

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052392.D
 Acq On : 19 Nov 2018 18:27
 Operator : MD\SY
 Sample : PB114846ZHE#08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#08

Quant Time: Nov 20 07:53:17 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	290662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	491630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	420244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142650	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	216214	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.59	113	162396	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.09	98	624391	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	182448	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

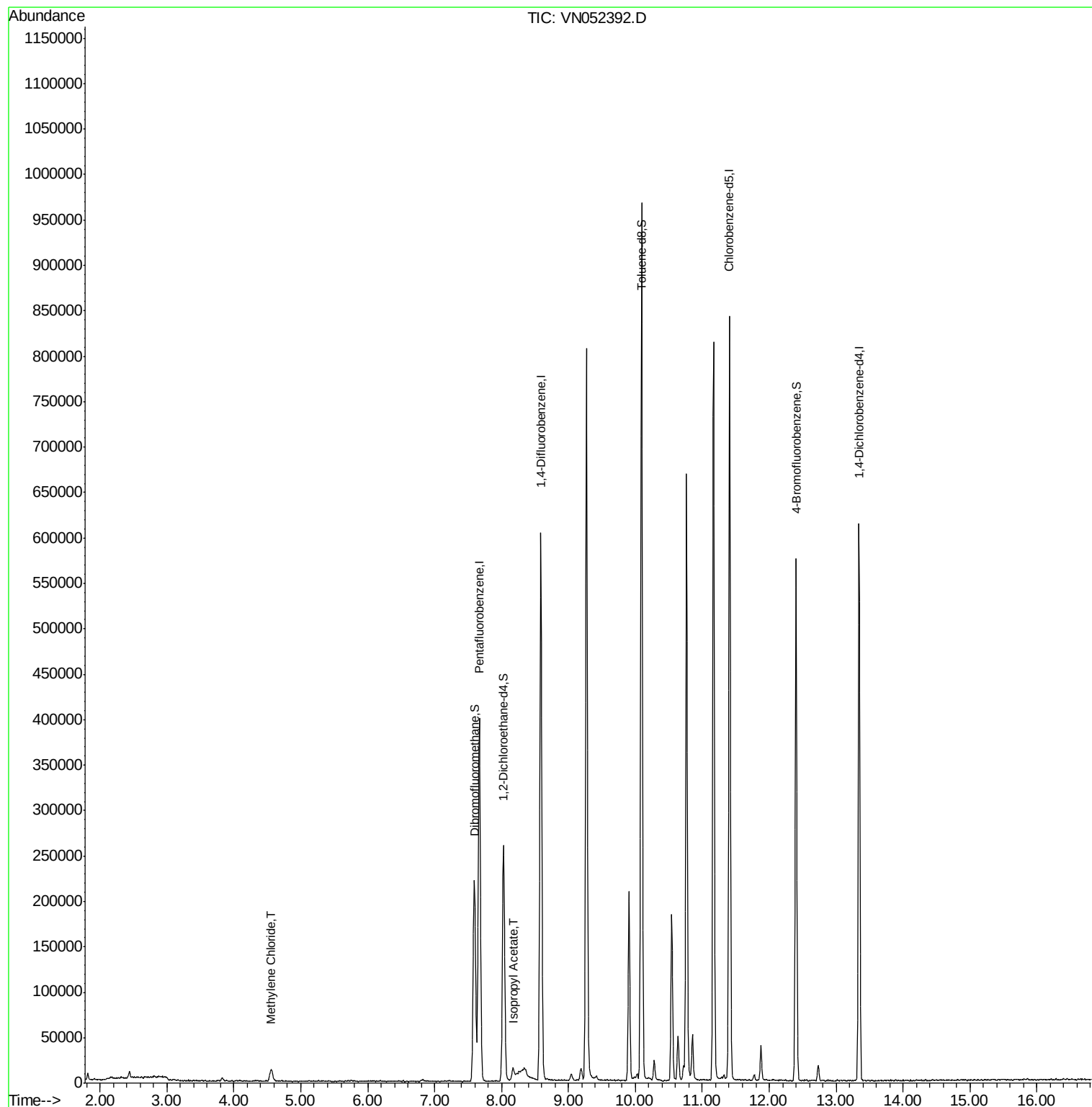
Target Compounds						Qvalue
20) Methylene Chloride	4.56	84	7858	1.61	ug/l	95
43) Isopropyl Acetate	8.18	43	20252	2.93	ug/l	# 95

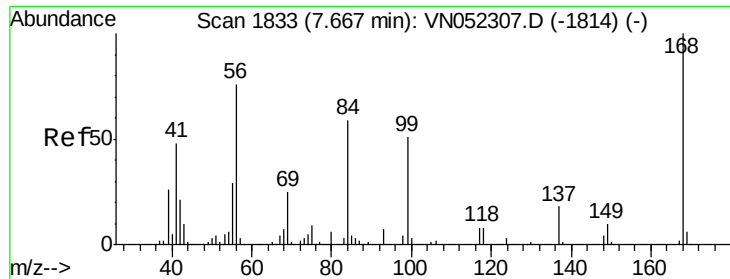
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052392.D

Acq: 19 Nov 2018 18:27

Instrument :

MSVOA_N

ClientSampleId :

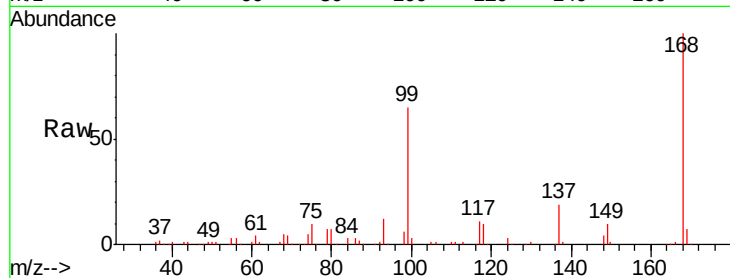
PB114846ZHE#08

Tgt Ion:168 Resp: 290662

Ion Ratio Lower Upper

168 100

99 65.1 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

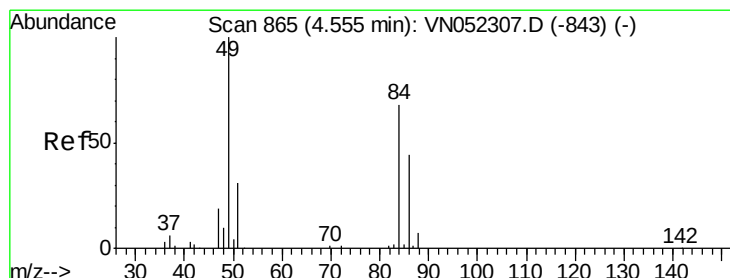
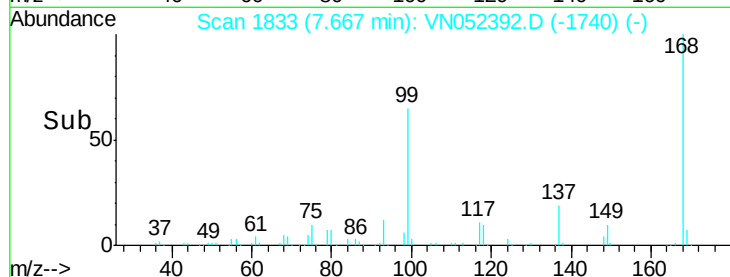
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1.61 ug/l

RT: 4.56 min Scan# 868

Delta R.T. 0.01 min

Lab File: VN052392.D

Acq: 19 Nov 2018 18:27

Tgt Ion: 84 Resp: 7858

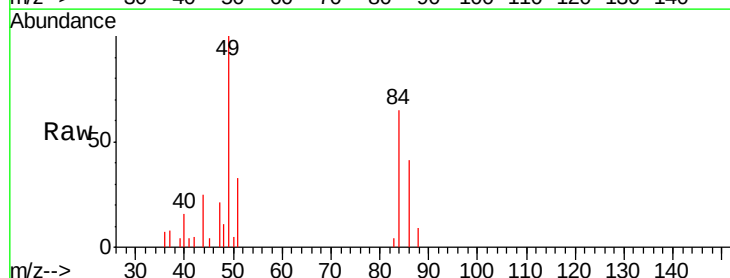
Ion Ratio Lower Upper

84 100

49 154.0 118.2 177.2

51 51.4 36.1 54.1

86 63.2 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

4.56

6000

5000

4000

3000

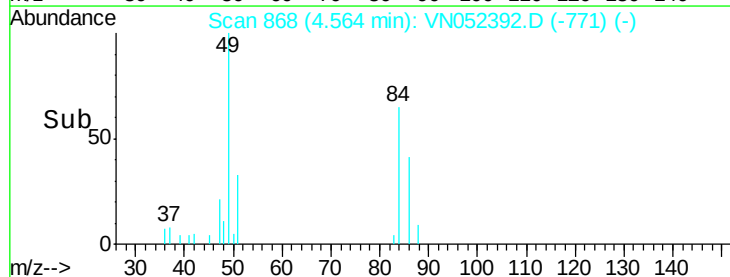
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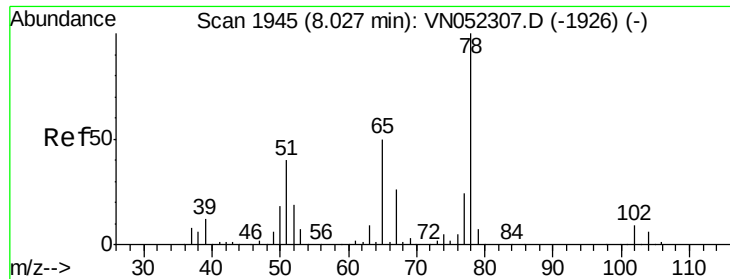
1000

0

Time-->

4.45 4.50 4.55 4.60 4.65

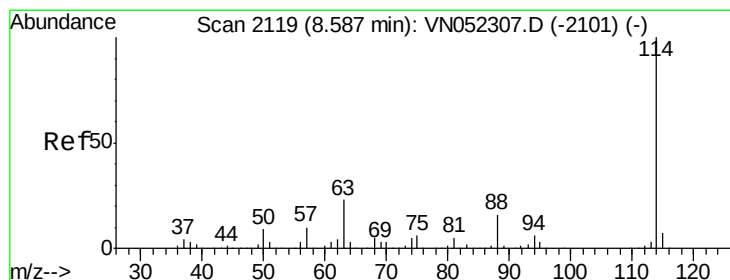
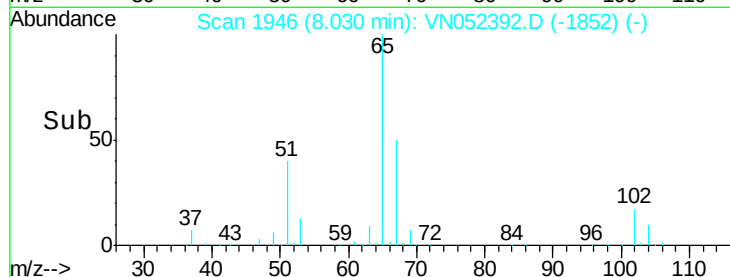
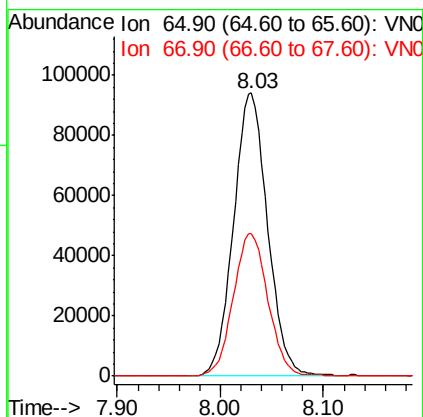
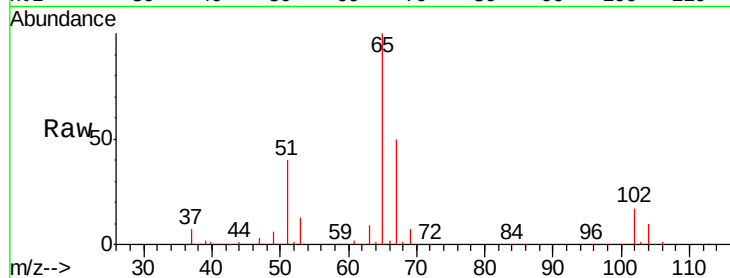




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052392.D
 Acq: 19 Nov 2018 18:27

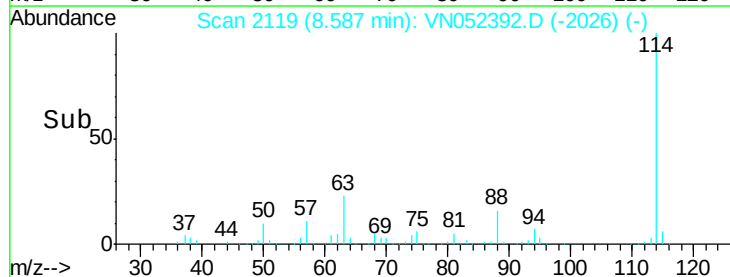
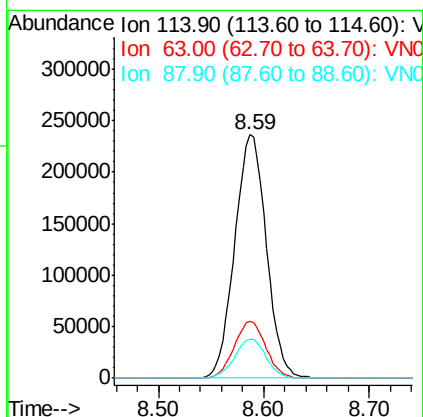
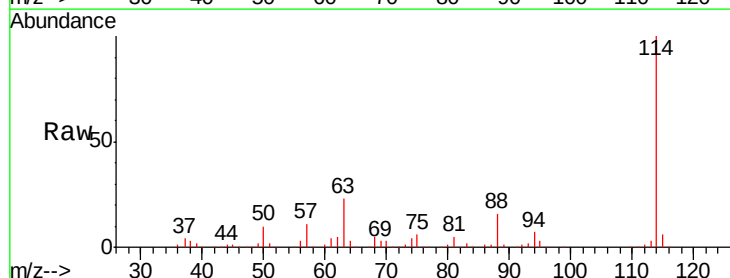
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#08

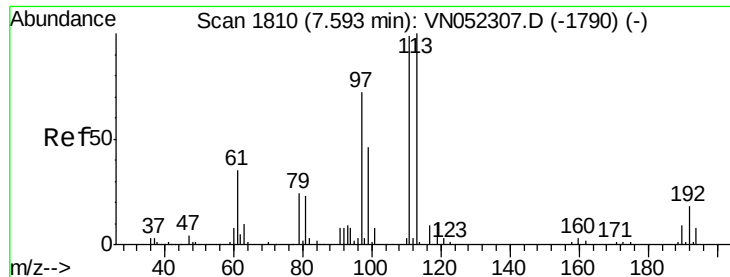
Tgt Ion: 65 Resp: 216214
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052392.D
 Acq: 19 Nov 2018 18:27

Tgt Ion: 114 Resp: 491630
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.4
 88 16.1 0.0 31.2

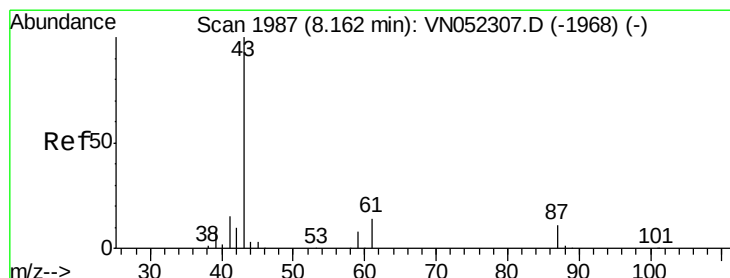
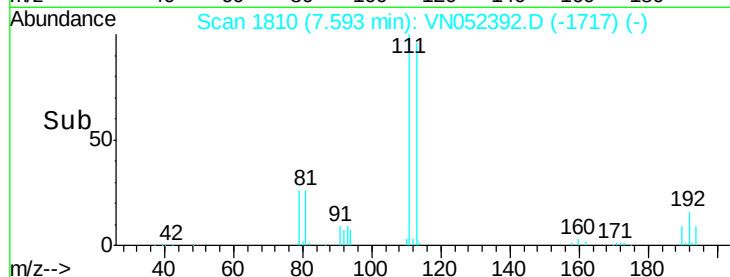
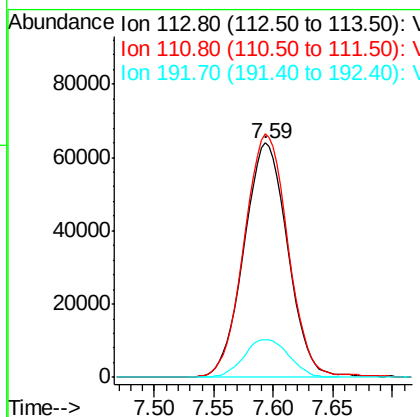
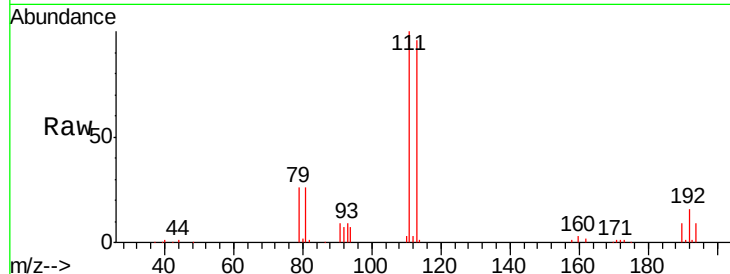




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052392.D
 Acq: 19 Nov 2018 18:27

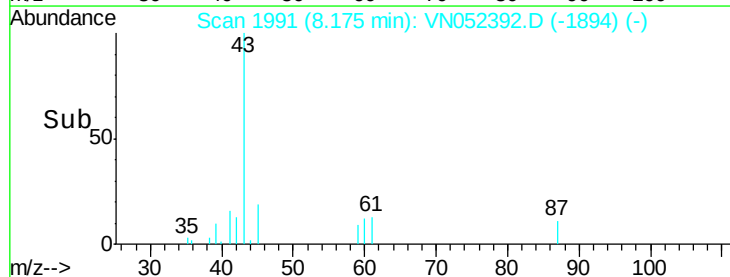
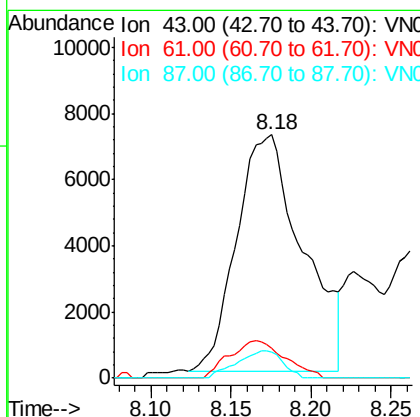
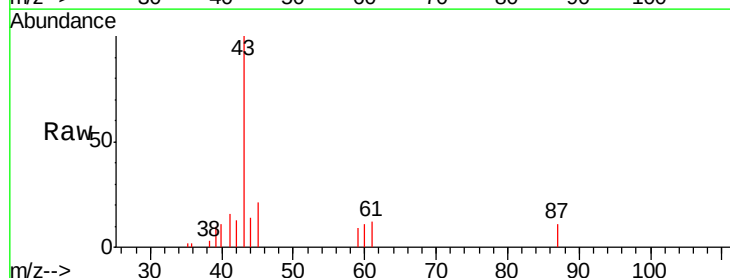
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#08

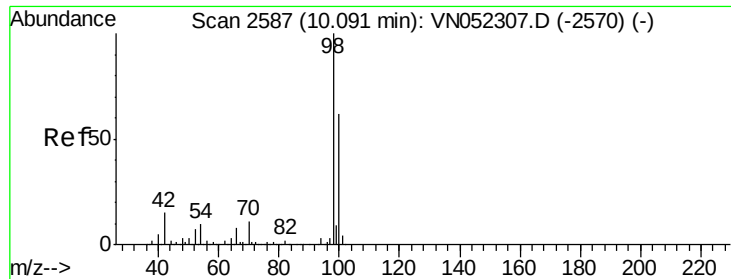
Tgt Ion: 113 Resp: 162396
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.0 121.6
 192 16.8 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 2.93 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN052392.D
 Acq: 19 Nov 2018 18:27

Tgt Ion: 43 Resp: 20252
 Ion Ratio Lower Upper
 43 100
 61 13.1 12.0 18.0
 87 7.9 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: VN052392.D

Acq: 19 Nov 2018 18:27

Instrument :

MSVOA_N

ClientSampleId :

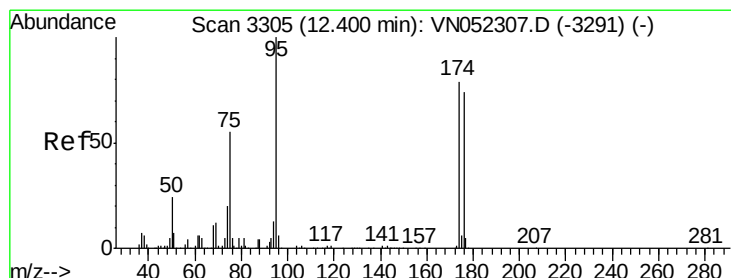
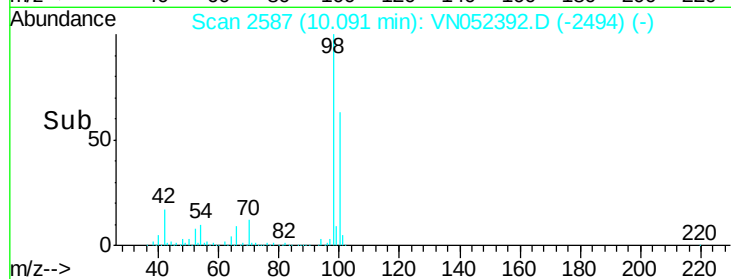
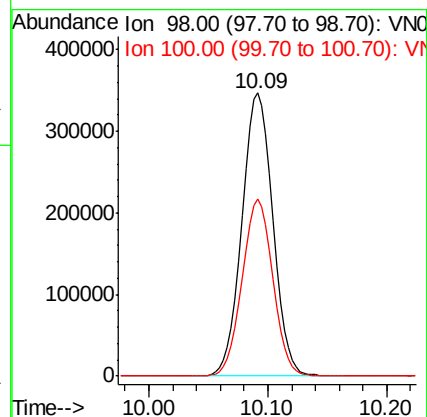
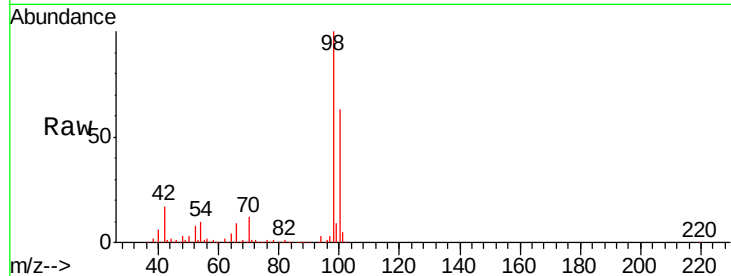
PB114846ZHE#08

Tgt Ion: 98 Resp: 624391

Ion Ratio Lower Upper

98 100

100 62.1 49.5 74.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052392.D

Acq: 19 Nov 2018 18:27

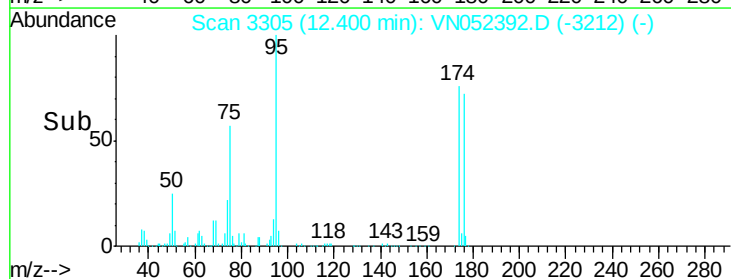
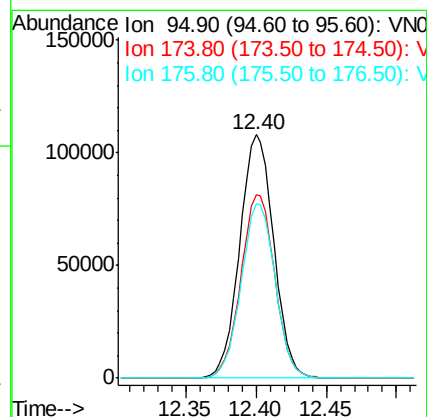
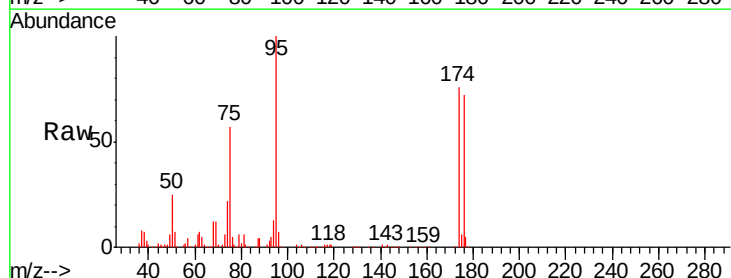
Tgt Ion: 95 Resp: 182448

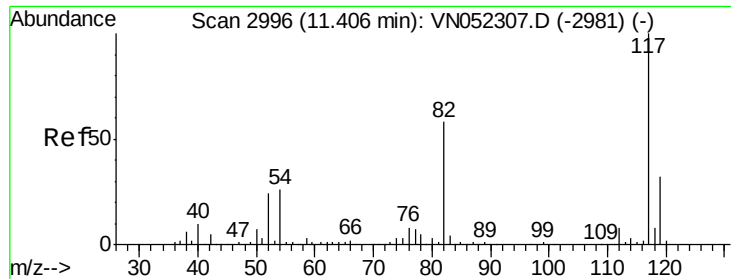
Ion Ratio Lower Upper

95 100

174 75.1 0.0 156.0

176 71.7 0.0 148.4

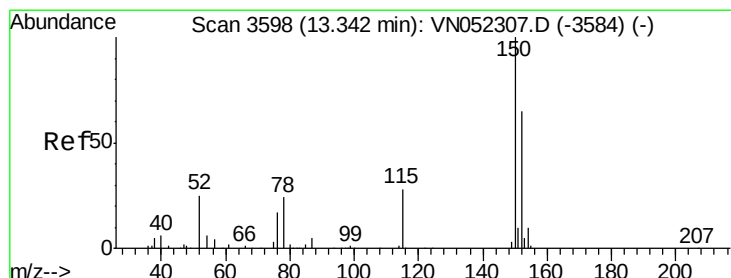
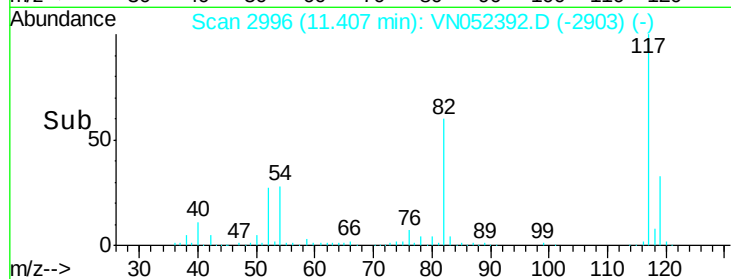
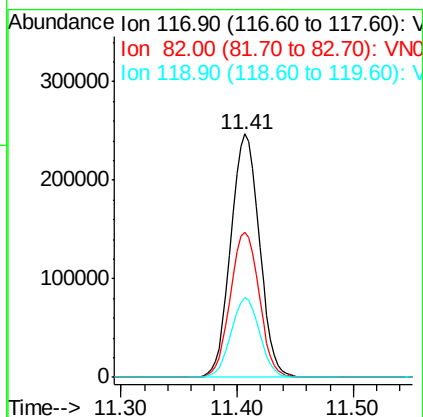
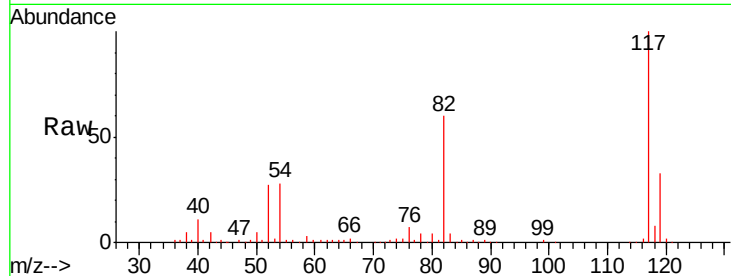




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN052392.D
 Acq: 19 Nov 2018 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114846ZHE#08

Tgt Ion:117 Resp: 420244
 Ion Ratio Lower Upper
 117 100
 82 59.7 46.5 69.7
 119 32.6 25.7 38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN052392.D
 Acq: 19 Nov 2018 18:27

Tgt Ion:152 Resp: 142650
 Ion Ratio Lower Upper
 152 100
 115 61.4 30.3 91.0
 150 158.9 0.0 348.2

