

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052387.D
 Acq On : 19 Nov 2018 16:13
 Operator : MD\SY
 Sample : PB114846ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#03

Quant Time: Nov 20 07:41:34 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

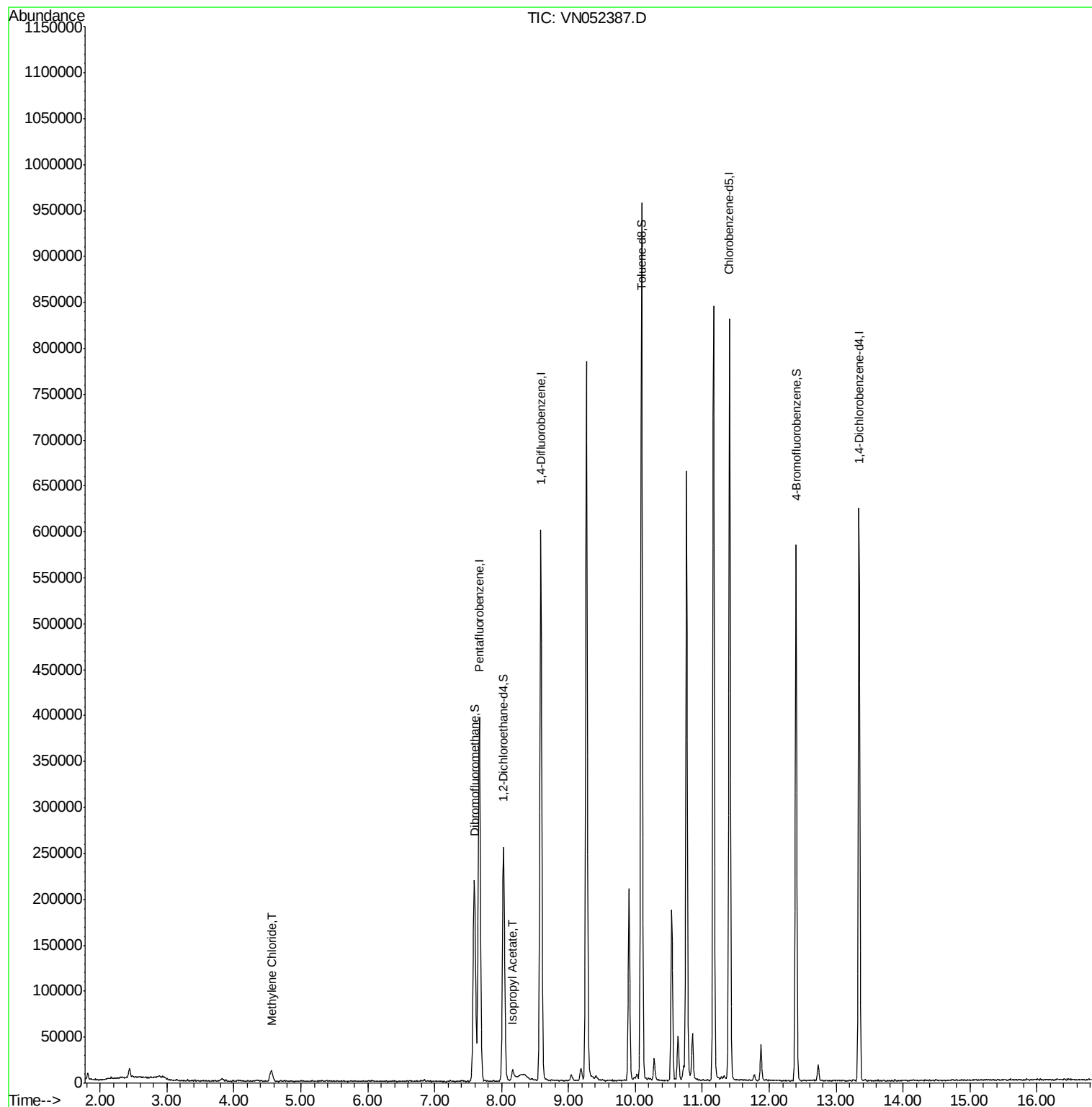
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	289068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	486825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	422382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215035	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
35) Dibromofluoromethane	7.59	113	160915	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	10.09	98	619081	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.40	95	181907	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.54%	
Target Compounds						
20) Methylene Chloride	4.56	84	6491	1.21	ug/l	# 87
43) Isopropyl Acetate	8.16	43	16349	2.39	ug/l	97

(#) = 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: VN052387.D

Acq: 19 Nov 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

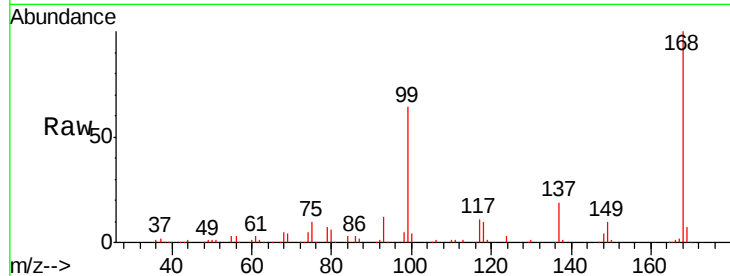
PB114846ZHE#03

Tgt Ion:168 Resp: 289068

Ion Ratio Lower Upper

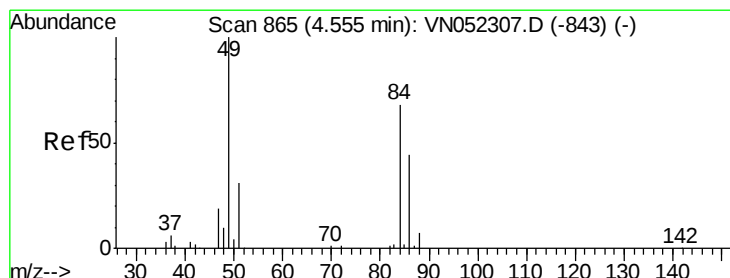
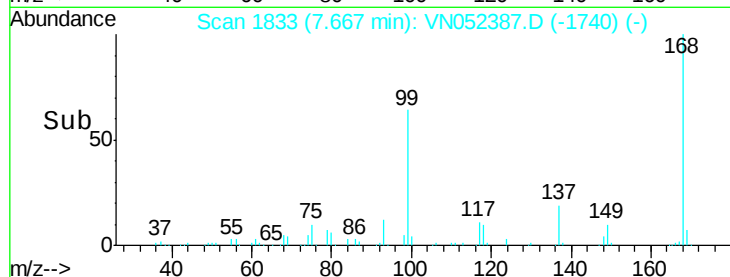
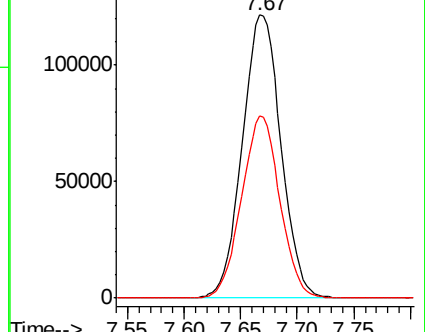
168 100

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



#20

Methylene Chloride

Concen: 1.21 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052387.D

Acq: 19 Nov 2018 16:13

Tgt Ion: 84 Resp: 6491

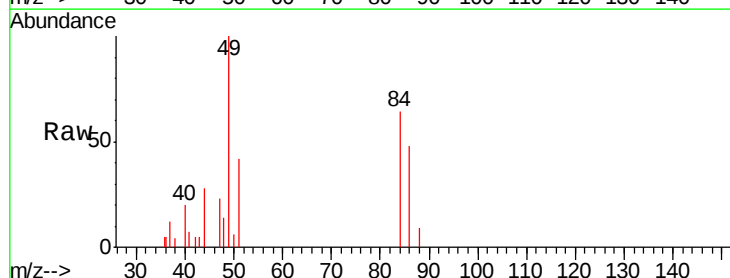
Ion Ratio Lower Upper

84 100

49 156.9 118.2 177.2

51 65.9 36.1 54.1#

86 74.8 51.6 77.4

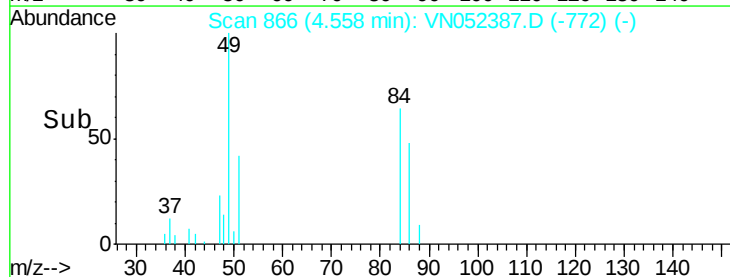
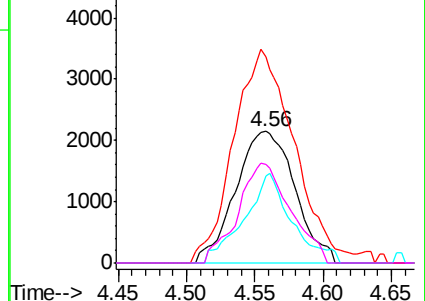


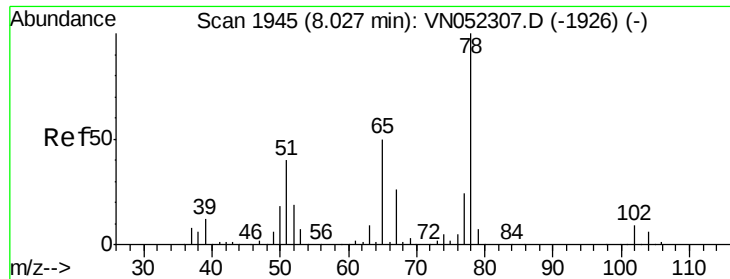
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

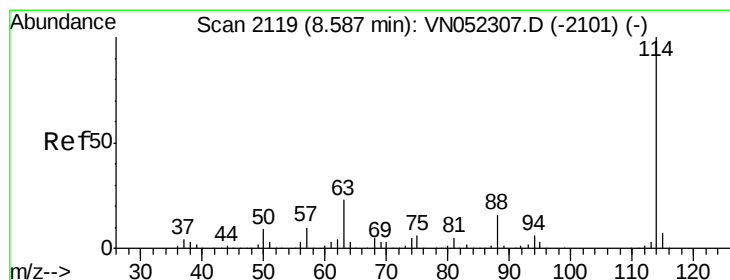
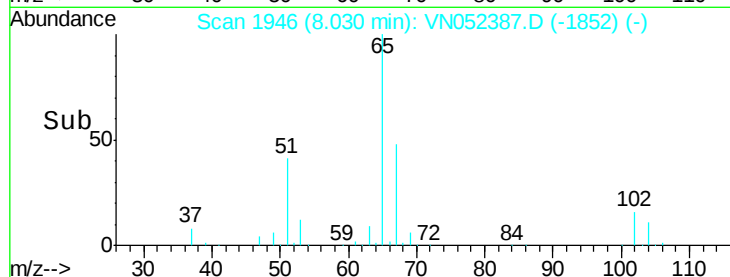
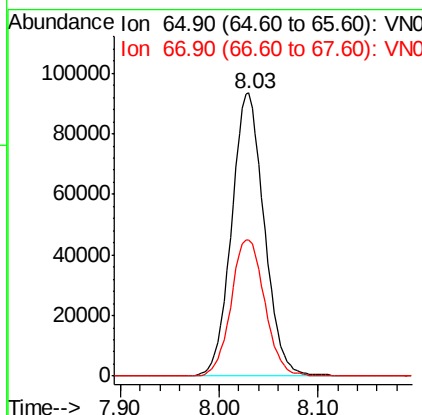
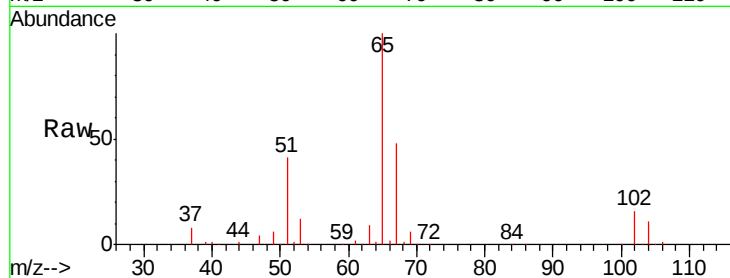




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052387.D
 Acq: 19 Nov 2018 16:13

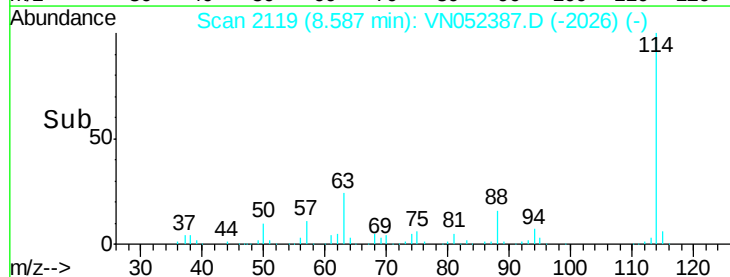
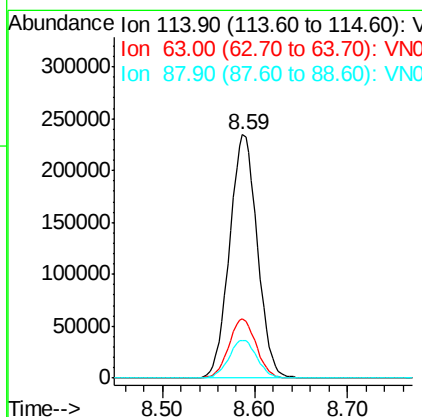
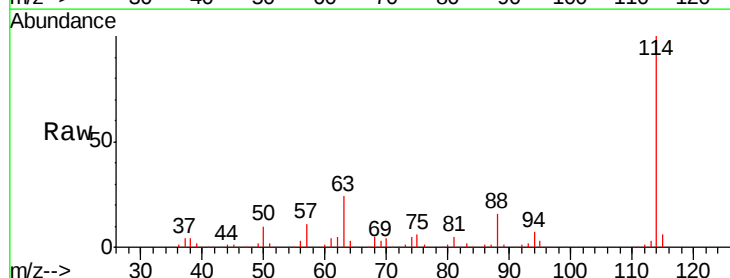
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#03

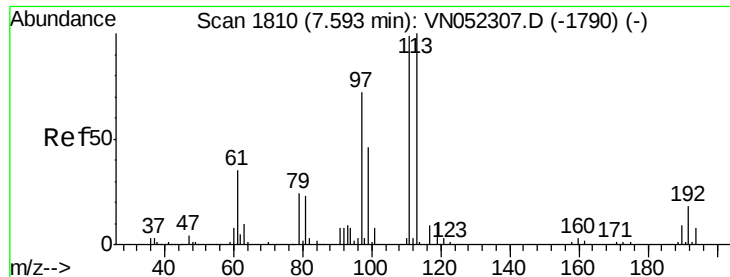
Tgt Ion: 65 Resp: 215035
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052387.D
 Acq: 19 Nov 2018 16:13

Tgt Ion: 114 Resp: 486825
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 45.4
 88 15.6 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: VN052387.D

Acq: 19 Nov 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

PB114846ZHE#03

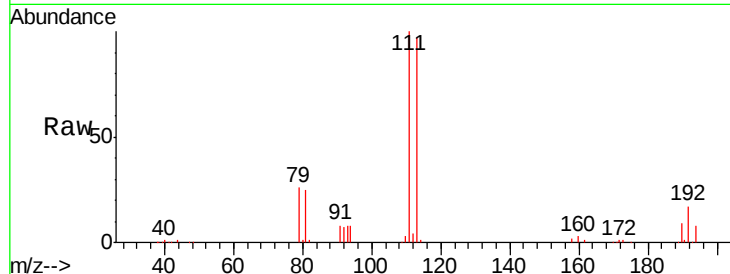
Tgt Ion:113 Resp: 160915

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.6

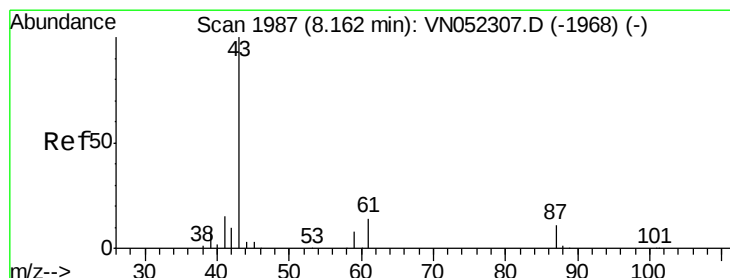
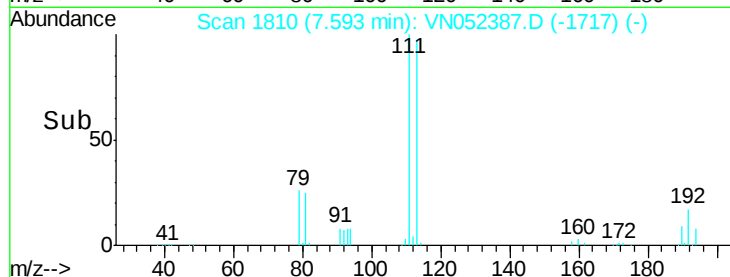
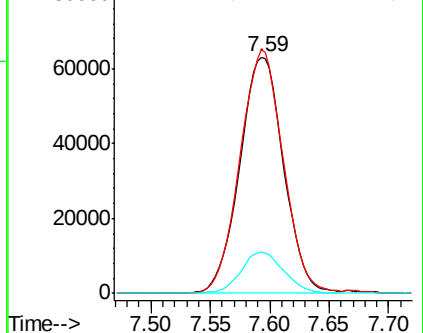
192 17.2 13.8 20.6



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: 2.39 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052387.D

Acq: 19 Nov 2018 16:13

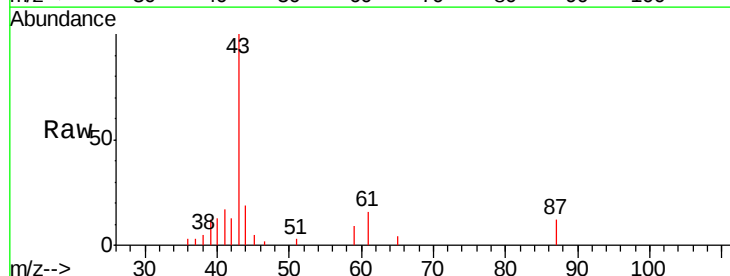
Tgt Ion: 43 Resp: 16349

Ion Ratio Lower Upper

43 100

61 12.9 12.0 18.0

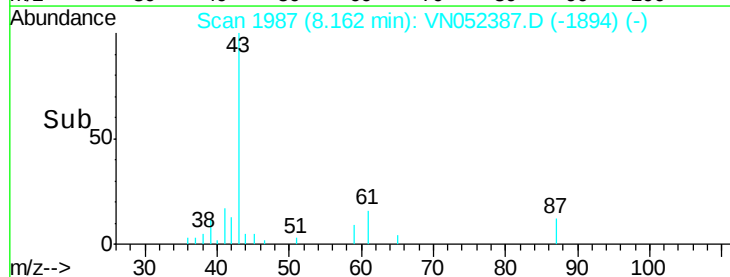
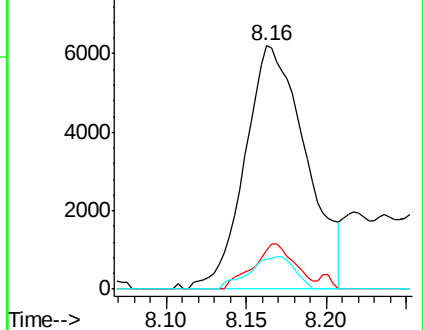
87 9.9 8.3 12.5

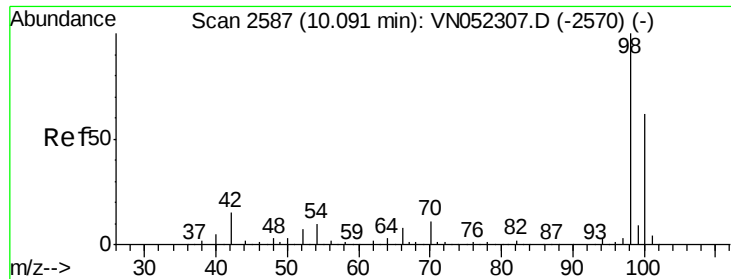


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052387.D

Acq: 19 Nov 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

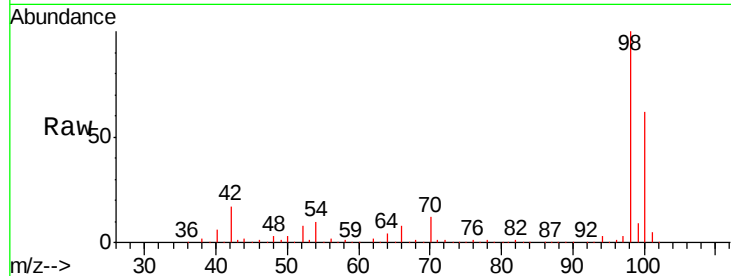
PB114846ZHE#03

Tgt Ion: 98 Resp: 619081

Ion Ratio Lower Upper

98 100

100 63.0 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

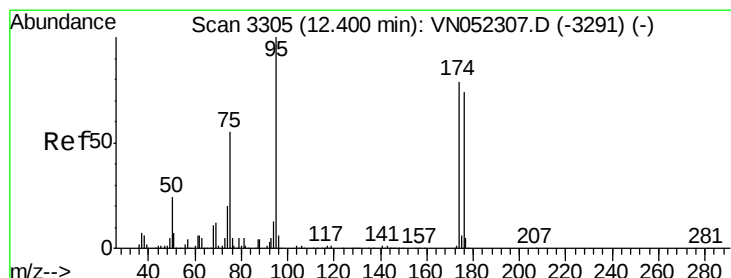
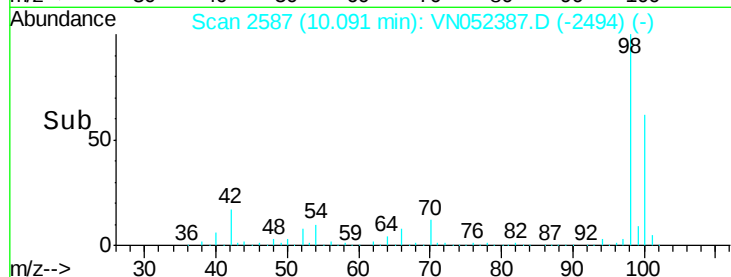
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052387.D

Acq: 19 Nov 2018 16:13

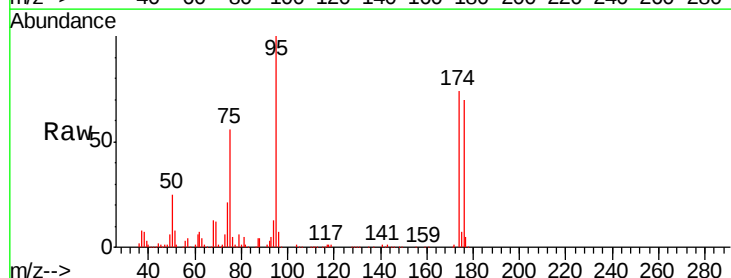
Tgt Ion: 95 Resp: 181907

Ion Ratio Lower Upper

95 100

174 75.3 0.0 156.0

176 72.9 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

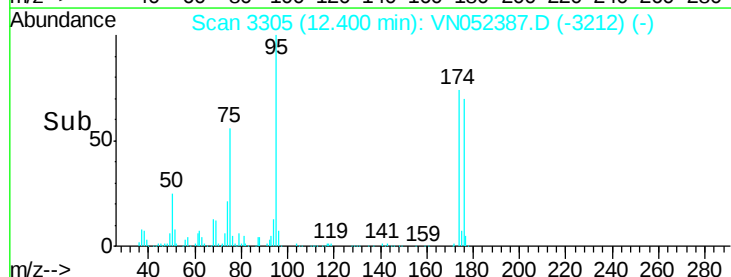
150000

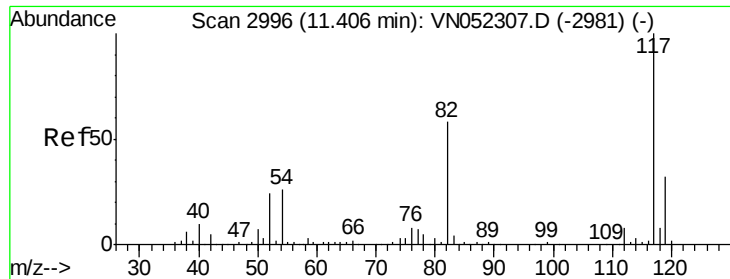
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052387.D

Acq: 19 Nov 2018 16:13

Instrument :

MSVOA_N

ClientSampleId :

PB114846ZHE#03

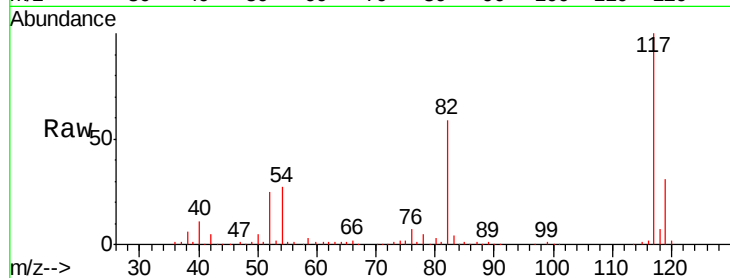
Tgt Ion:117 Resp: 422382

Ion Ratio Lower Upper

117 100

82 58.8 46.5 69.7

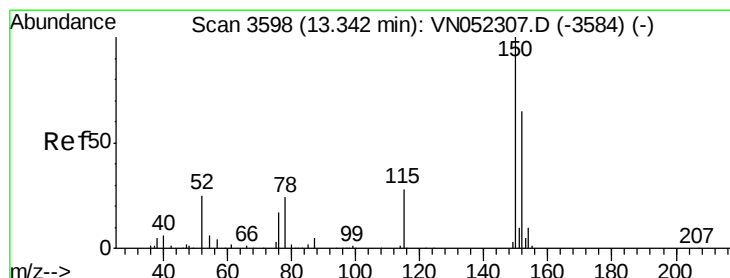
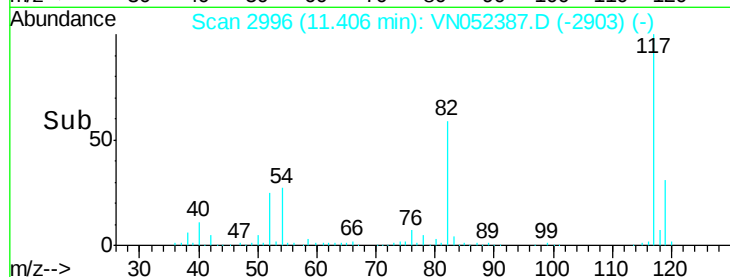
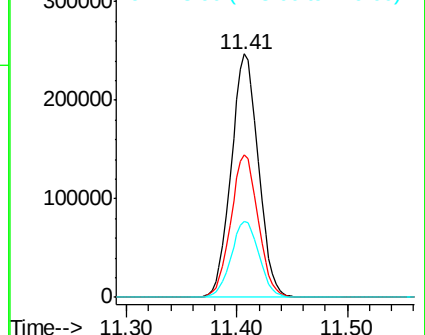
119 31.2 25.7 38.5



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052387.D

Acq: 19 Nov 2018 16:13

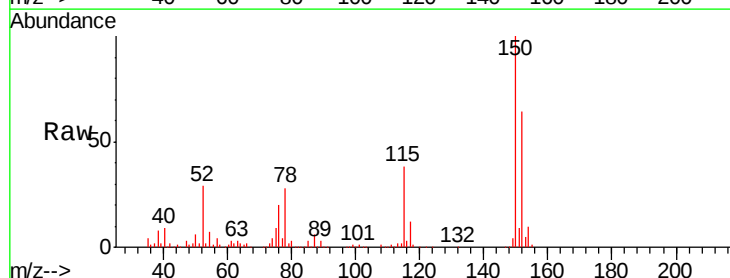
Tgt Ion:152 Resp: 144939

Ion Ratio Lower Upper

152 100

115 60.8 30.3 91.0

150 158.6 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

