

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052077.D
 Acq On : 31 Oct 2018 16:45
 Operator : MD\SY
 Sample : PB114328ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#07

Quant Time: Nov 01 02:06:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	279568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	531144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	507884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	205868	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	246046	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.59	113	199418	60.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.02%	
50) Toluene-d8	10.09	98	798149	60.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.20%	
62) 4-Bromofluorobenzene	12.40	95	273342	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	

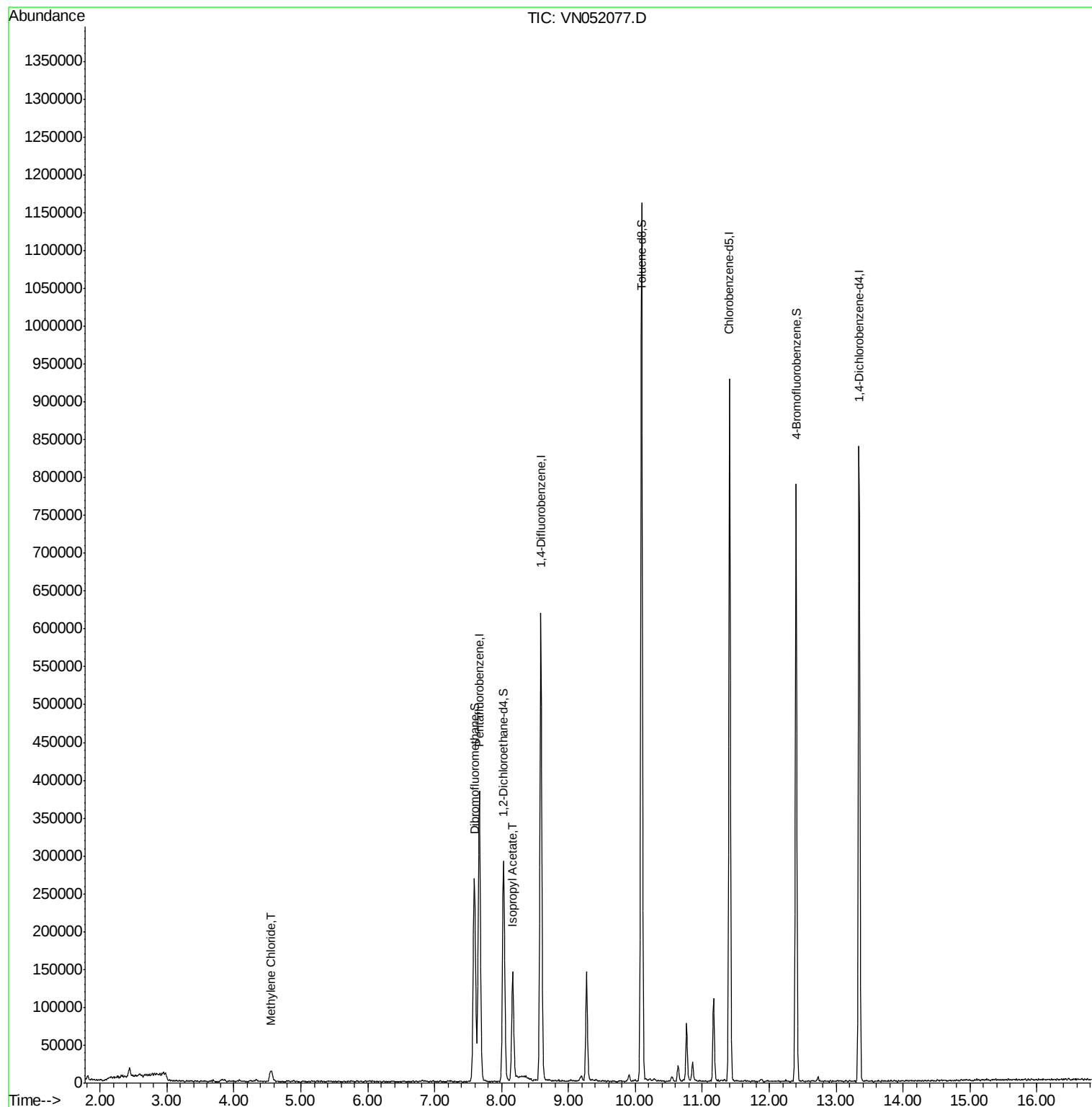
Target Compounds						Qvalue
20) Methylene Chloride	4.56	84	10765	2.95	ug/l	# 81
43) Isopropyl Acetate	8.17	43	169898	26.43	ug/l	99

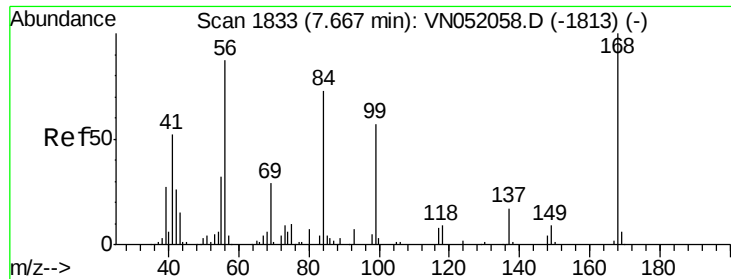
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 31 02:45:22 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052077.D

Acq: 31 Oct 2018 16:45

Instrument :

MSVOA_N

ClientSampleId :

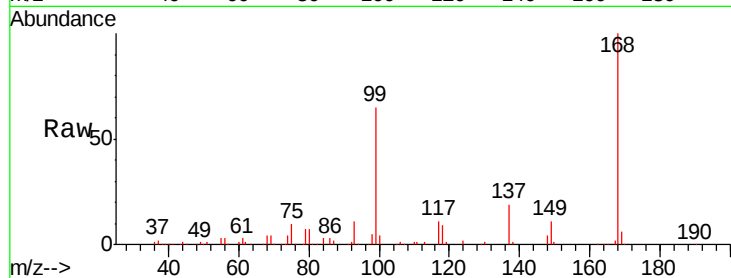
PB114328ZHE#07

Tgt Ion:168 Resp: 279568

Ion Ratio Lower Upper

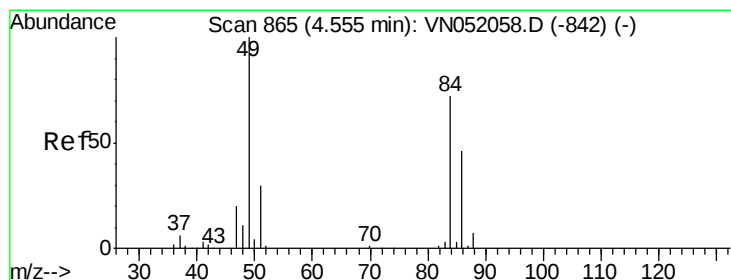
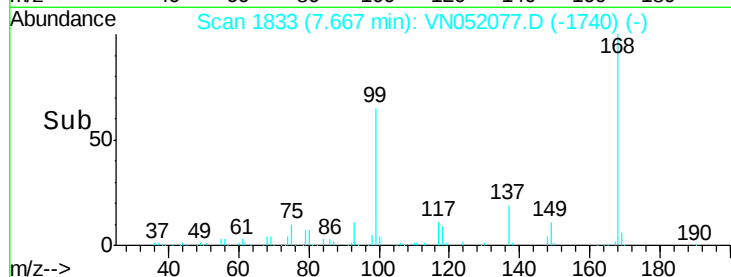
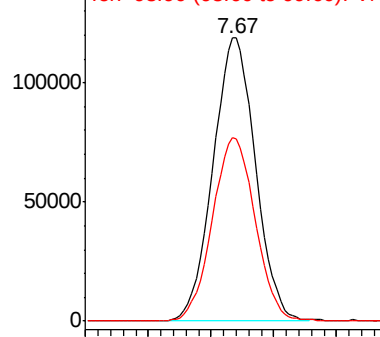
168 100

99 64.6 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 2.95 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052077.D

Acq: 31 Oct 2018 16:45

Tgt Ion: 84 Resp: 10765

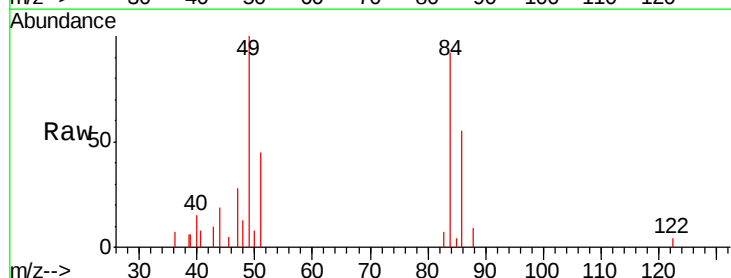
Ion Ratio Lower Upper

84 100

49 104.1 110.6 165.8#

51 49.3 33.7 50.5

86 60.3 50.5 75.7

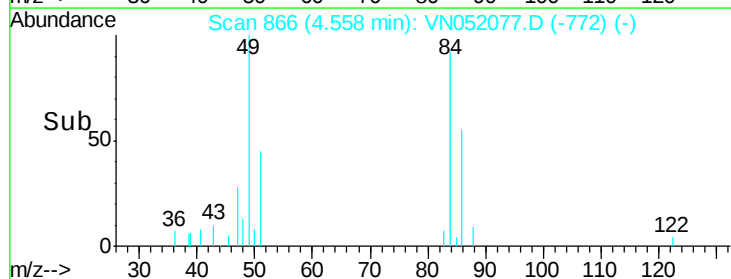
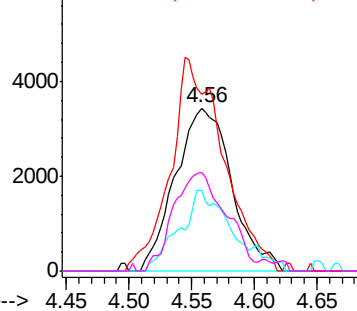


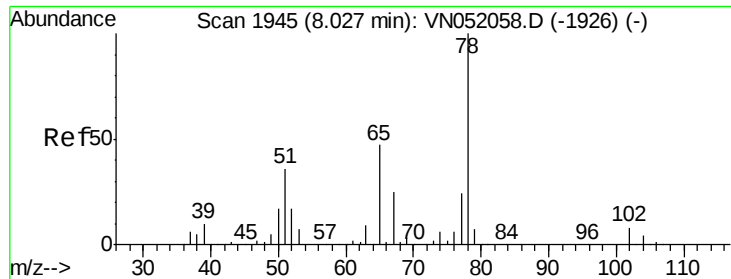
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052077.D

Acq: 31 Oct 2018 16:45

Instrument :

MSVOA_N

ClientSampleId :

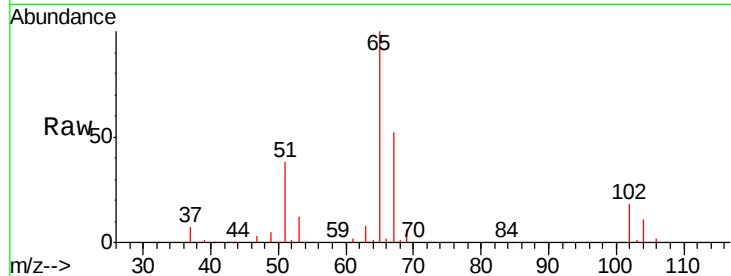
PB114328ZHE#07

Tgt Ion: 65 Resp: 246046

Ion Ratio Lower Upper

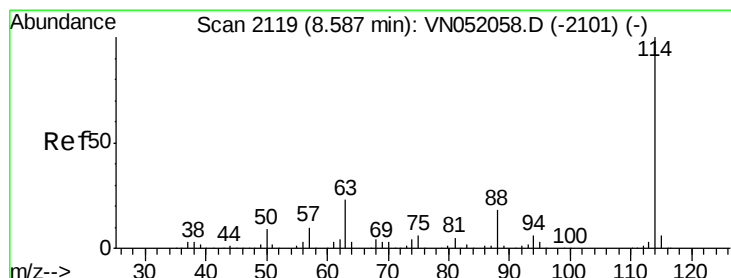
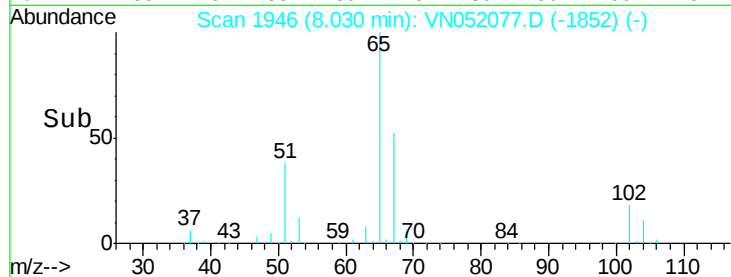
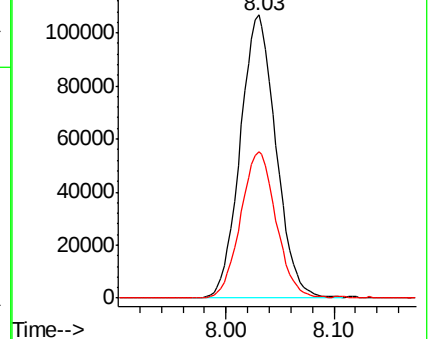
65 100

67 51.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052077.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052077.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052077.D

Acq: 31 Oct 2018 16:45

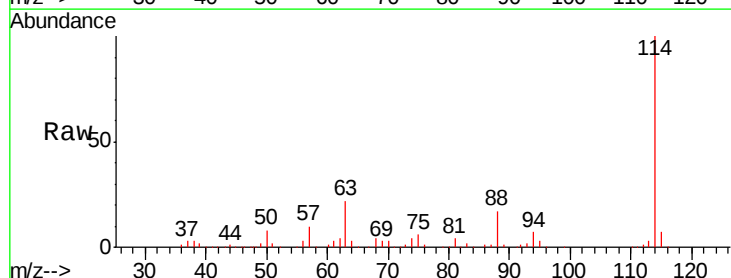
Tgt Ion: 114 Resp: 531144

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.0

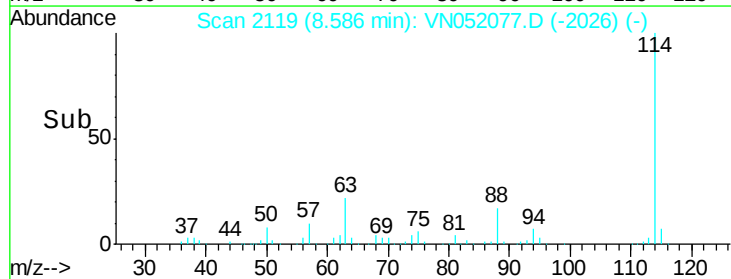
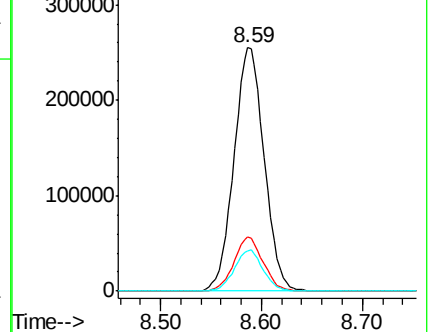
88 16.7 0.0 35.4

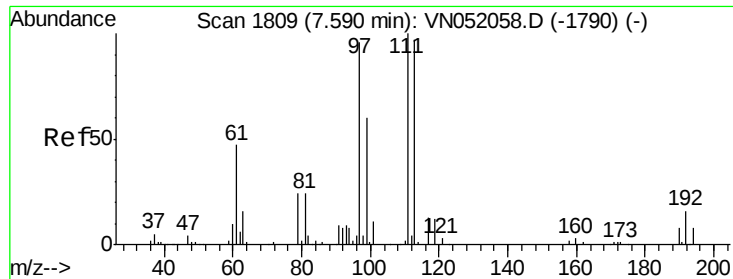


Abundance Ion 113.90 (113.60 to 114.60): VN052077.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN052077.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN052077.D (-2026) (-)

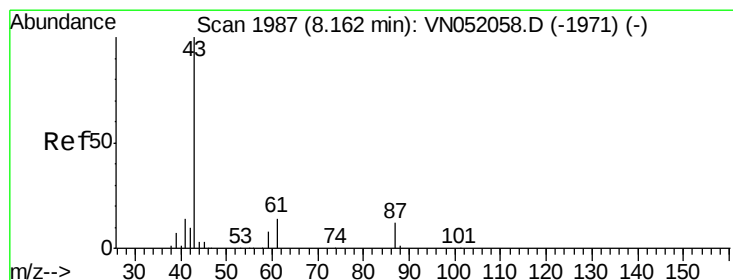
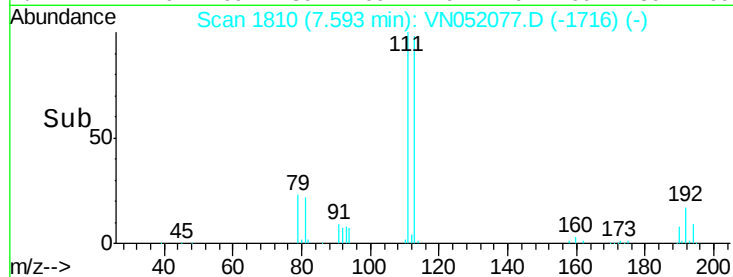
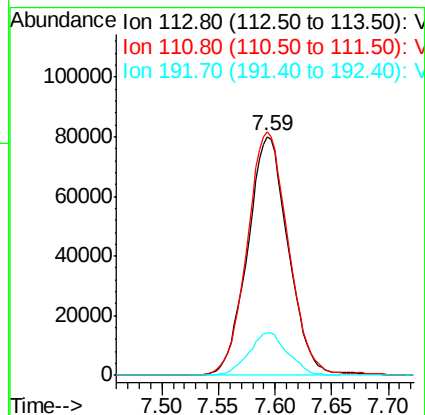
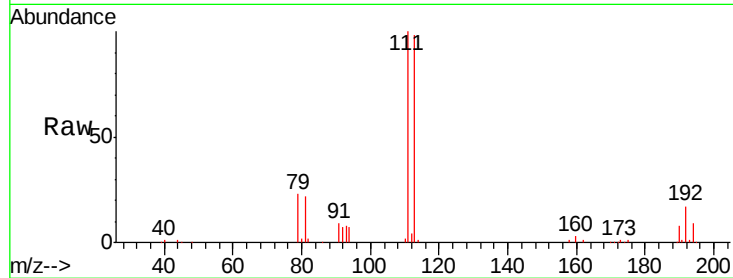




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052077.D
 Acq: 31 Oct 2018 16:45

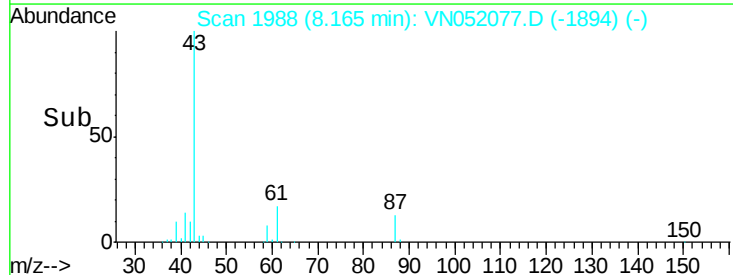
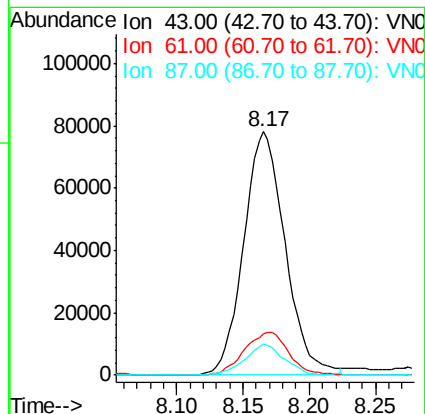
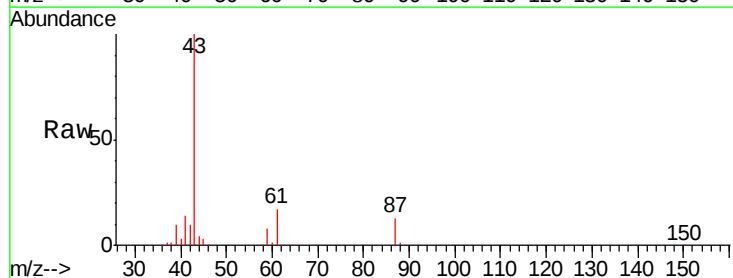
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#07

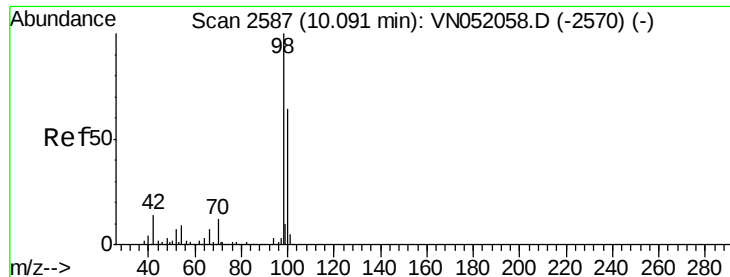
Tgt Ion:113 Resp: 199418
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.1 124.7
 192 17.2 12.7 19.1



#43
 Isopropyl Acetate
 Concen: 26.43 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052077.D
 Acq: 31 Oct 2018 16:45

Tgt Ion: 43 Resp: 169898
 Ion Ratio Lower Upper
 43 100
 61 18.9 15.4 23.0
 87 12.0 9.8 14.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052077.D

Acq: 31 Oct 2018 16:45

Instrument :

MSVOA_N

ClientSampleId :

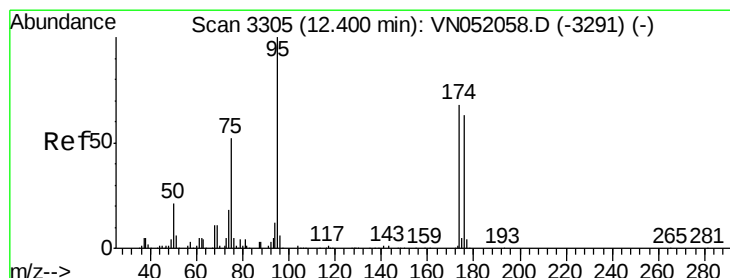
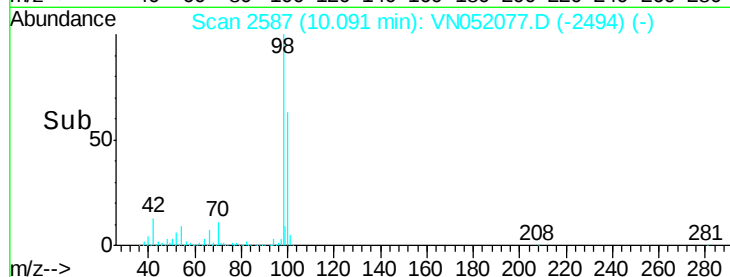
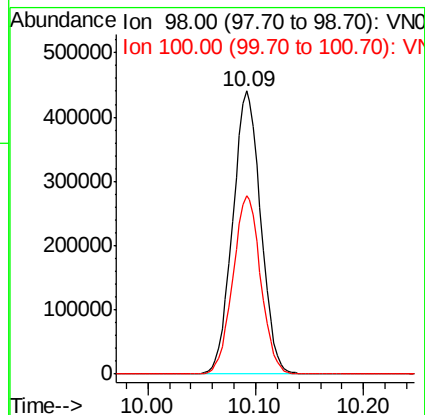
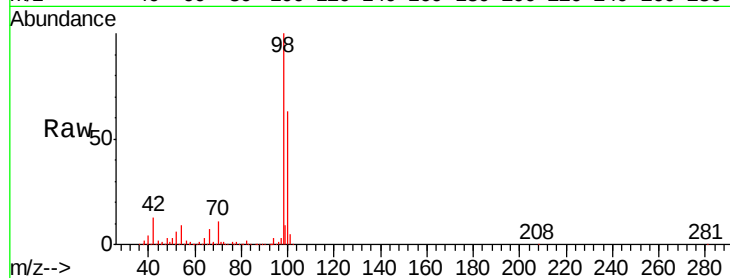
PB114328ZHE#07

Tgt Ion: 98 Resp: 798149

Ion Ratio Lower Upper

98 100

100 62.8 51.4 77.2



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052077.D

Acq: 31 Oct 2018 16:45

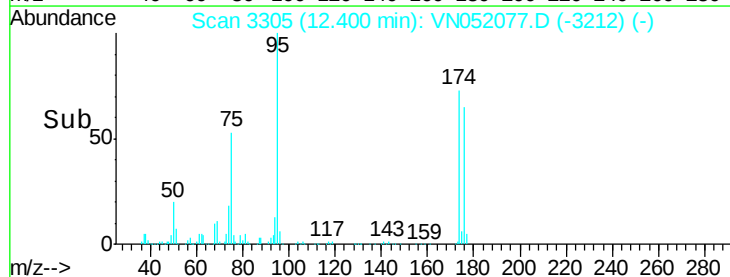
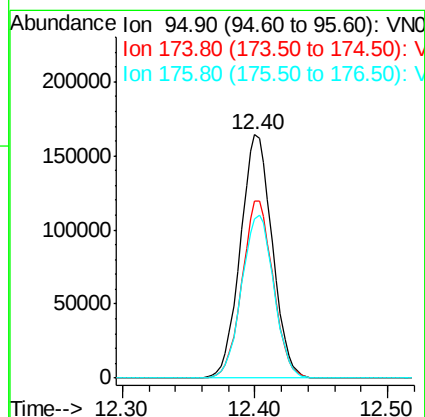
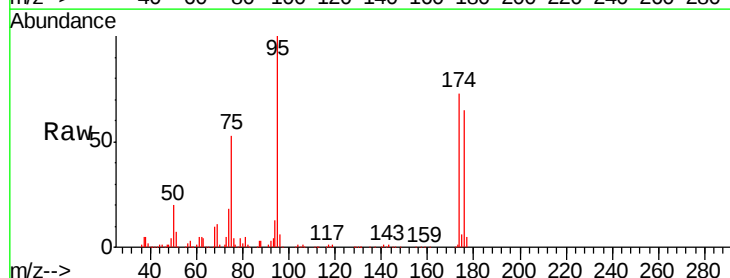
Tgt Ion: 95 Resp: 273342

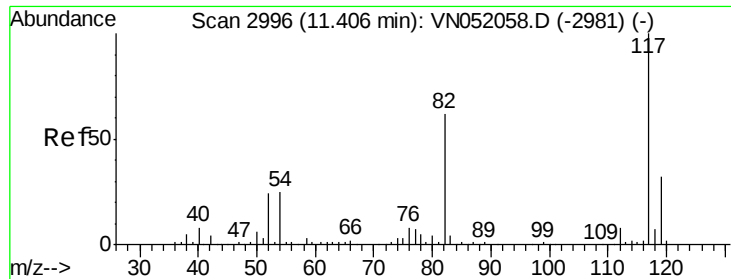
Ion Ratio Lower Upper

95 100

174 71.2 0.0 131.8

176 67.6 0.0 126.0

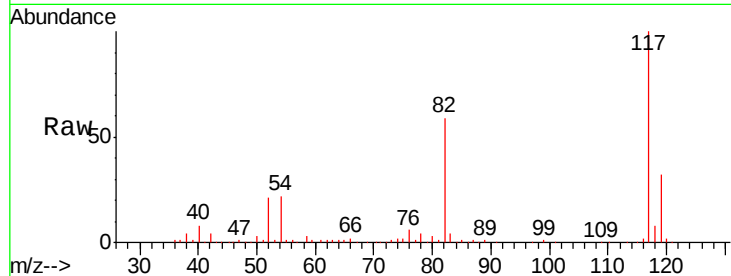




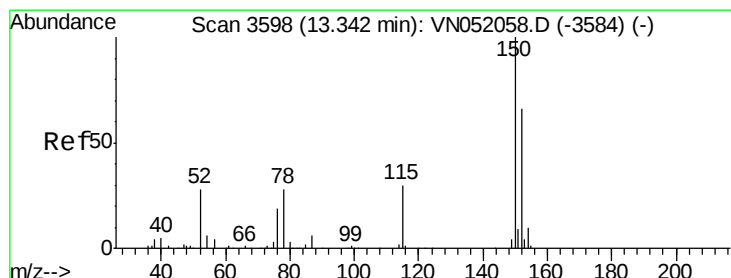
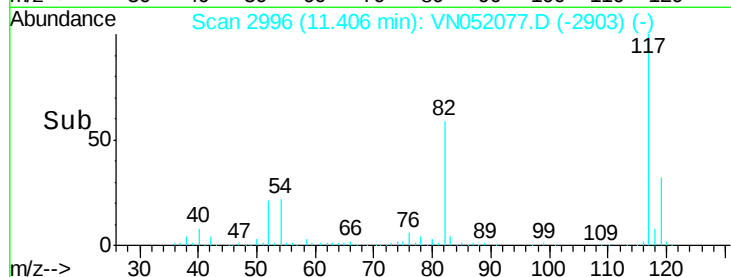
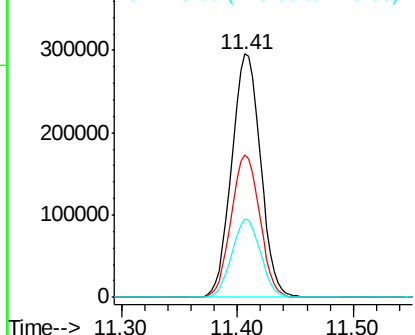
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052077.D
Acq: 31 Oct 2018 16:45

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#07

Tgt Ion:117 Resp: 507884
Ion Ratio Lower Upper
117 100
82 58.8 49.9 74.9
119 32.1 25.7 38.5

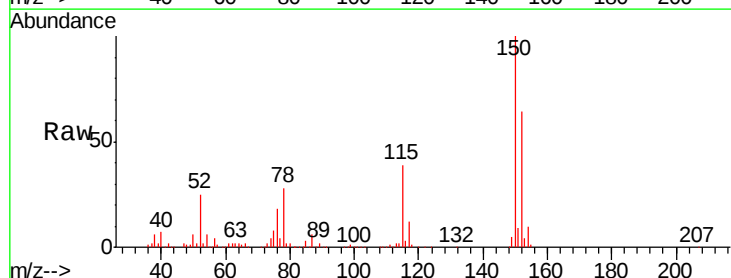


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052077.D
Acq: 31 Oct 2018 16:45

Tgt Ion:152 Resp: 205868
Ion Ratio Lower Upper
152 100
115 61.9 31.6 95.0
150 159.2 0.0 345.0



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

