

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060914.D
 Acq On : 13 Apr 2020 21:42
 Operator : JC/MD
 Sample : PB128105
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128105

Quant Time: Apr 14 07:52:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

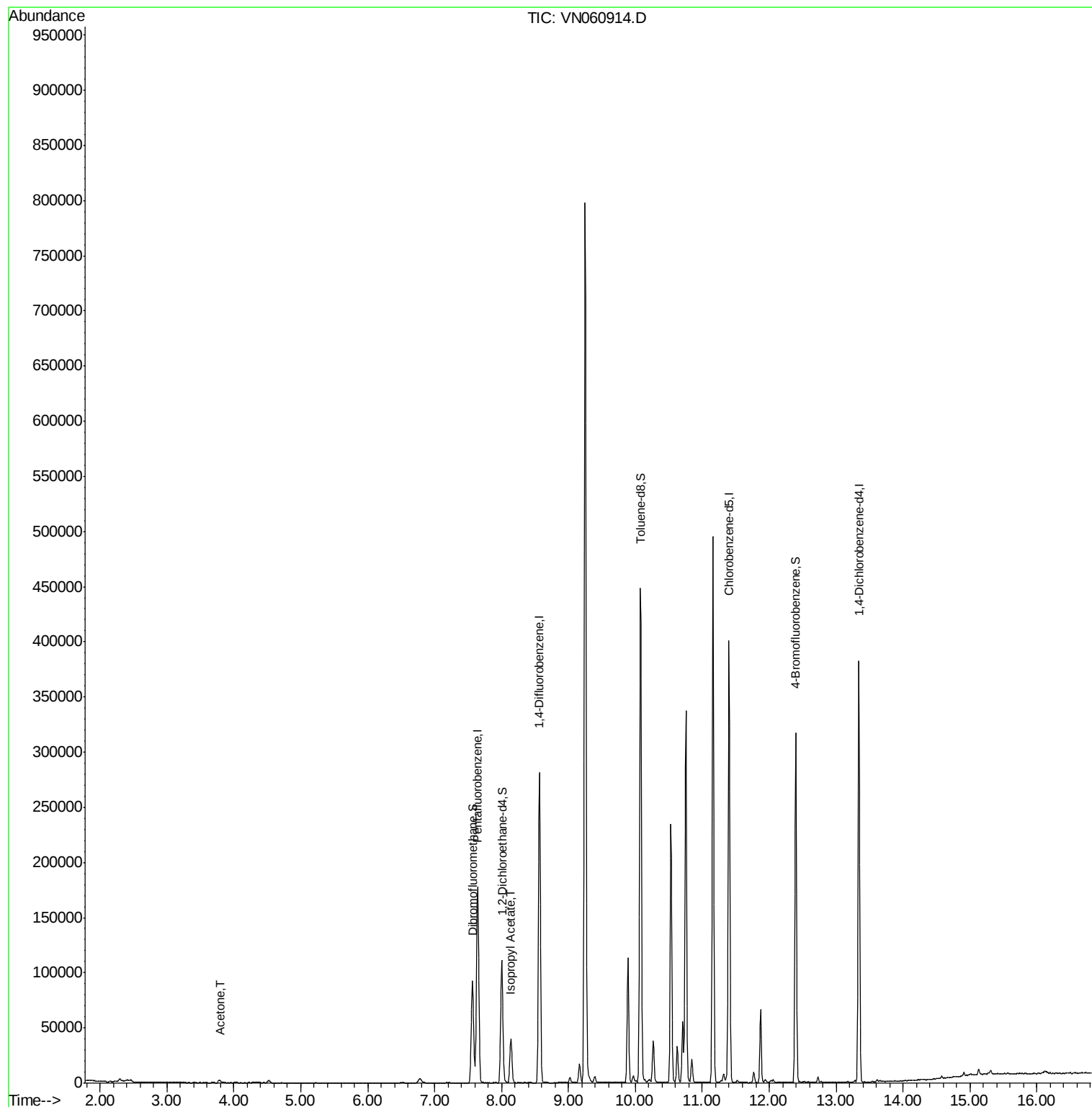
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	147514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	247696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	227885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	99825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96529	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	7.56	113	72913	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	10.08	98	305867	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	112738	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
Target Compounds						
16) Acetone	3.79	43	4968	6.926	ug/l	94
43) Isopropyl Acetate	8.14	43	48865	11.433	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060914.D

Acq: 13 Apr 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

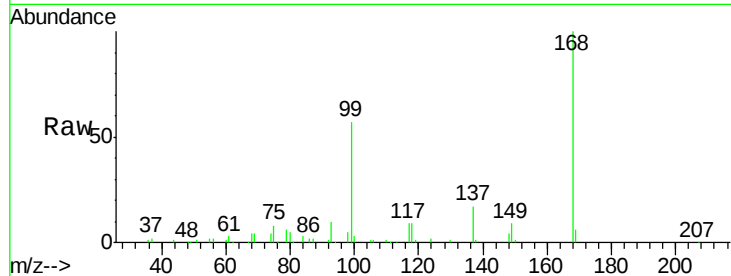
PB128105

Tot Ion:168 Resp: 147514

Ion Ratio Lower Upper

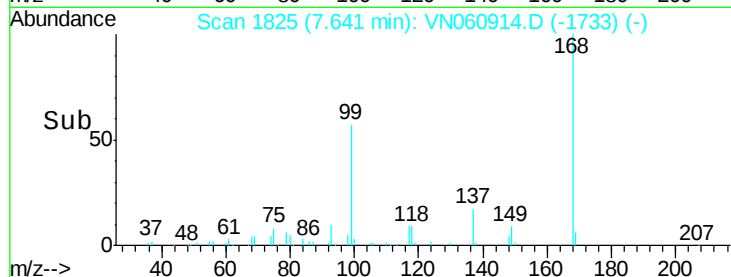
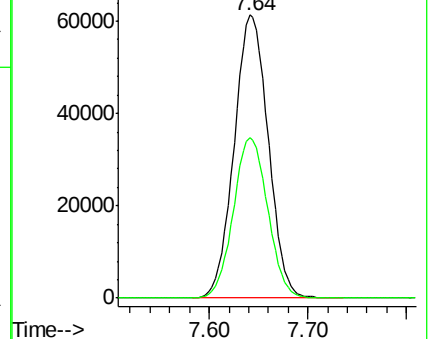
168 100

99 56.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060914.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060914.D (-1733) (-)



#16

Acetone

Concen: 6.926 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060914.D

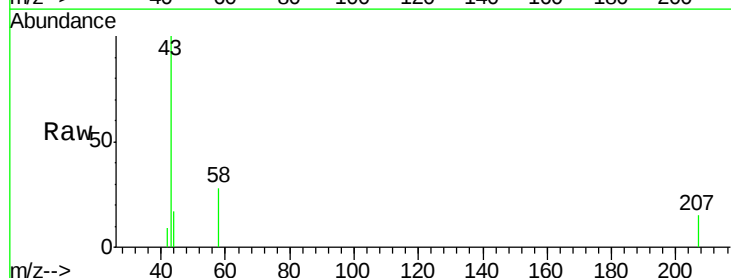
Acq: 13 Apr 2020 21:42

Tgt Ion: 43 Resp: 4968

Ion Ratio Lower Upper

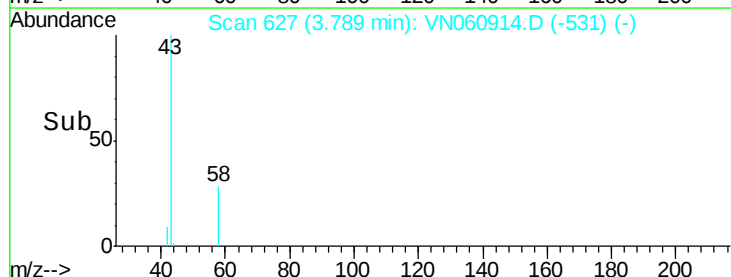
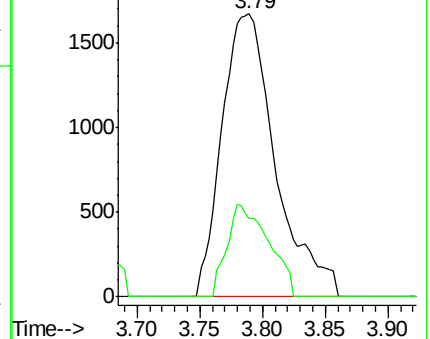
43 100

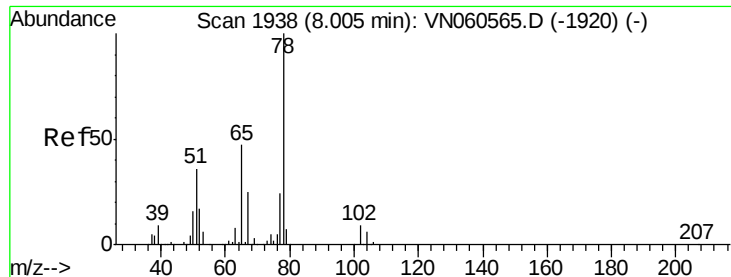
58 27.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060914.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060914.D (-531) (-)

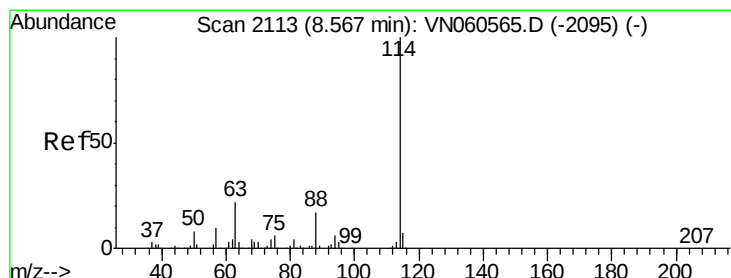
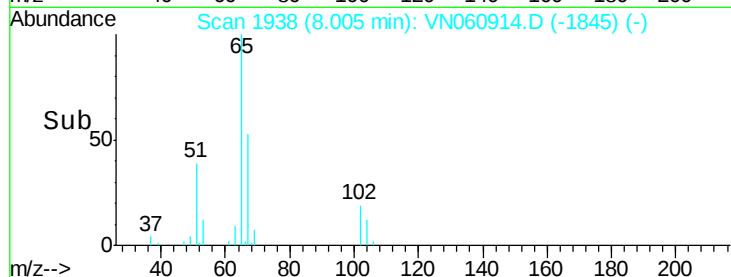
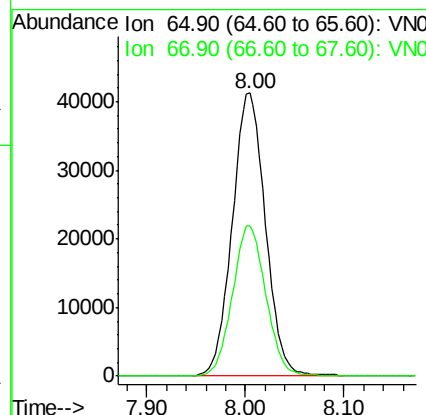
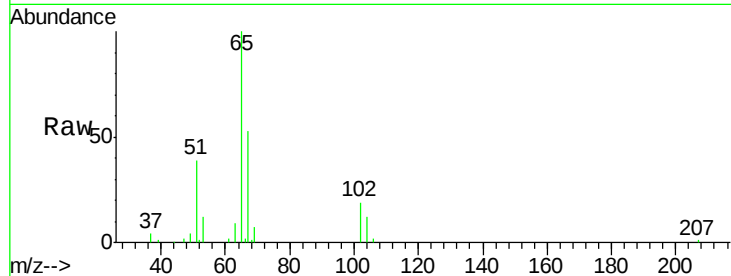




#33
 1,2-Dichloroethane-d4
 Concen: 47.668 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060914.D
 Acq: 13 Apr 2020 21:42

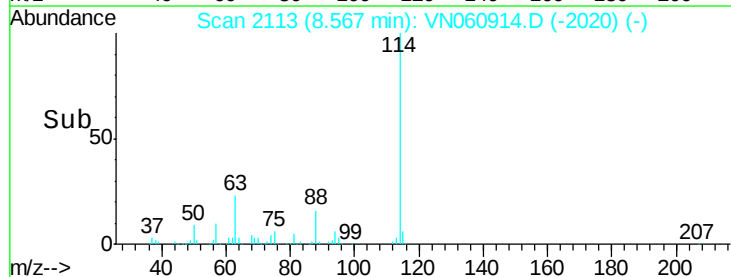
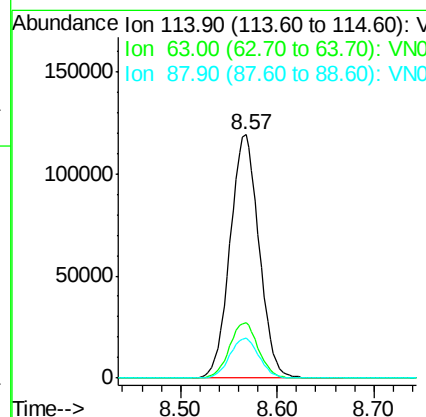
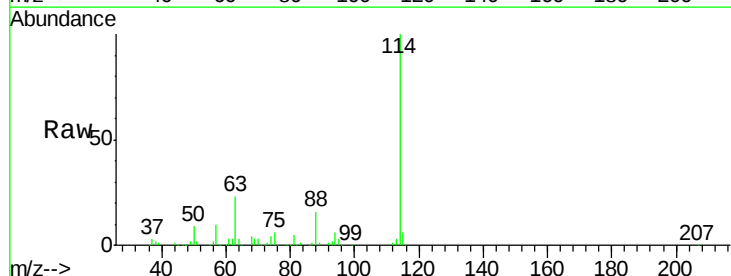
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128105

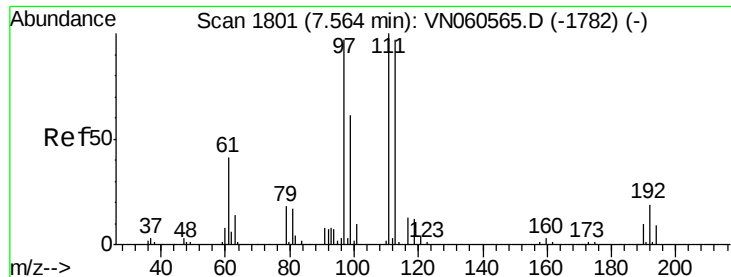
Tot Ion: 65 Resp: 96529
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060914.D
 Acq: 13 Apr 2020 21:42

Tgt Ion: 114 Resp: 247696
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.682 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060914.D

Acq: 13 Apr 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

PB128105

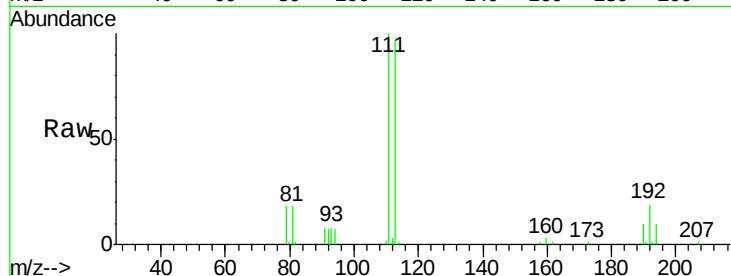
Tot Ion:113 Resp: 72913

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

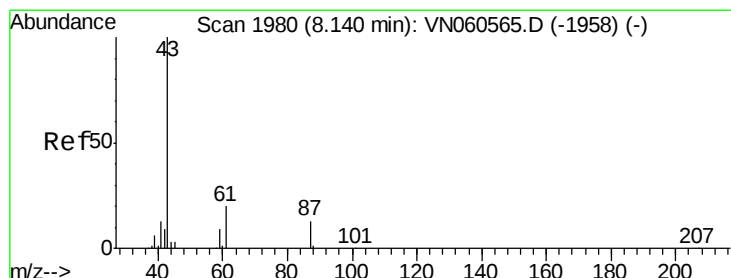
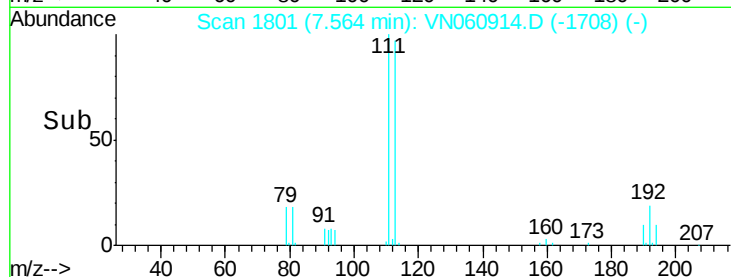
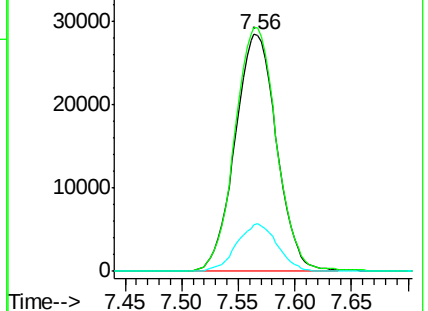
192 19.6 15.8 23.8



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: 11.433 ug/l

RT: 8.14 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060914.D

Acq: 13 Apr 2020 21:42

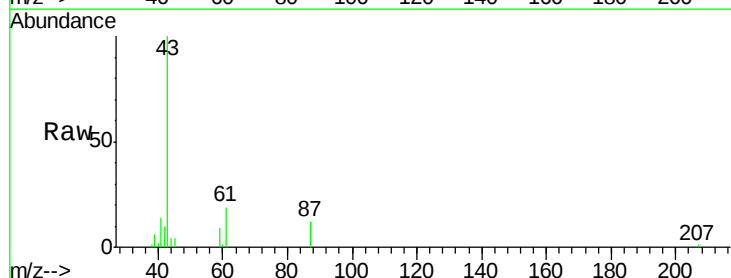
Tgt Ion: 43 Resp: 48865

Ion Ratio Lower Upper

43 100

61 19.0 20.7 31.1#

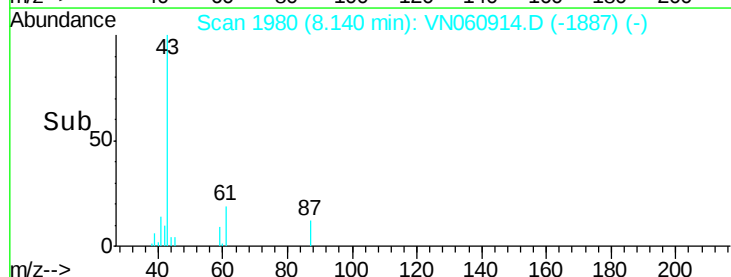
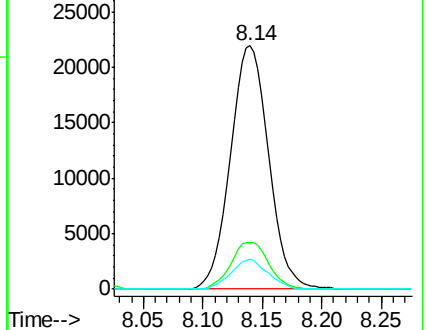
87 11.5 9.8 14.8

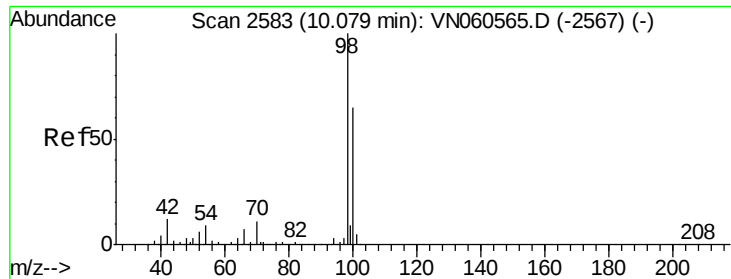


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.997 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060914.D

Acq: 13 Apr 2020 21:42

Instrument :

MSVOA_N

ClientSampleId :

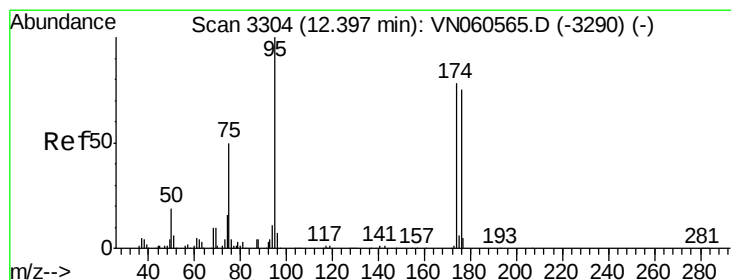
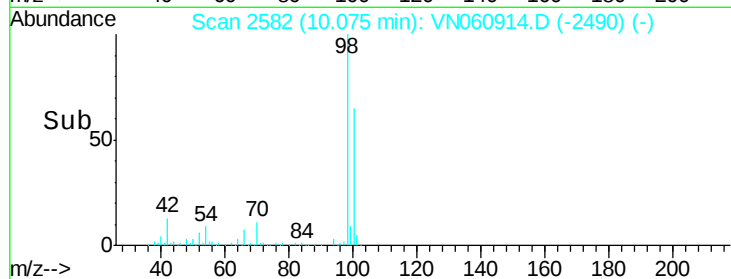
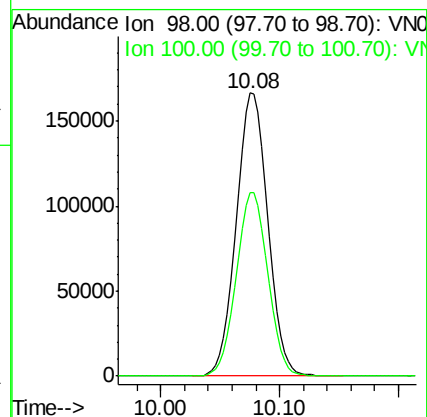
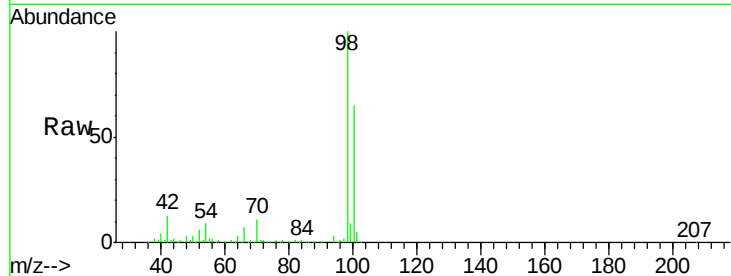
PB128105

Tot Ion: 98 Resp: 305867

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 50.284 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060914.D

Acq: 13 Apr 2020 21:42

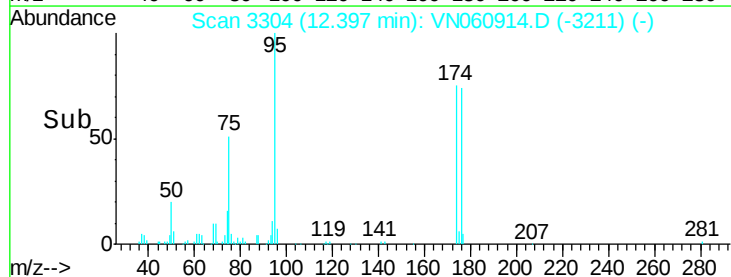
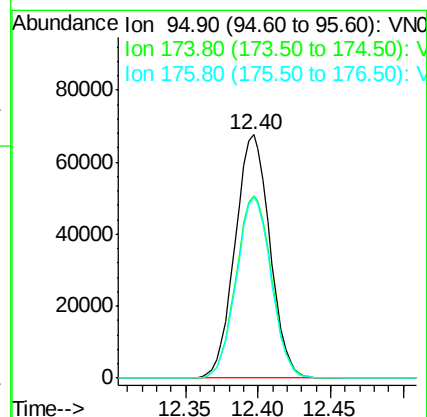
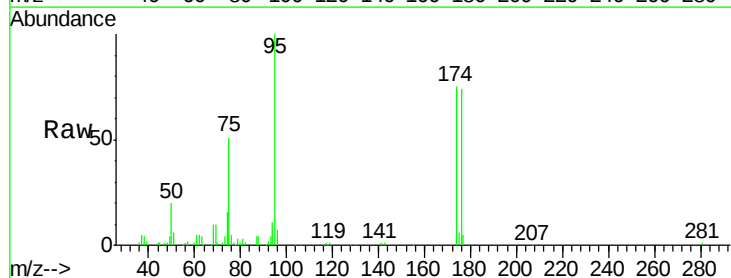
Tgt Ion: 95 Resp: 112738

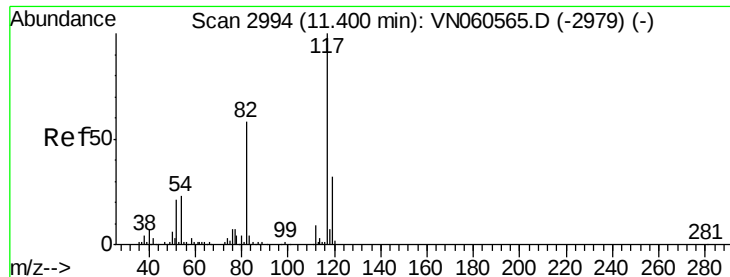
Ion Ratio Lower Upper

95 100

174 76.4 0.0 157.6

176 74.2 0.0 150.6

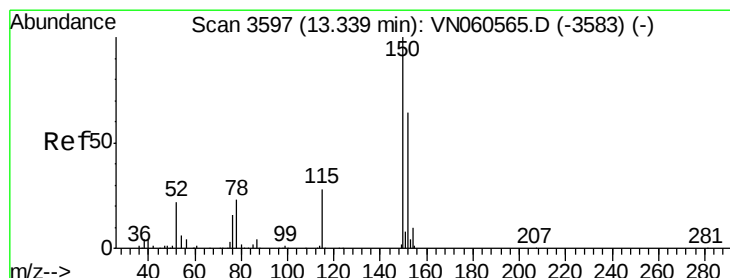
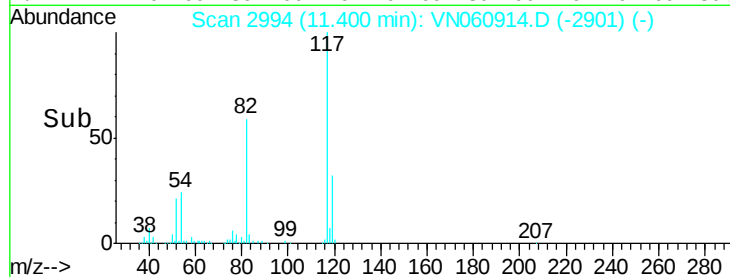
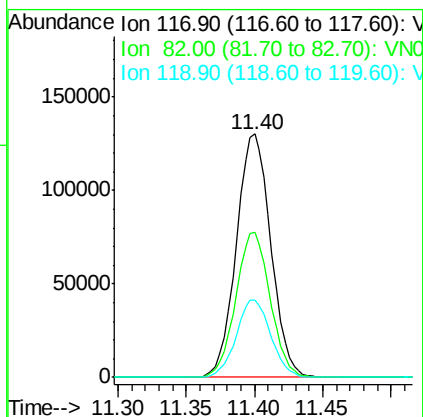
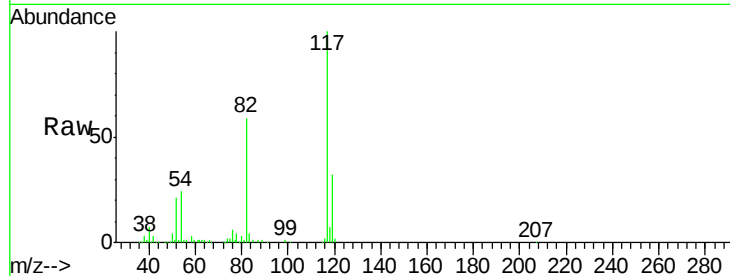




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060914.D
Acq: 13 Apr 2020 21:42

Instrument :
MSVOA_N
ClientSampleId :
PB128105

Tot Ion:117 Resp: 227885
Ion Ratio Lower Upper
117 100
82 59.4 46.7 70.1
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060914.D
Acq: 13 Apr 2020 21:42

Tgt Ion:152 Resp: 99825
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 158.3 0.0 350.2

