

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\
 Data File : VN051021.D
 Acq On : 4 Sep 2018 15:56
 Operator : MD\SY
 Sample : PB112553ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112553ZHE#07

Quant Time: Sep 05 02:18:41 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	984219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	818857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	268764	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	390751	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	
35) Dibromofluoromethane	7.59	113	377527	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	10.09	98	1319760	45.08	ug/l	0.00
Spiked Amount			Recovery	=	90.16%	
62) 4-Bromofluorobenzene	12.40	95	347209	35.69	ug/l	0.00
Spiked Amount			Recovery	=	71.38%	

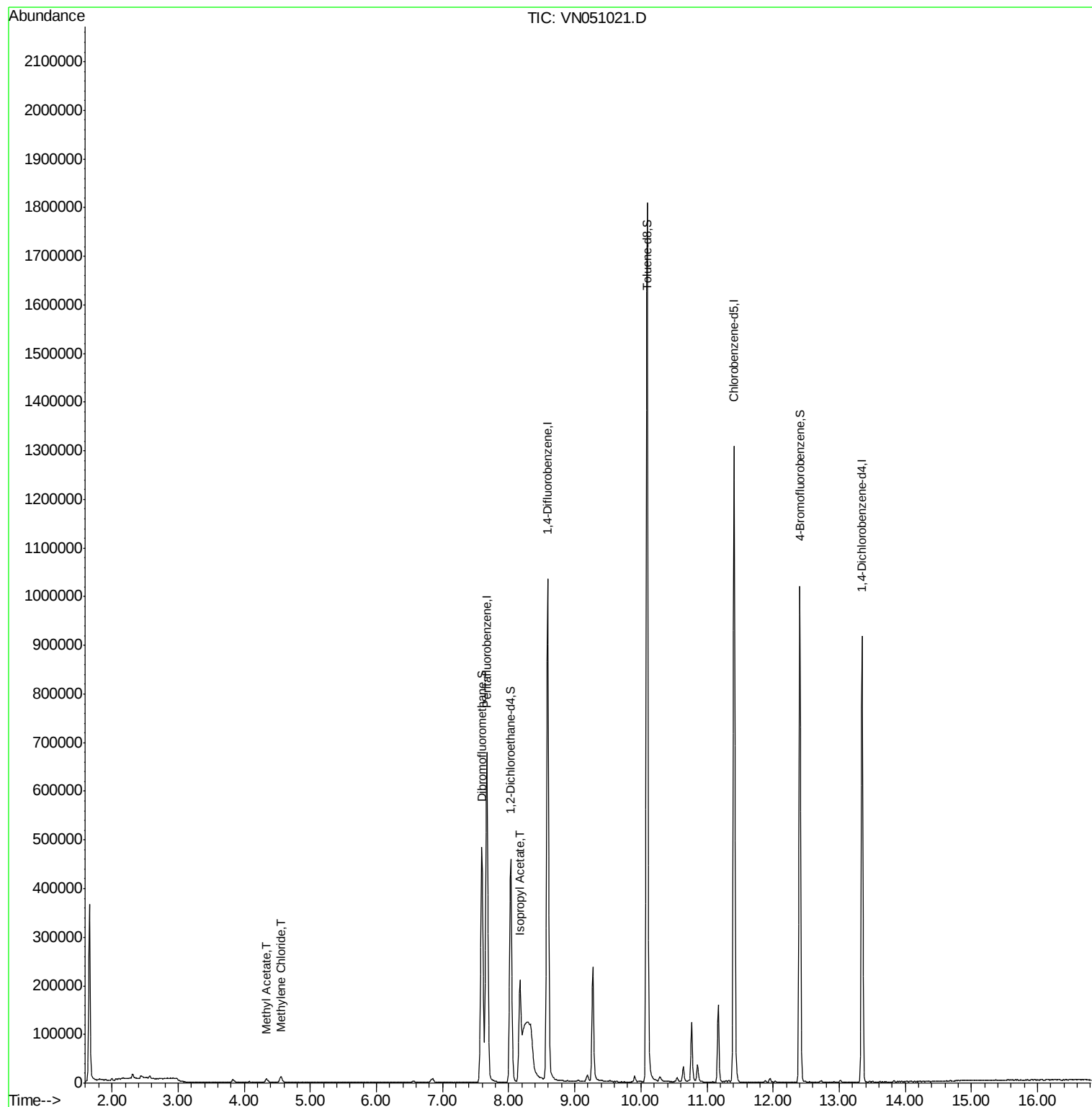
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	14131	2.04	ug/l	94
20) Methylene Chloride	4.56	84	9744	1.18	ug/l	93
43) Isopropyl Acetate	8.17	43	271708	23.69	ug/l	93

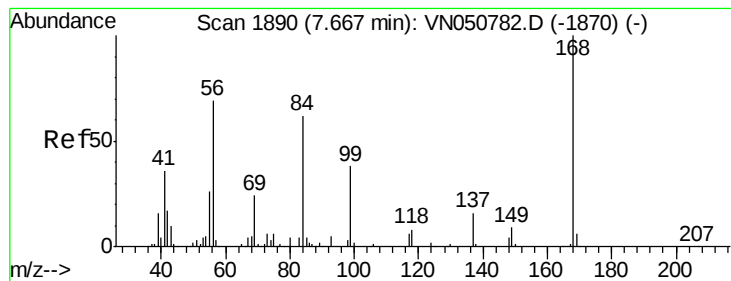
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN051021.D

Acq: 4 Sep 2018 15:56

Instrument :

MSVOA_N

ClientSampleId :

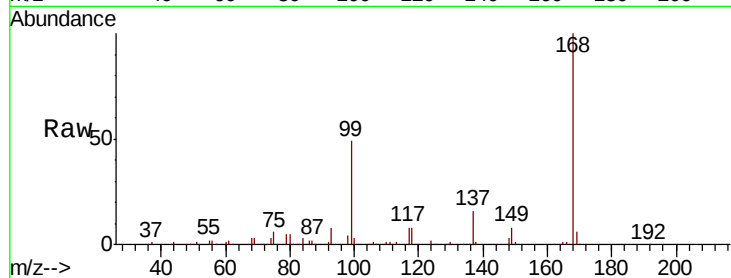
PB112553ZHE#07

Tot Ion:168 Resp: 609032

Ion Ratio Lower Upper

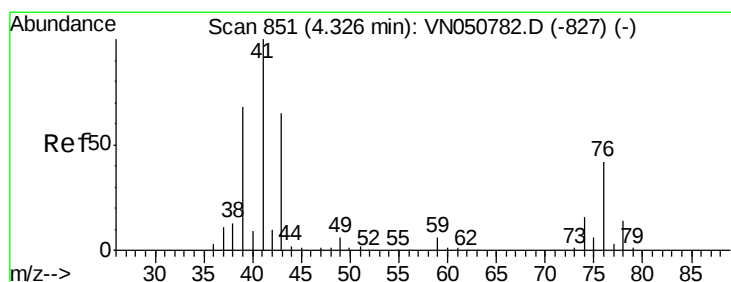
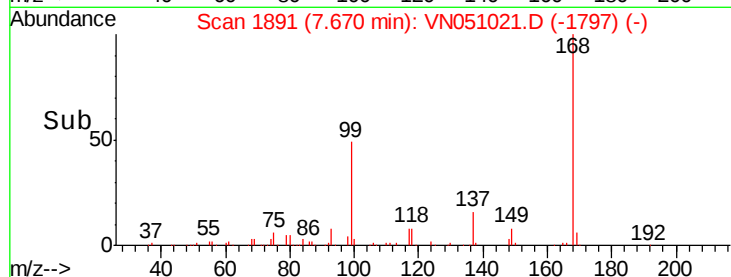
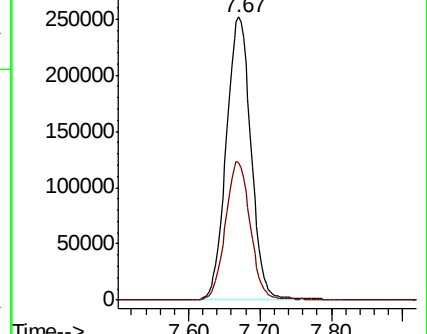
168 100

99 48.7 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 2.04 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN051021.D

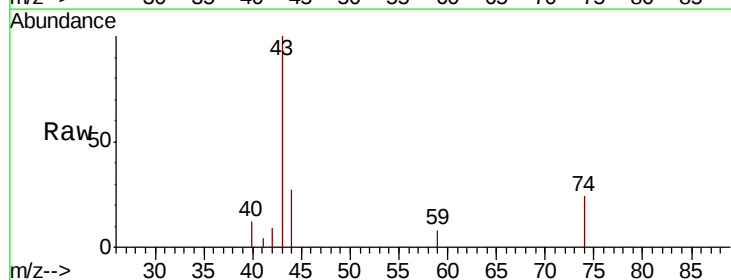
Acq: 4 Sep 2018 15:56

Tgt Ion: 43 Resp: 14131

Ion Ratio Lower Upper

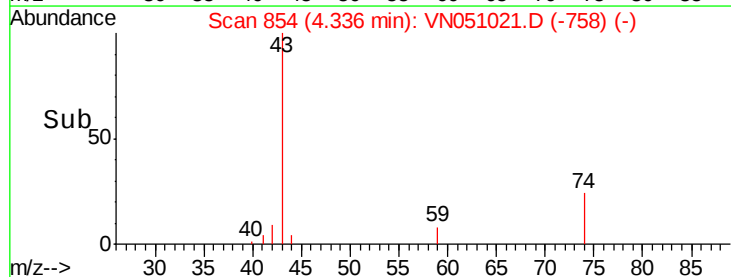
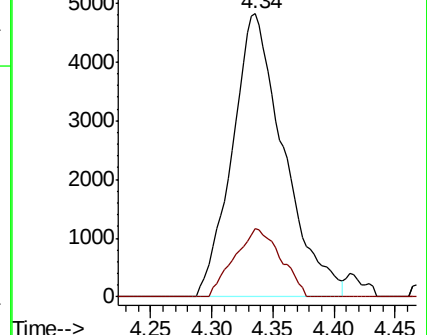
43 100

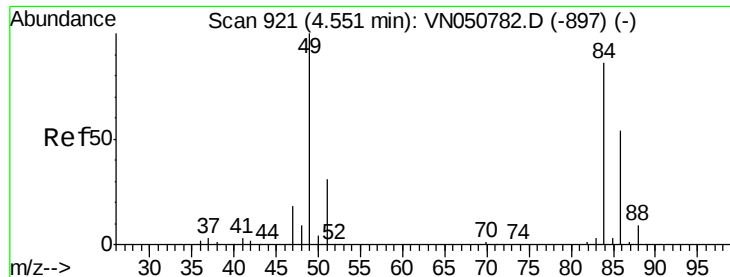
74 21.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

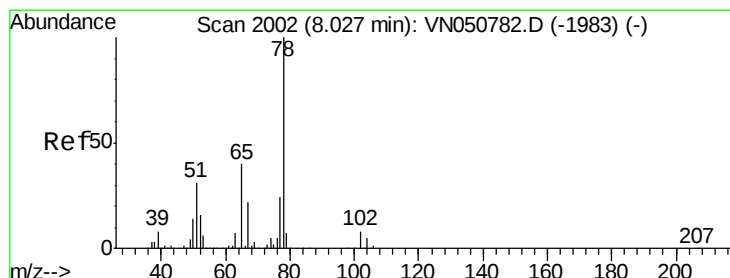
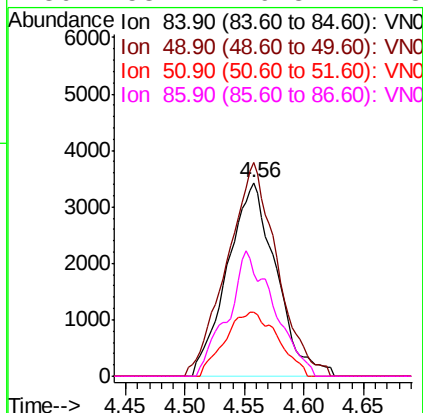
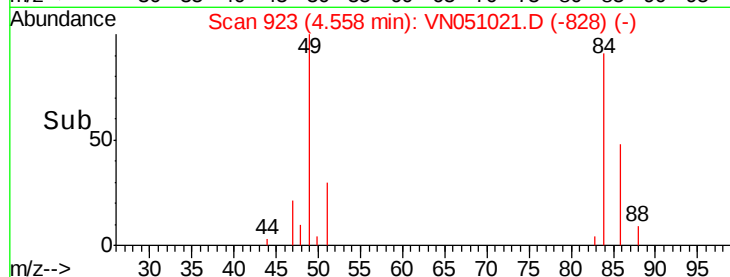
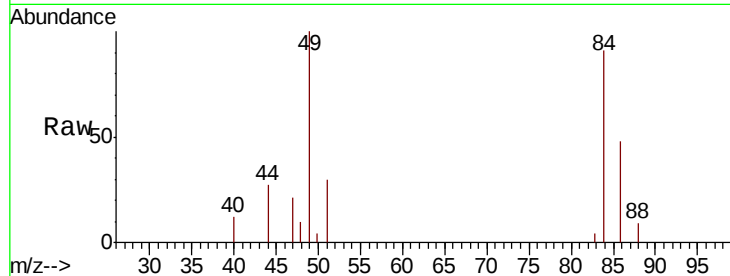




#20
Methvlene Chloride
Concen: 1.18 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN051021.D
Acq: 4 Sep 2018 15:56

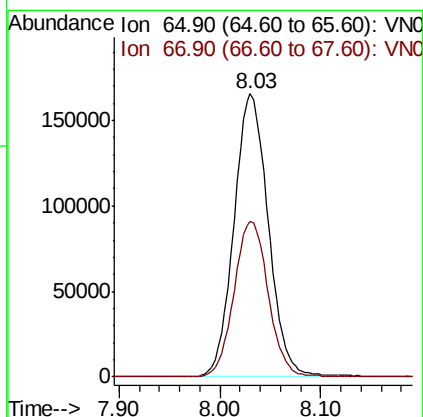
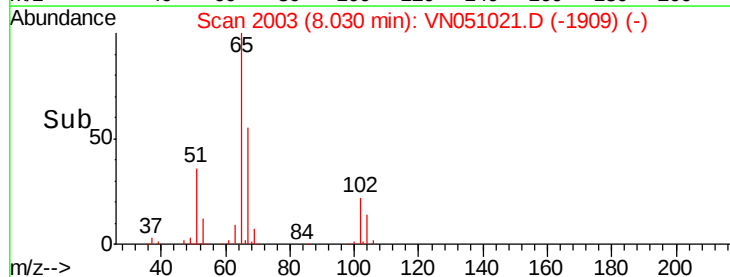
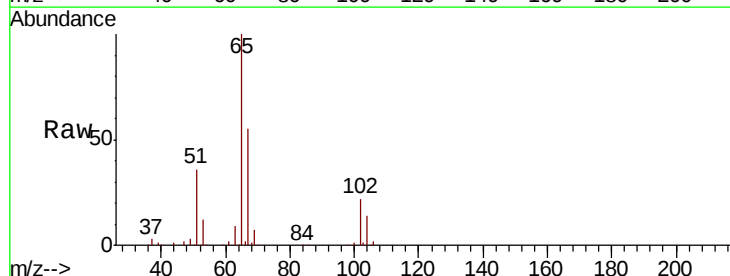
Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#07

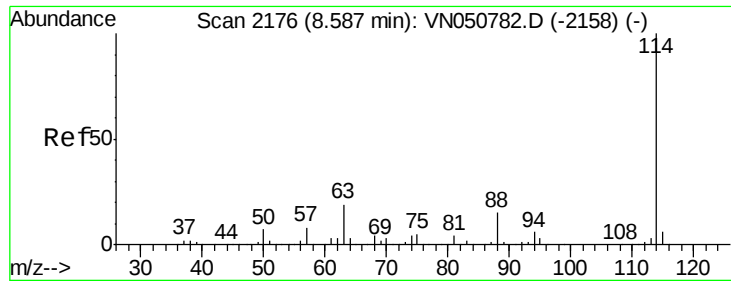
Tot Ion: 84 Resp: 9744
Ion Ratio Lower Upper
84 100
49 110.2 93.2 139.8
51 33.3 29.0 43.6
86 53.1 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 53.29 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN051021.D
Acq: 4 Sep 2018 15:56

Tgt Ion: 65 Resp: 390751
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.4

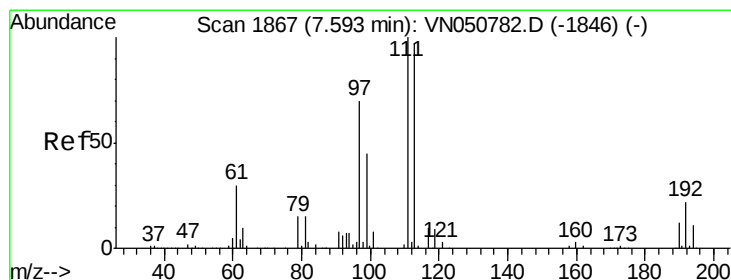
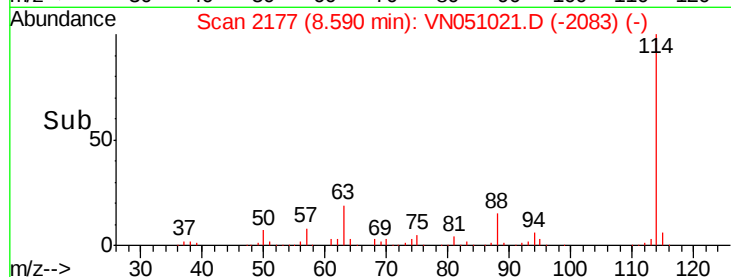
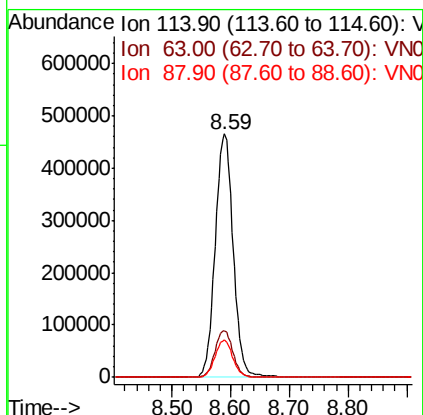
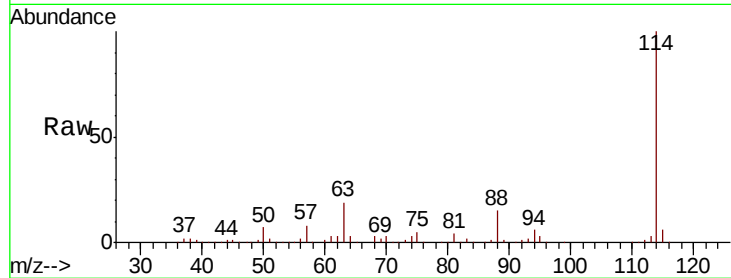




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN051021.D
 Acq: 4 Sep 2018 15:56

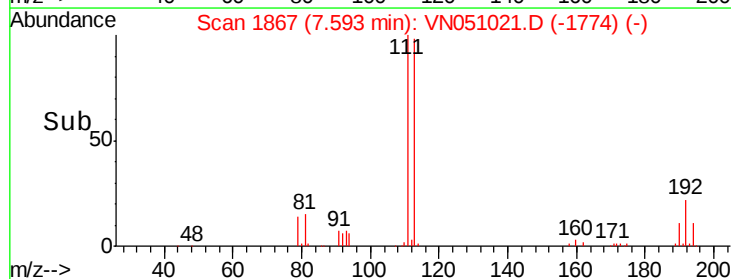
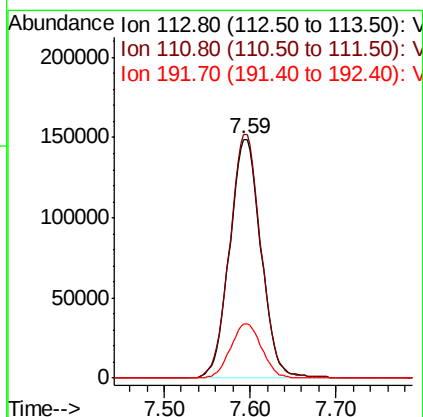
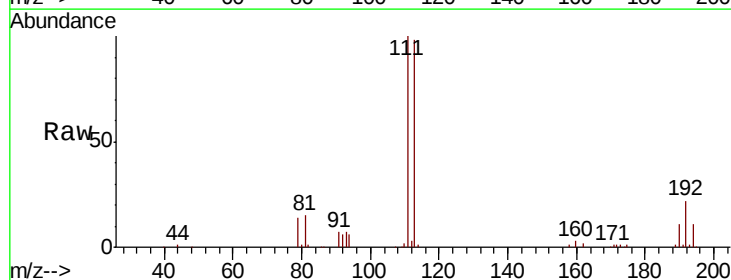
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112553ZHE#07

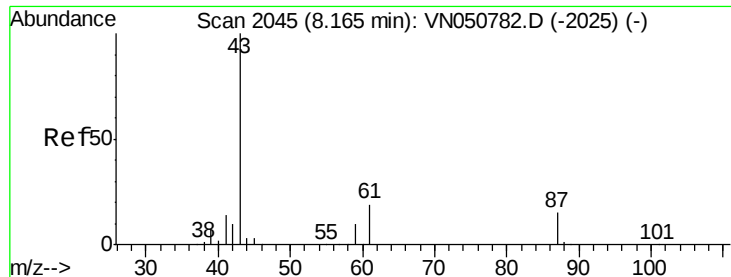
Tot Ion:114 Resp: 984219
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.2 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 48.22 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN051021.D
 Acq: 4 Sep 2018 15:56

Tgt Ion:113 Resp: 377527
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.6 123.8
 192 22.7 18.0 27.0





#43

Isopropyl Acetate

Concen: 23.69 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN051021.D

Acq: 4 Sep 2018 15:56

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#07

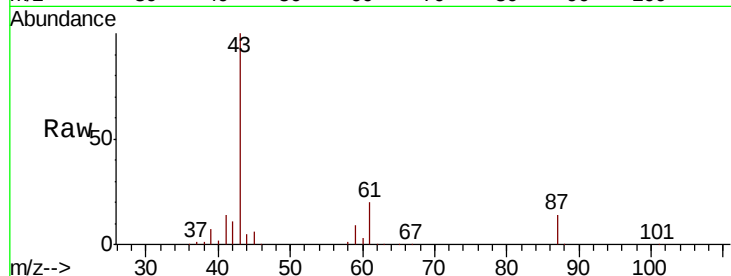
Tot Ion: 43 Resp: 271708

Ion Ratio Lower Upper

43 100

61 18.0 17.5 26.3

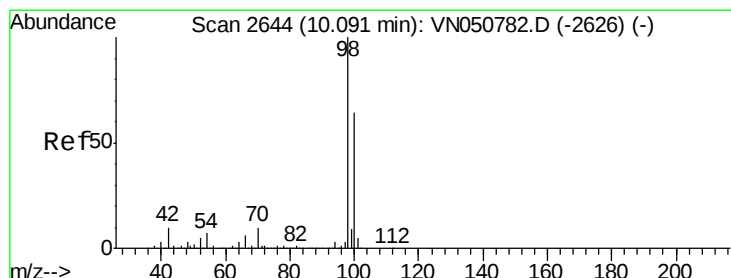
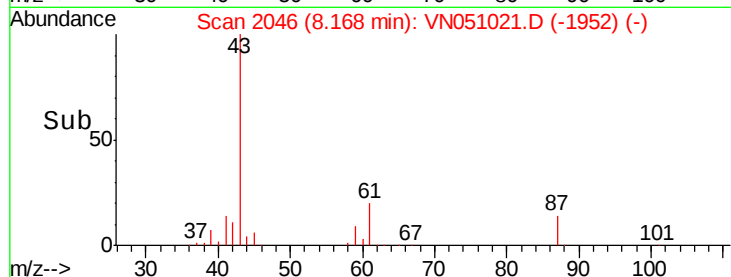
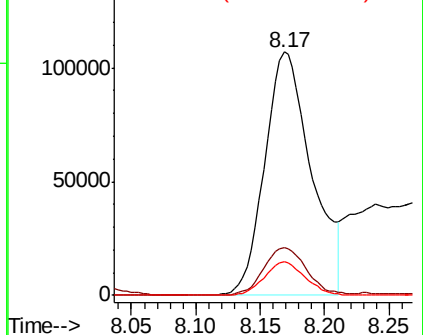
87 11.9 11.3 16.9



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: 45.08 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN051021.D

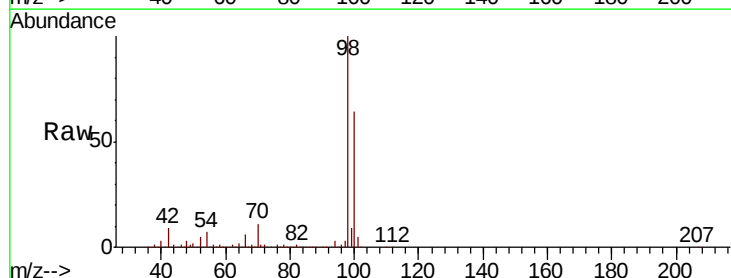
Acq: 4 Sep 2018 15:56

Tgt Ion: 98 Resp: 1319760

Ion Ratio Lower Upper

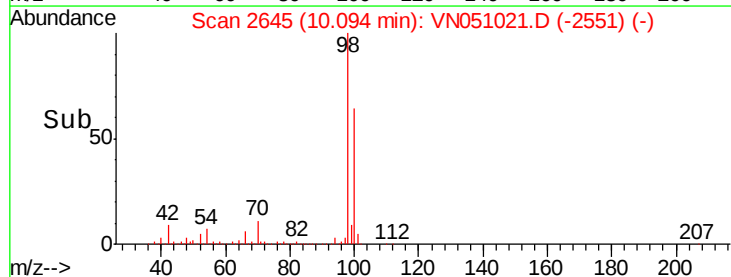
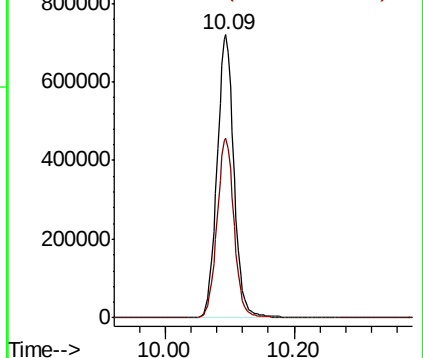
98 100

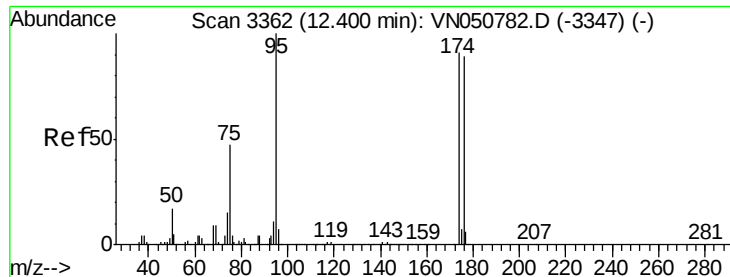
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

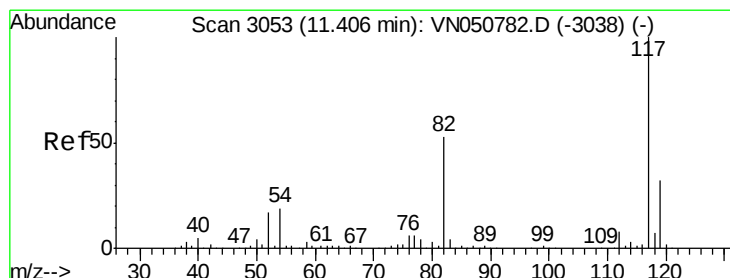
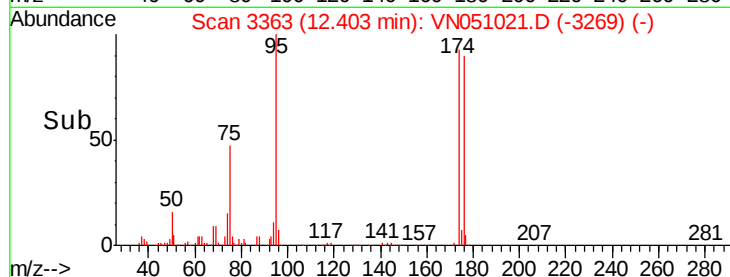
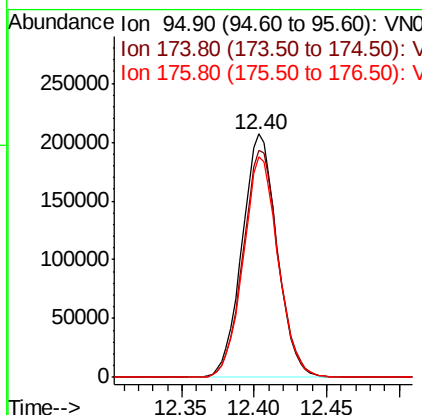
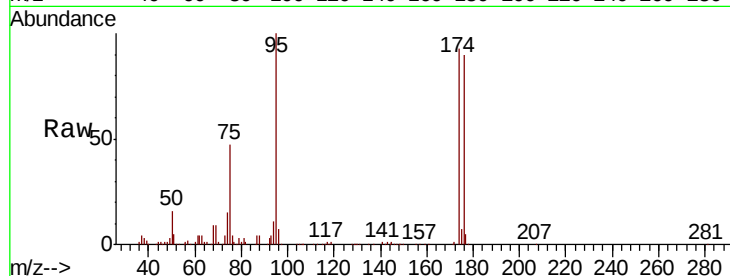




#62
4-Bromofluorobenzene
Concen: 35.69 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN051021.D
Acq: 4 Sep 2018 15:56

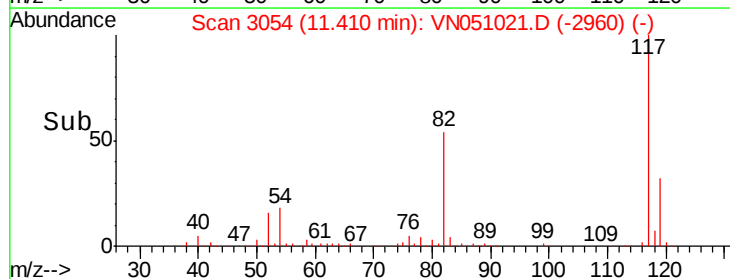
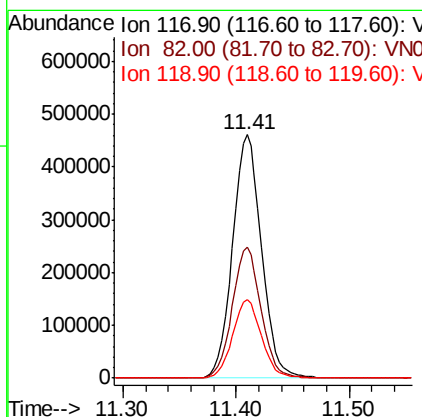
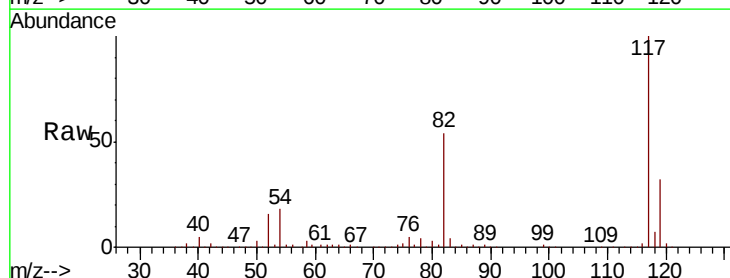
Instrument :
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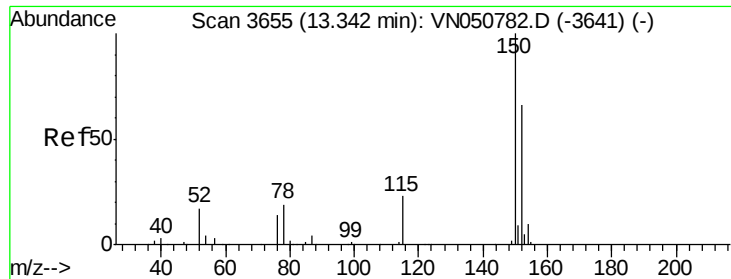
Tot Ion: 95 Resp: 347209
Ion Ratio Lower Upper
95 100
174 94.3 0.0 183.0
176 90.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN051021.D
Acq: 4 Sep 2018 15:56

Tgt Ion: 117 Resp: 818857
Ion Ratio Lower Upper
117 100
82 53.9 42.6 64.0
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN051021.D

Acq: 4 Sep 2018 15:56

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#07

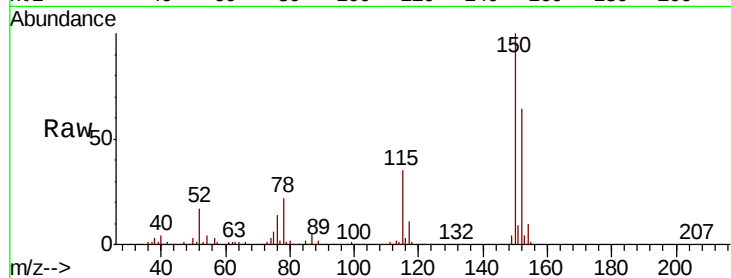
Tot Ion:152 Resp: 268764

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

150 155.9 0.0 351.4



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

