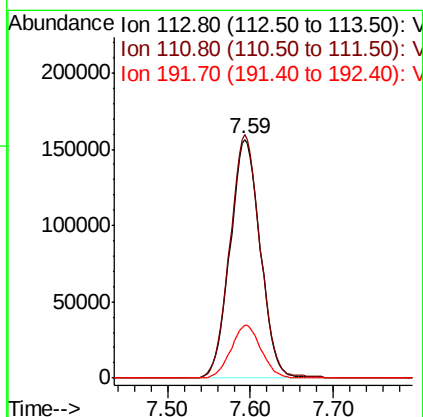
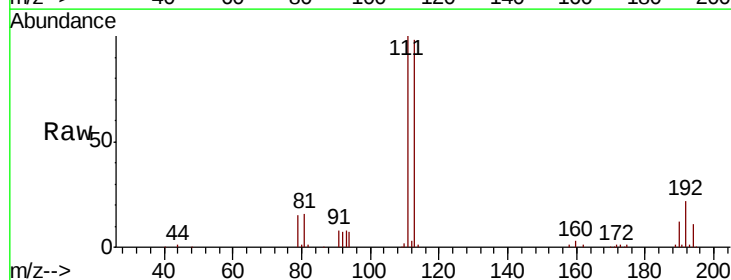
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961ZHE#08

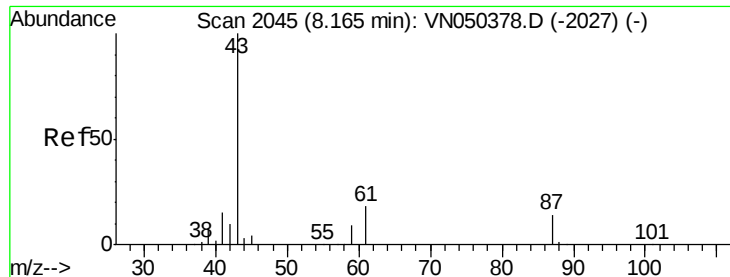
Tot Ion:114 Resp: 1025748
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.4 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 48.30 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050575.D
 Acq: 13 Aug 2018 18:01

Tgt Ion:113 Resp: 397528
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.7 121.1
 192 22.2 17.8 26.6





#43

Isopropyl Acetate

Concen: 17.34 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050575.D

Acq: 13 Aug 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#08

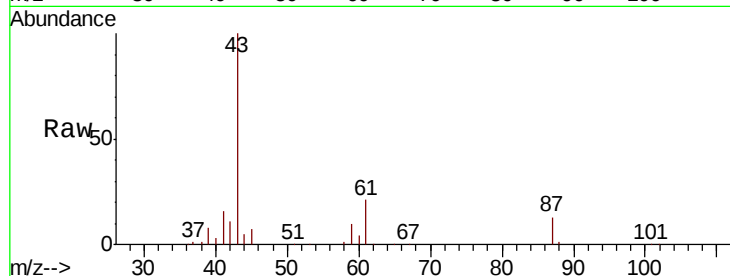
Tot Ion: 43 Resp: 243004

Ion Ratio Lower Upper

43 100

61 18.2 15.8 23.6

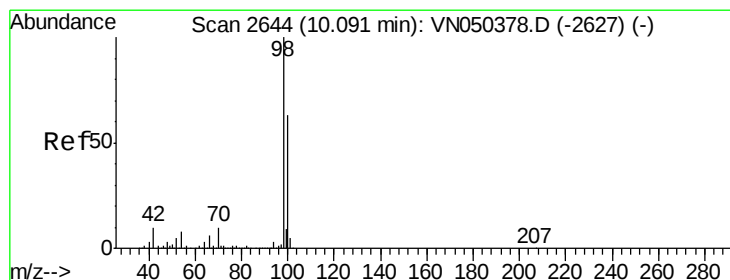
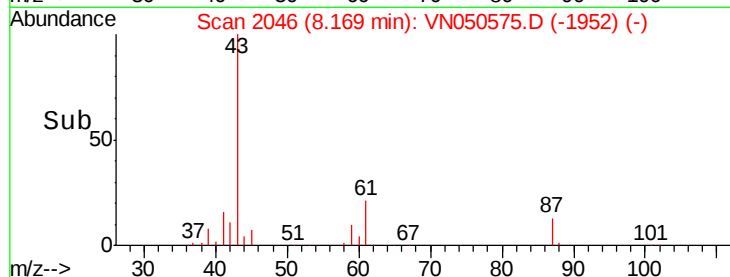
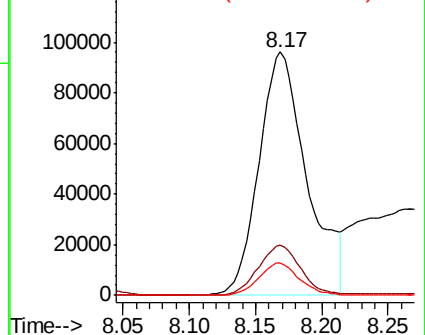
87 11.3 10.3 15.5



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: 45.17 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050575.D

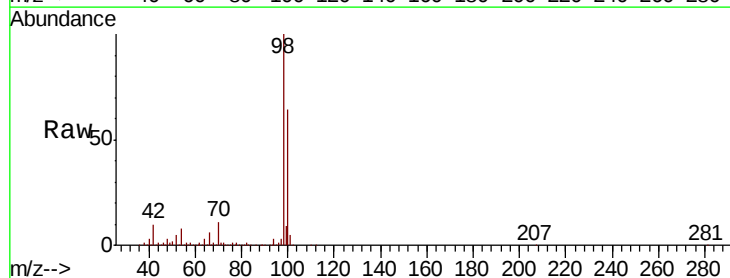
Acq: 13 Aug 2018 18:01

Tgt Ion: 98 Resp: 1397895

Ion Ratio Lower Upper

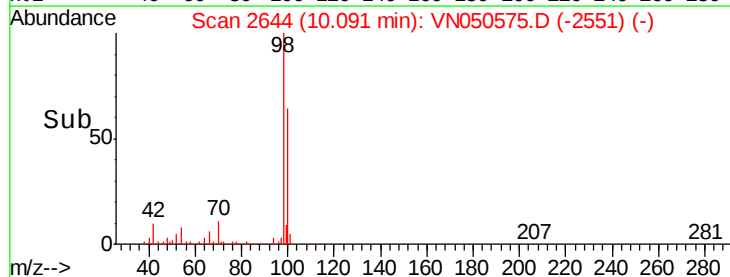
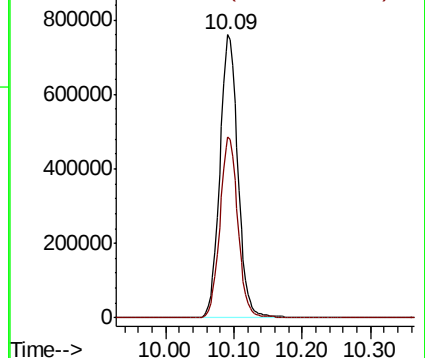
98 100

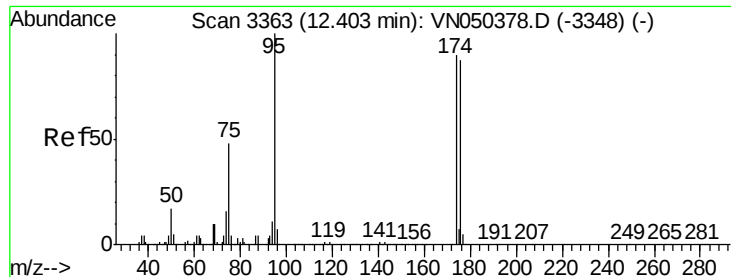
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.02 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050575.D

Acq: 13 Aug 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#08

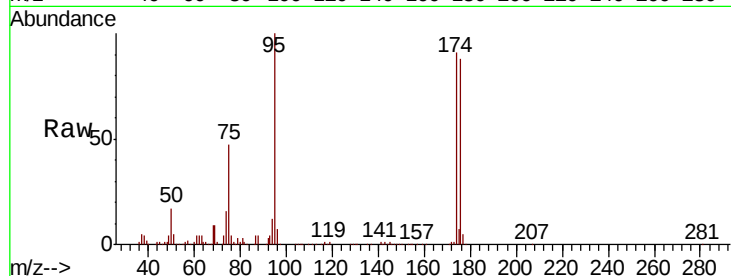
Tot Ion: 95 Resp: 379901

Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.2

176 87.7 0.0 173.4

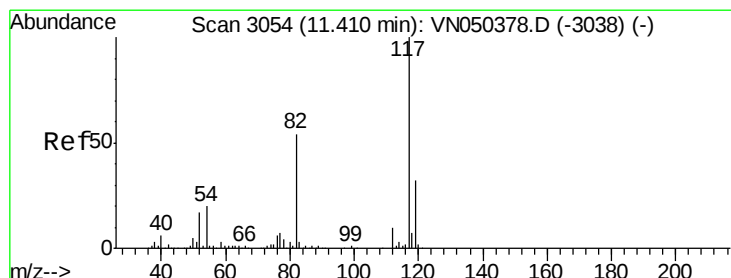
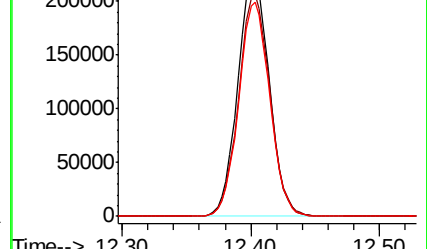
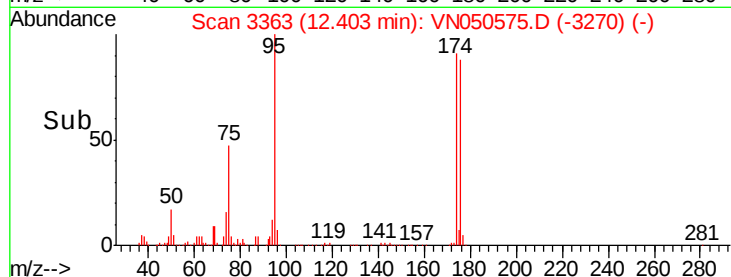


Abundance Ion 94.90 (94.60 to 95.60): VN050378.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050378.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050378.D (-3348) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050575.D

Acq: 13 Aug 2018 18:01

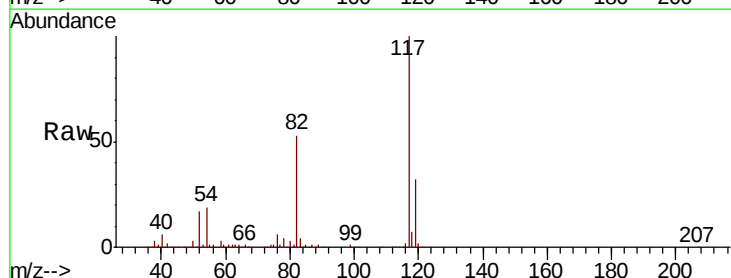
Tgt Ion: 117 Resp: 873332

Ion Ratio Lower Upper

117 100

82 53.1 43.7 65.5

119 31.8 26.1 39.1

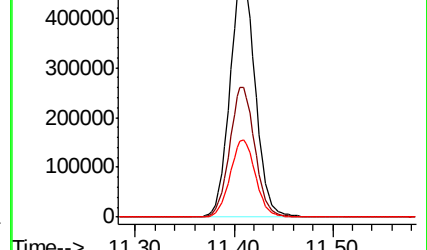
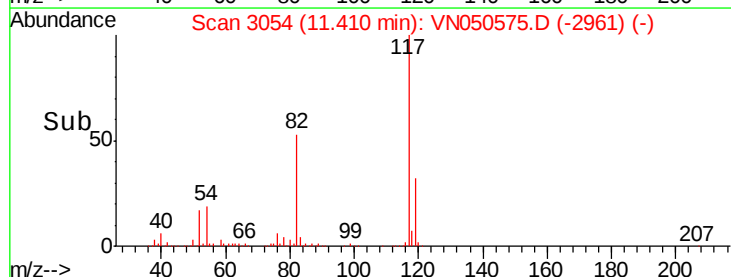


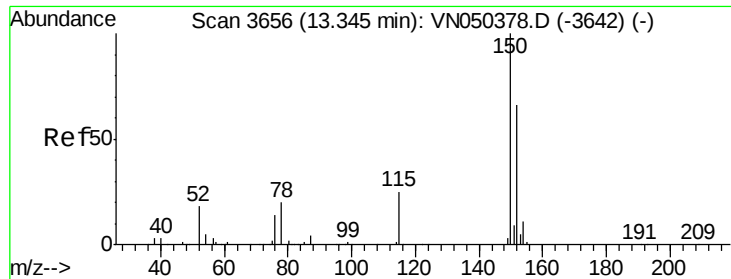
Abundance Ion 116.90 (116.60 to 117.60): VN050378.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050378.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050378.D (-3038) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050575.D

Acq: 13 Aug 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

PB111961ZHE#08

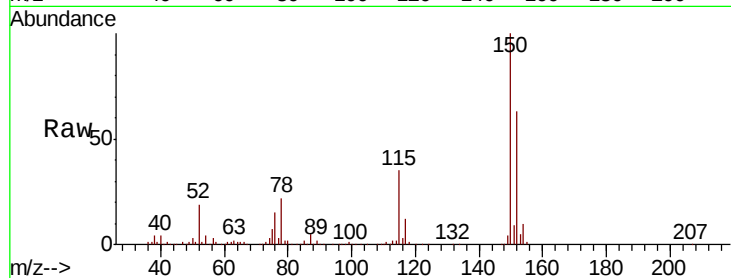
Tot Ion:152 Resp: 311960

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.3

150 157.4 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

