

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052435.D
 Acq On : 21 Nov 2018 13:51
 Operator : MD\SY
 Sample : PB114992ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#05

Quant Time: Nov 22 00:33:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	309543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	521195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	447111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	153717	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	235951	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	7.59	113	173649	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.09	98	668591	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.40	95	197646	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	

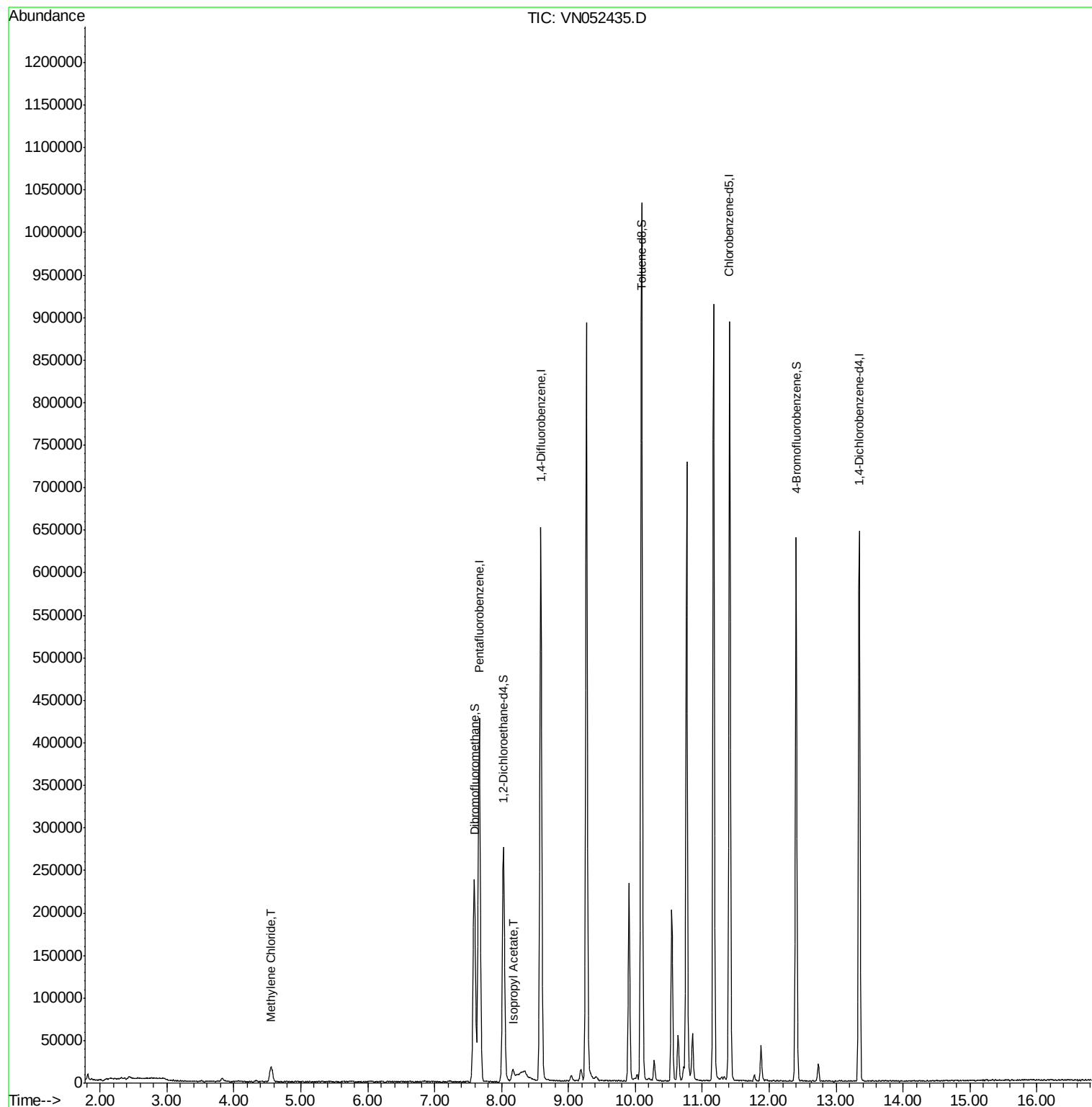
Target Compounds						Qvalue
20) Methylene Chloride	4.56	84	10560	2.21	ug/l	96
43) Isopropyl Acetate	8.17	43	18425	2.52	ug/l	99

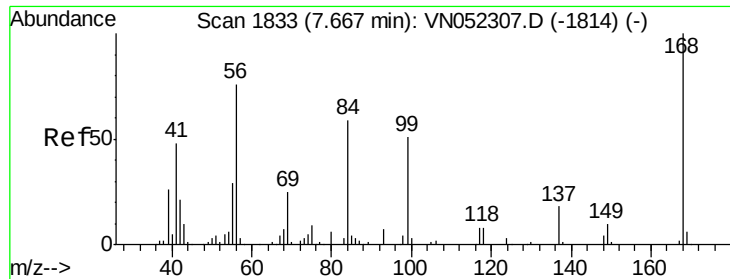
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052435.D

Acq: 21 Nov 2018 13:51

Instrument :

MSVOA_N

ClientSampleId :

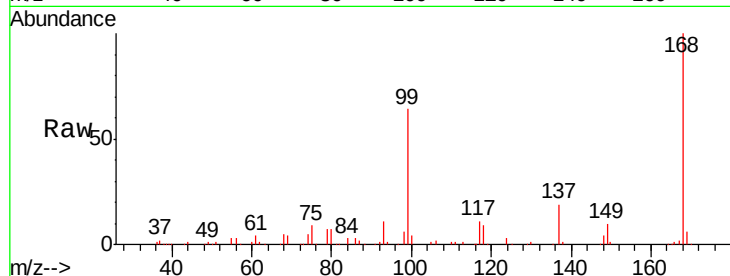
PB114992ZHE#05

Tgt Ion:168 Resp: 309543

Ion Ratio Lower Upper

168 100

99 64.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

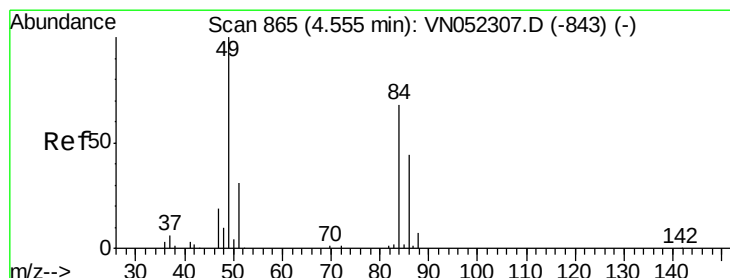
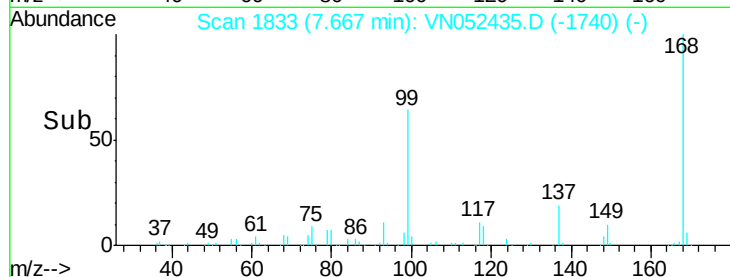
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.21 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052435.D

Acq: 21 Nov 2018 13:51

Tgt Ion: 84 Resp: 10560

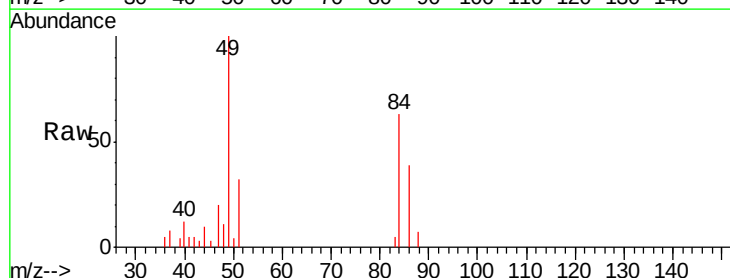
Ion Ratio Lower Upper

84 100

49 151.4 118.2 177.2

51 50.1 36.1 54.1

86 62.2 51.6 77.4



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

8000

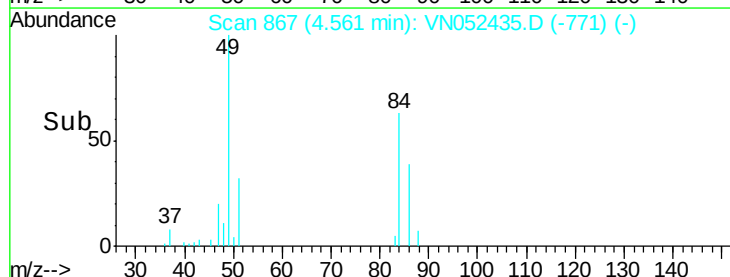
6000

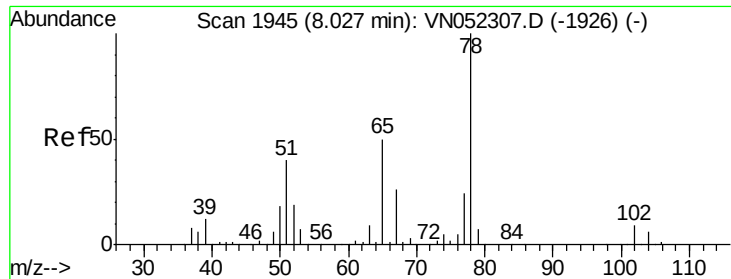
4000

2000

0

Time-->

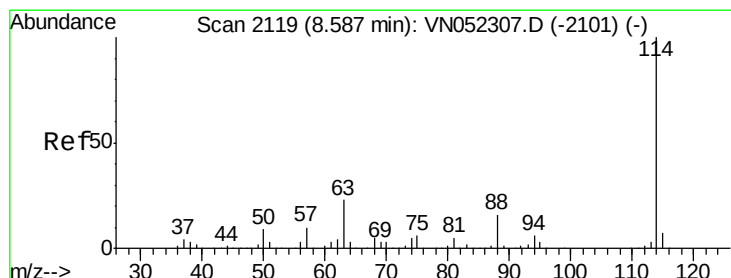
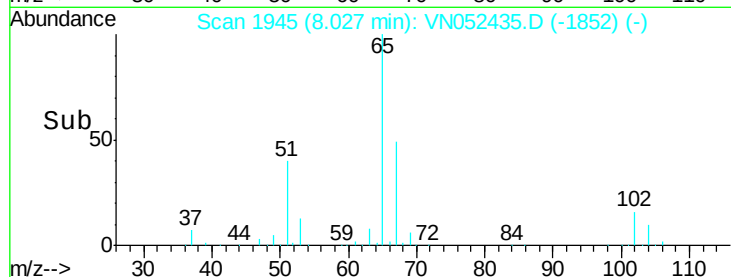
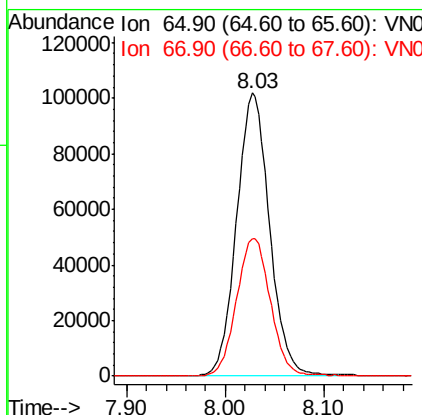
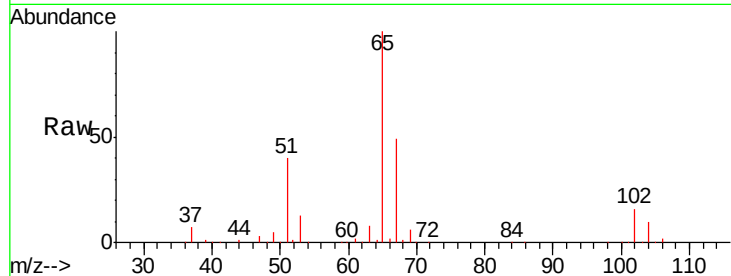




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052435.D
 Acq: 21 Nov 2018 13:51

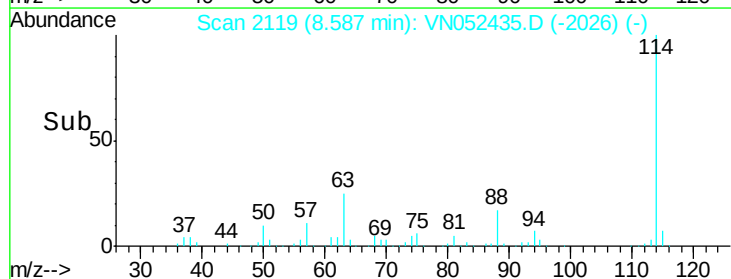
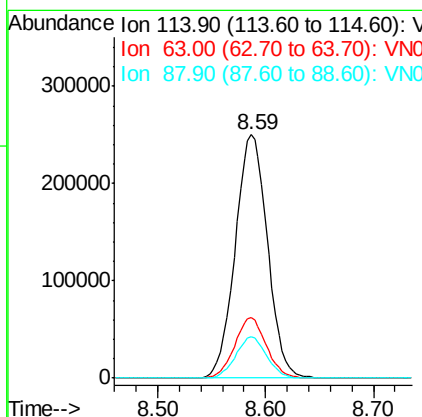
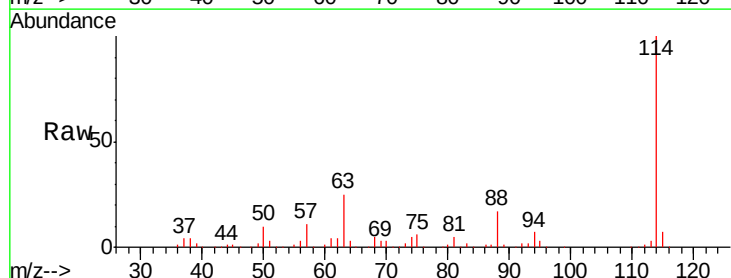
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#05

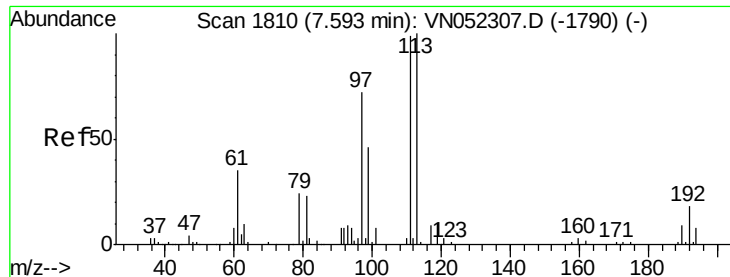
Tgt Ion: 65 Resp: 235951
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052435.D
 Acq: 21 Nov 2018 13:51

Tgt Ion: 114 Resp: 521195
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 45.4
 88 16.9 0.0 31.2

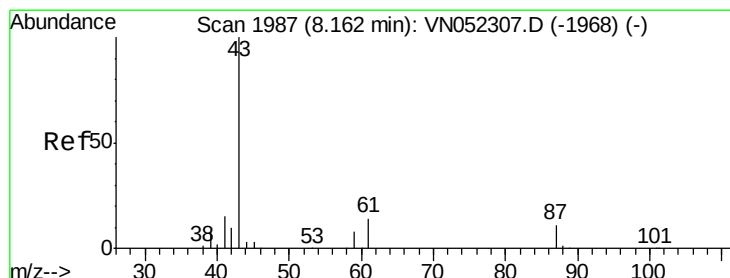
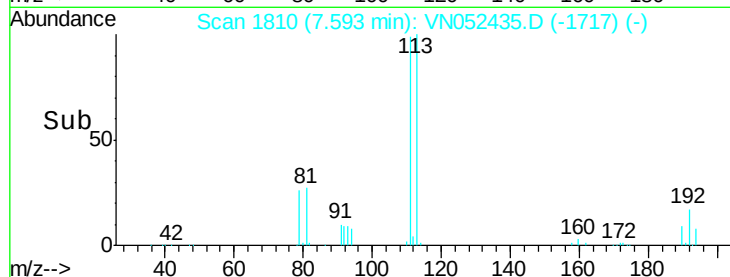
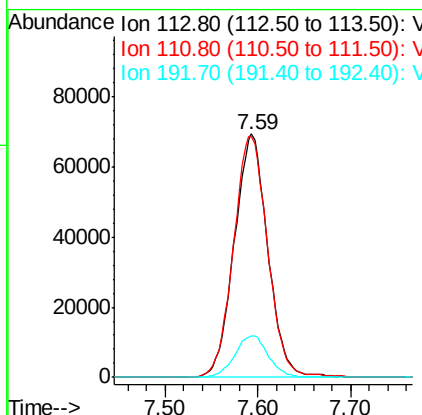
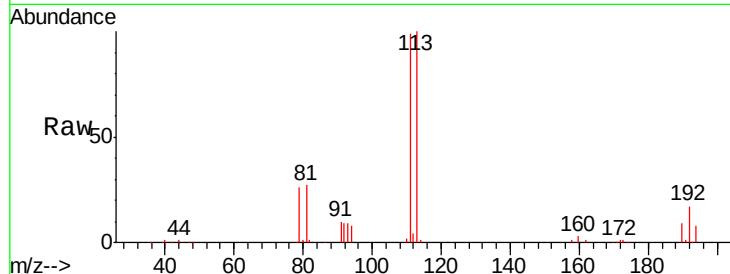




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052435.D
 Acq: 21 Nov 2018 13:51

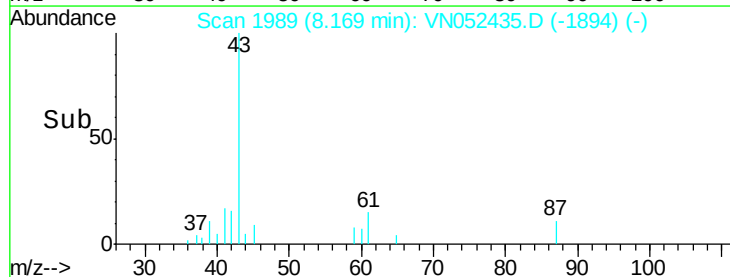
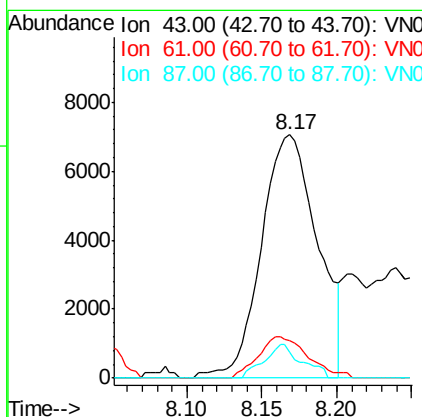
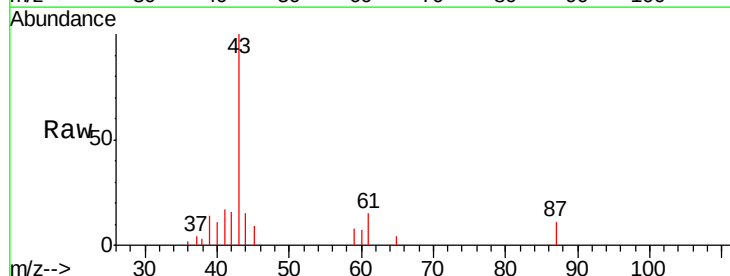
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114992ZHE#05

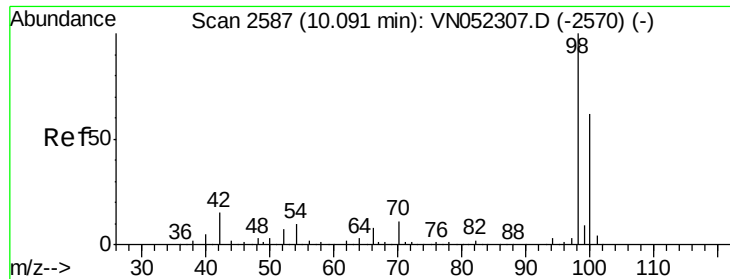
Tgt Ion: 113 Resp: 173649
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.0 121.6
 192 17.1 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 2.52 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN052435.D
 Acq: 21 Nov 2018 13:51

Tgt Ion: 43 Resp: 18425
 Ion Ratio Lower Upper
 43 100
 61 15.1 12.0 18.0
 87 9.2 8.3 12.5





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052435.D

Acq: 21 Nov 2018 13:51

Instrument :

MSVOA_N

ClientSampleId :

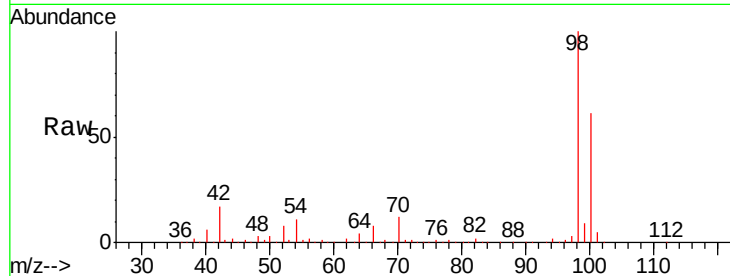
PB114992ZHE#05

Tgt Ion: 98 Resp: 668591

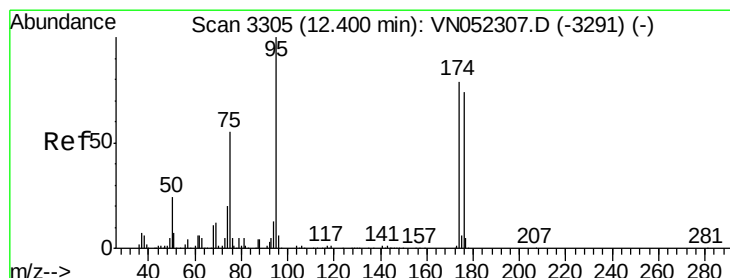
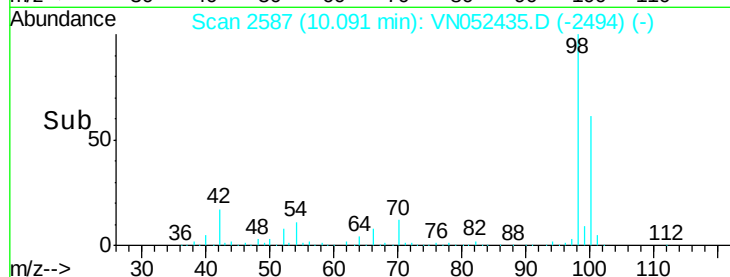
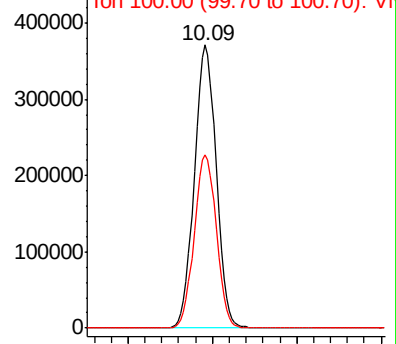
Ion Ratio Lower Upper

98 100

100 61.9 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052435.D

Acq: 21 Nov 2018 13:51

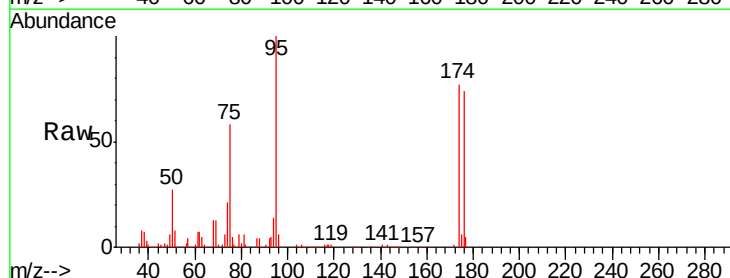
Tgt Ion: 95 Resp: 197646

Ion Ratio Lower Upper

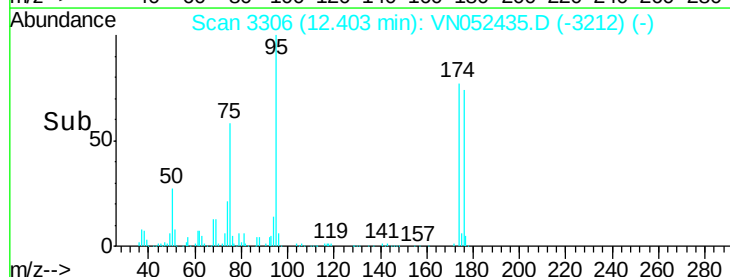
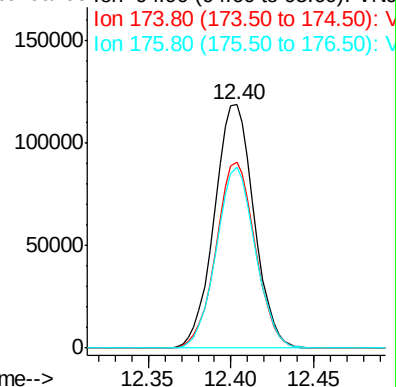
95 100

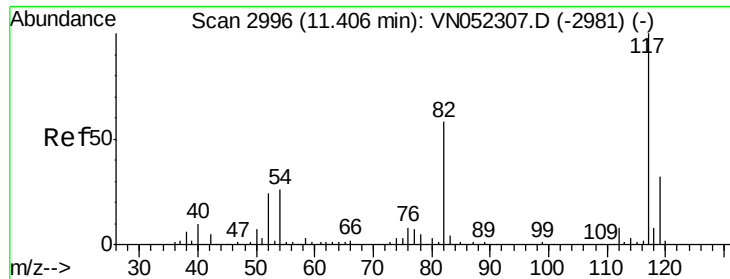
174 75.6 0.0 156.0

176 73.4 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052307.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052435.D

Acq: 21 Nov 2018 13:51

Instrument :

MSVOA_N

ClientSampleId :

PB114992ZHE#05

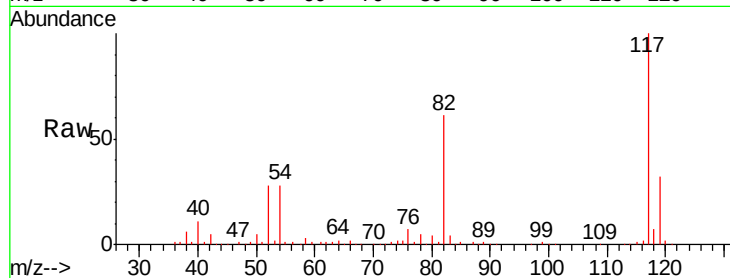
Tgt Ion:117 Resp: 447111

Ion Ratio Lower Upper

117 100

82 60.7 46.5 69.7

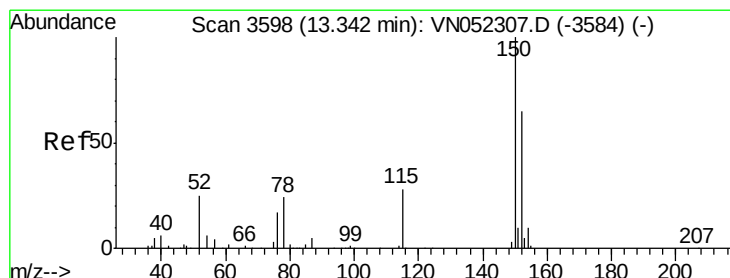
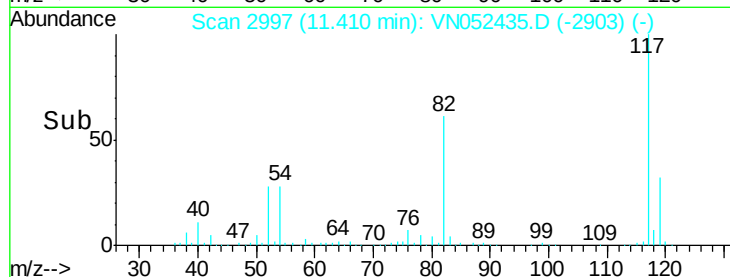
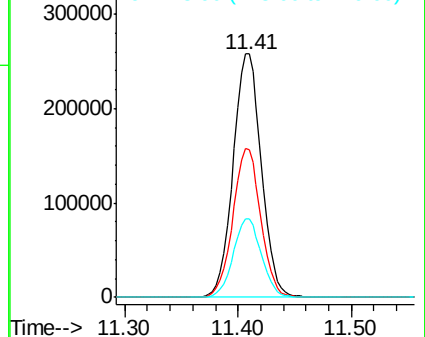
119 32.1 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN052435.D

Acq: 21 Nov 2018 13:51

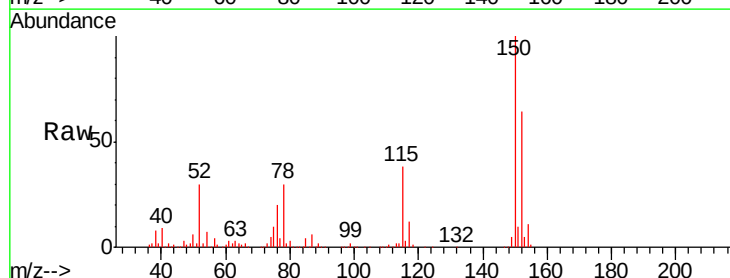
Tgt Ion:152 Resp: 153717

Ion Ratio Lower Upper

152 100

115 60.9 30.3 91.0

150 158.3 0.0 348.2



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

