

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052301.D
 Acq On : 13 Nov 2018 21:44
 Operator : MD\SY
 Sample : PB114744ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#14

Quant Time: Nov 14 02:55:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

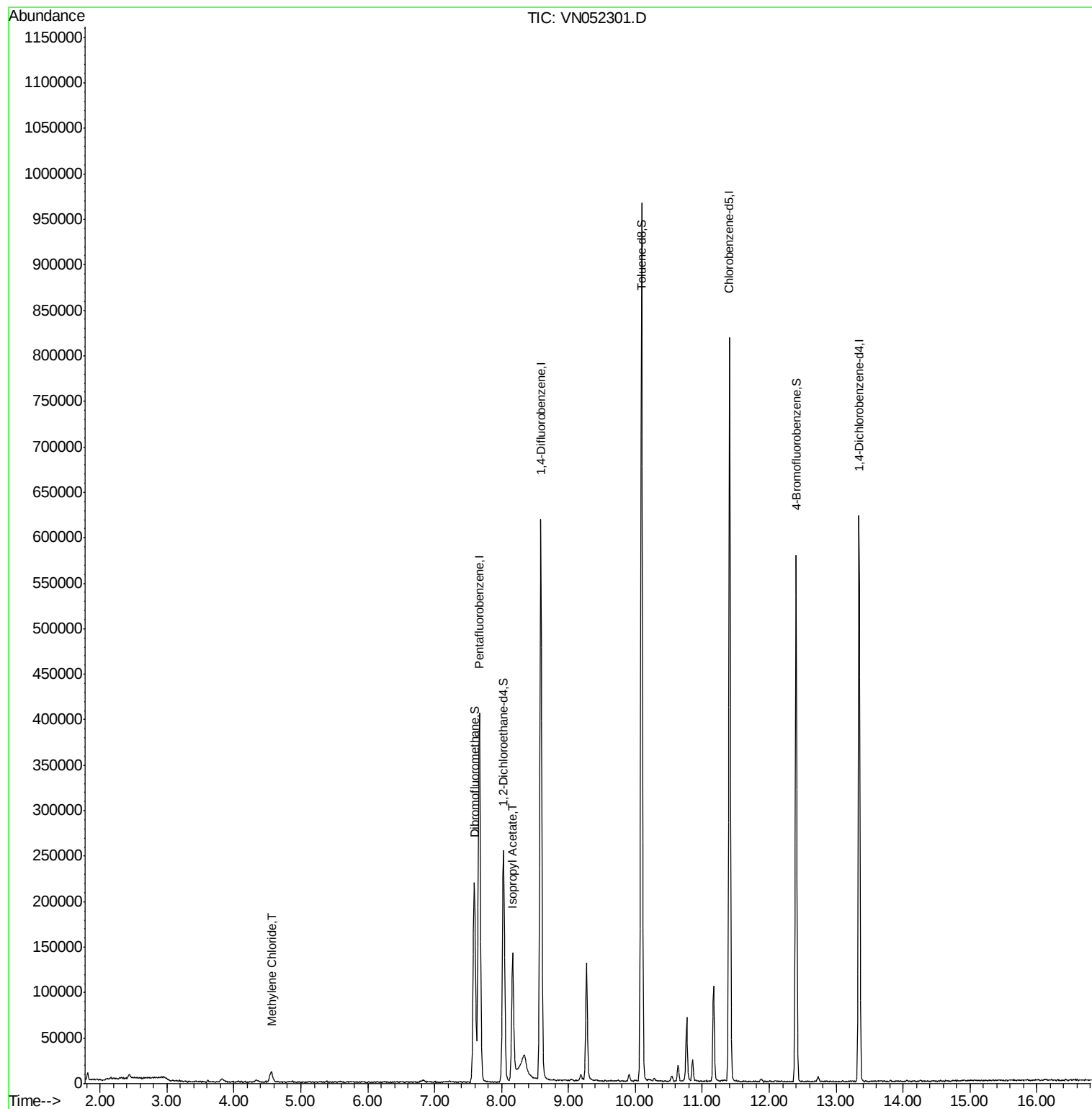
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	301193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	516557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	433690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	210805	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	7.59	113	161694	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	633283	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	185661	43.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.68%	
Target Compounds						
20) Methylene Chloride	4.56	84	7619	2.029	ug/l #	84
43) Isopropyl Acetate	8.17	43	176441	25.813	ug/l	96

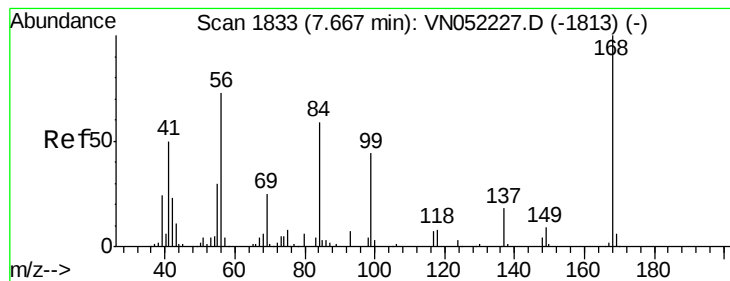
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052301.D

Acq: 13 Nov 2018 21:44

Instrument :

MSVOA_N

ClientSampleId :

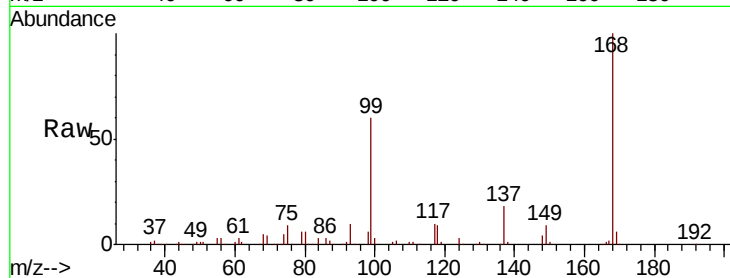
PB114744ZHE#14

Tot Ion:168 Resp: 301193

Ion Ratio Lower Upper

168 100

99 60.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

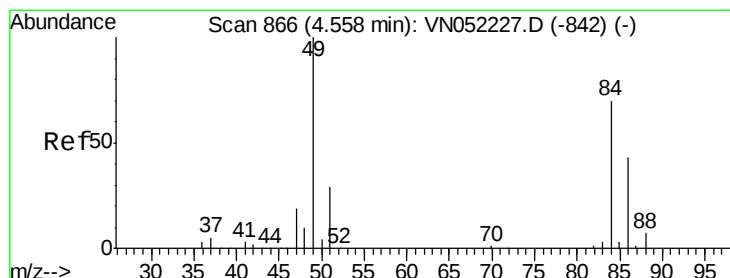
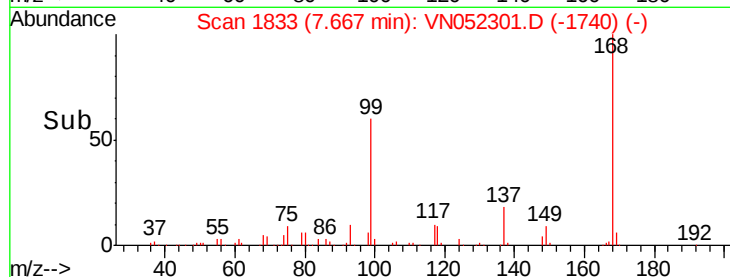
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.029 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.00 min

Lab File: VN052301.D

Acq: 13 Nov 2018 21:44

Tgt Ion: 84 Resp: 7619

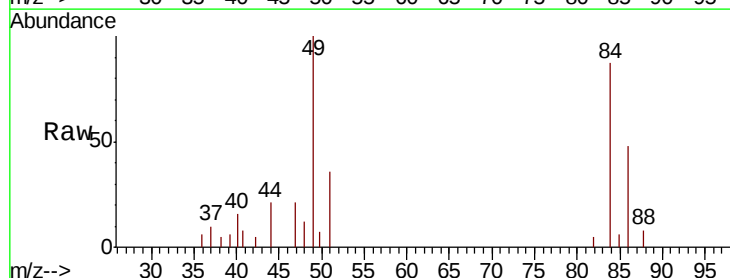
Ion Ratio Lower Upper

84 100

49 114.4 114.8 172.2#

51 41.1 33.1 49.7

86 55.3 49.7 74.5



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

5000

4000

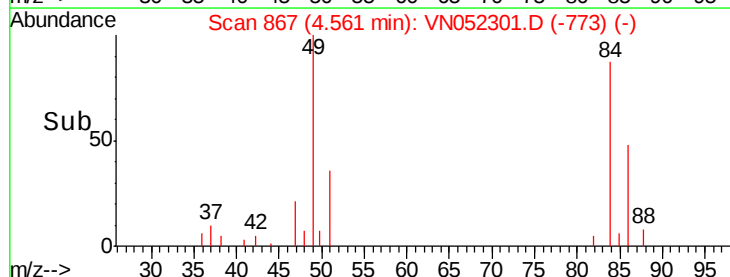
3000

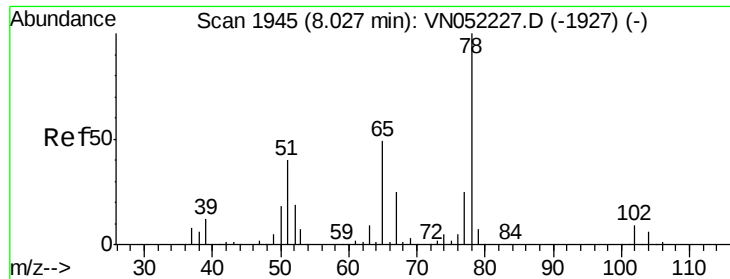
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1000

0

Time-->

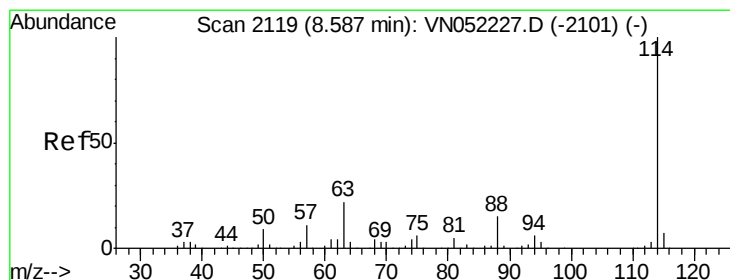
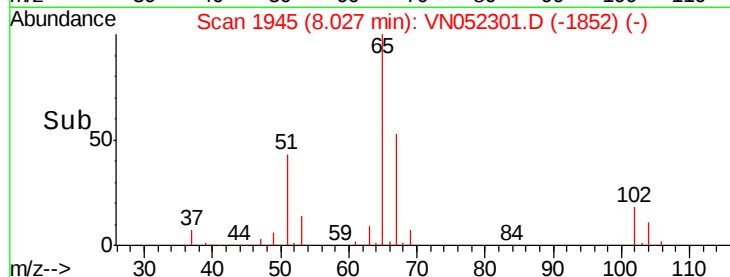
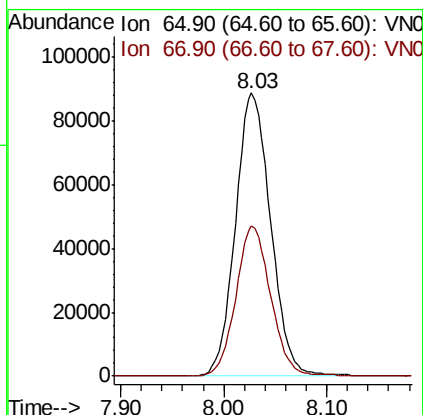
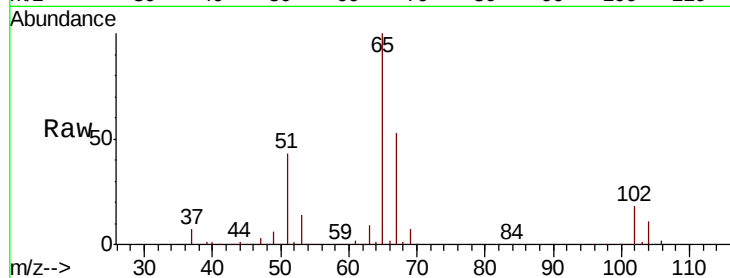




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052301.D
 Acq: 13 Nov 2018 21:44

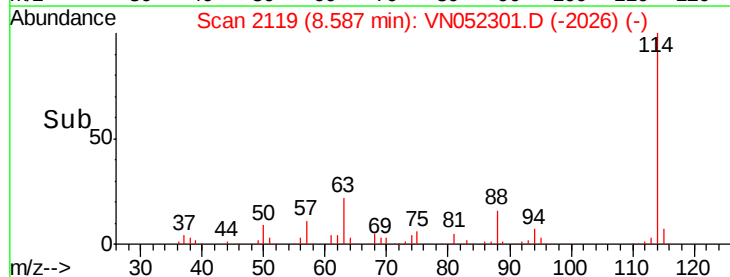
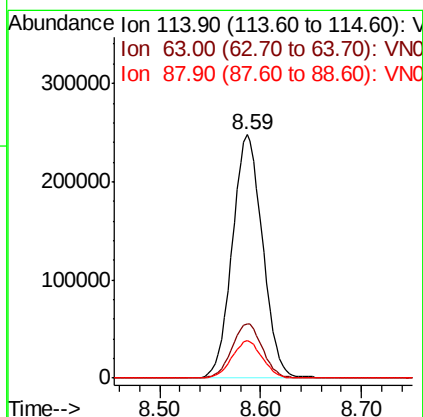
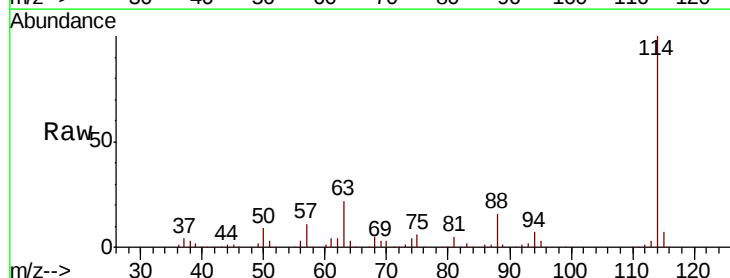
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#14

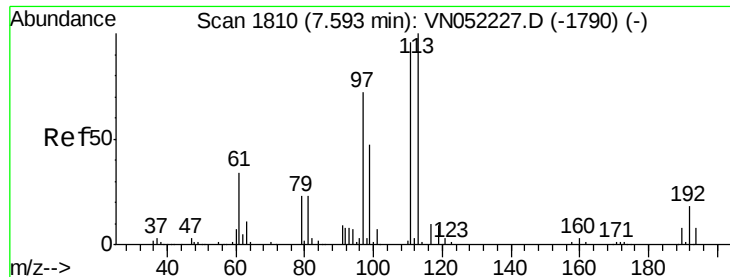
Tot Ion: 65 Resp: 210805
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052301.D
 Acq: 13 Nov 2018 21:44

Tgt Ion: 114 Resp: 516557
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 15.6 0.0 30.2

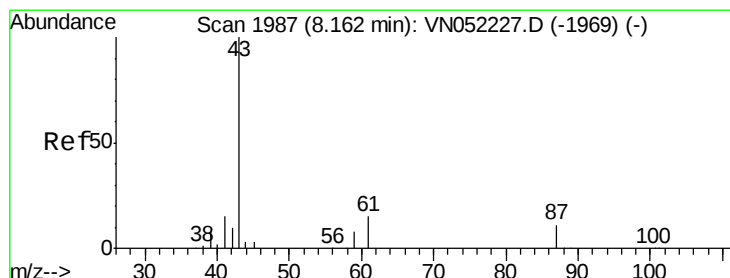
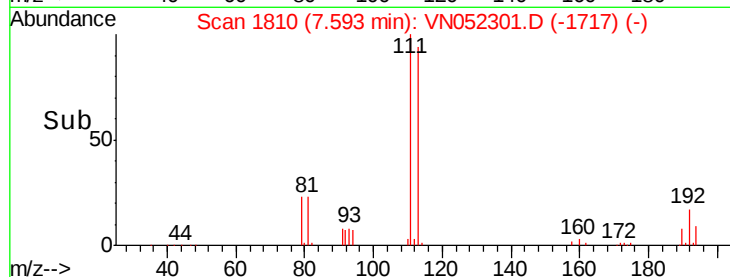
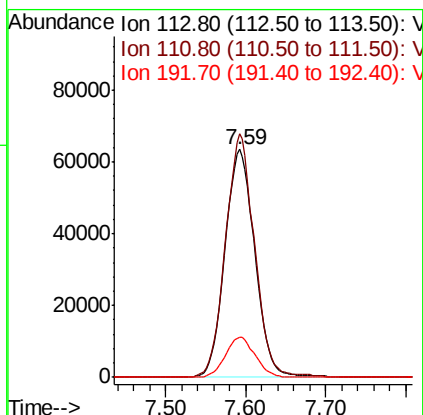
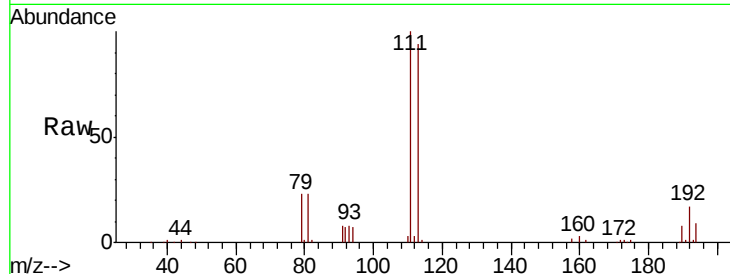




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052301.D
 Acq: 13 Nov 2018 21:44

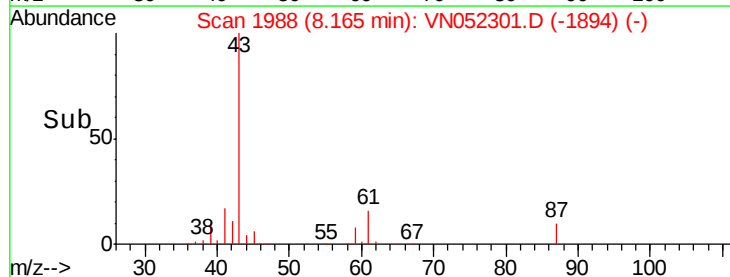
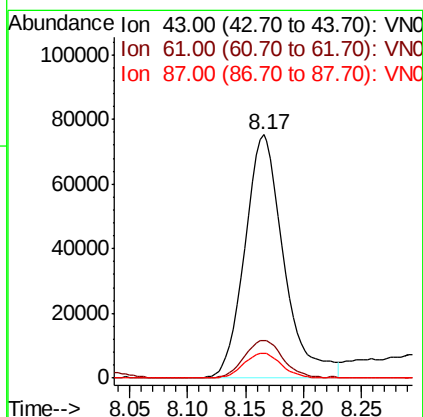
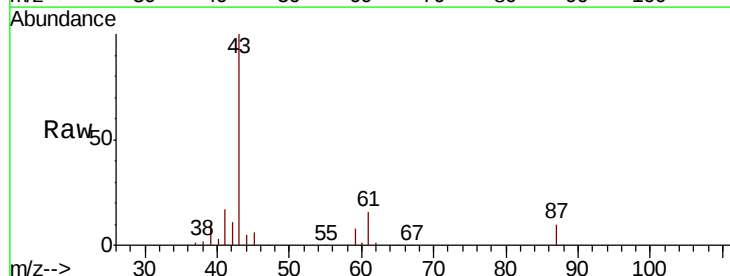
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#14

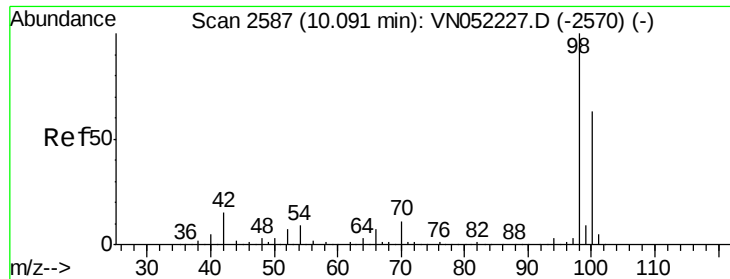
Tot Ion:113 Resp: 161694
 Ion Ratio Lower Upper
 113 100
 111 103.8 80.2 120.4
 192 17.5 14.1 21.1



#43
 Isopropyl Acetate
 Concen: 25.813 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052301.D
 Acq: 13 Nov 2018 21:44

Tgt Ion: 43 Resp: 176441
 Ion Ratio Lower Upper
 43 100
 61 15.4 14.2 21.4
 87 10.1 8.4 12.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052301.D

Acq: 13 Nov 2018 21:44

Instrument :

MSVOA_N

ClientSampleId :

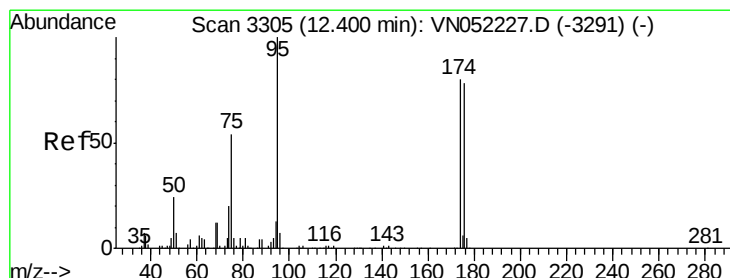
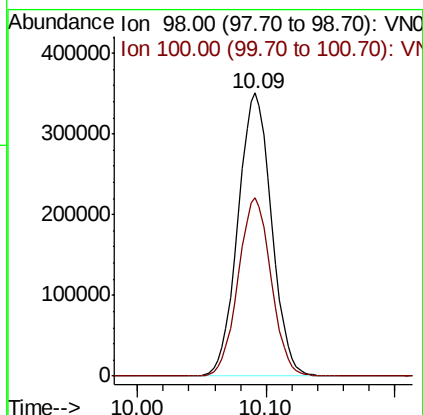
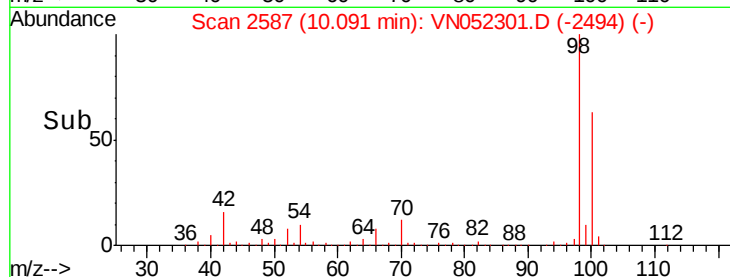
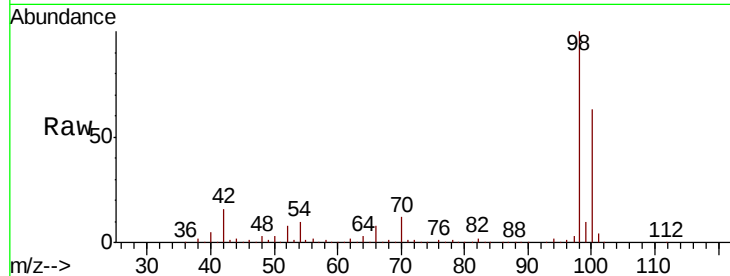
PB114744ZHE#14

Tot Ion: 98 Resp: 633283

Ion Ratio Lower Upper

98 100

100 62.2 50.2 75.2



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052301.D

Acq: 13 Nov 2018 21:44

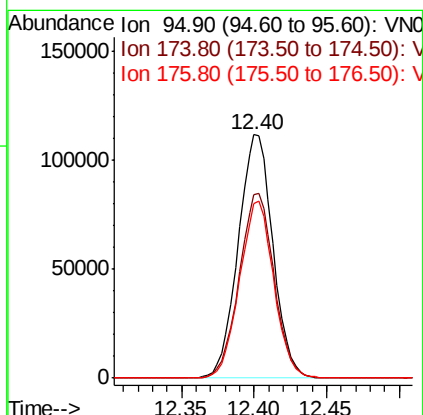
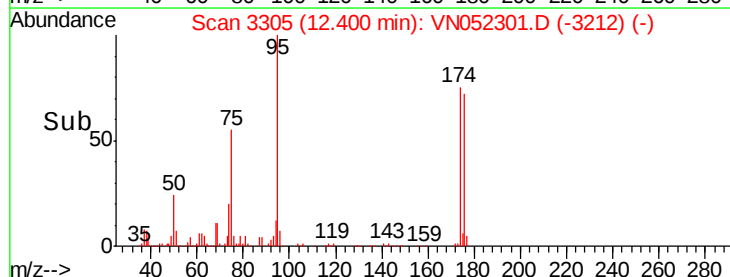
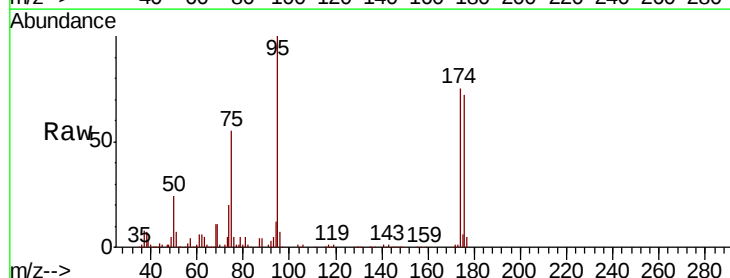
Tgt Ion: 95 Resp: 185661

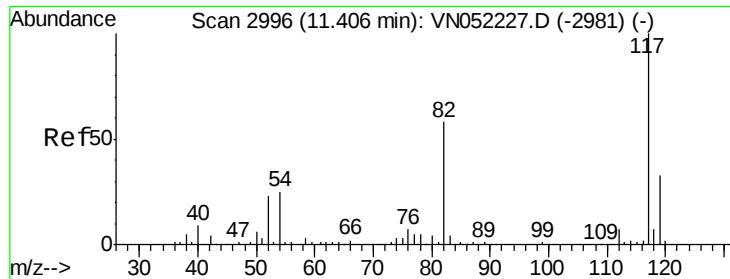
Ion Ratio Lower Upper

95 100

174 76.2 0.0 159.4

176 72.0 0.0 157.8

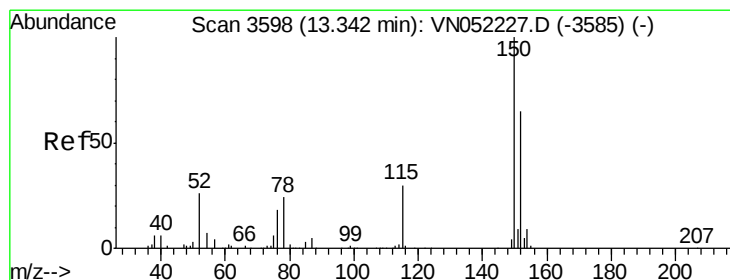
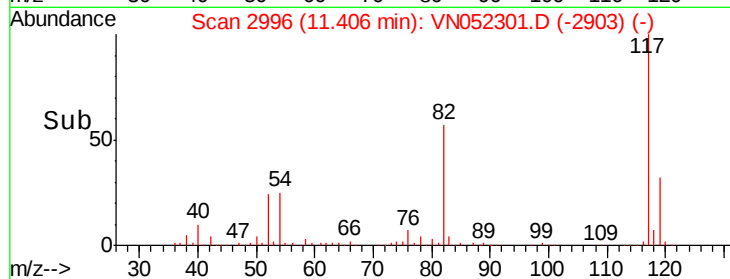
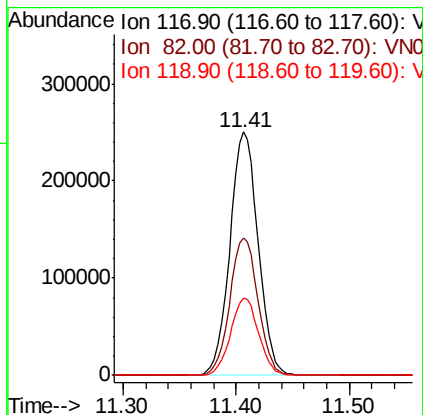
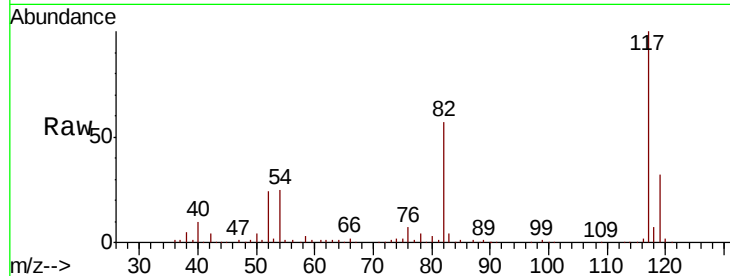




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052301.D
Acq: 13 Nov 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
PB114744ZHE#14

Tot Ion:117 Resp: 433690
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.2
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052301.D
Acq: 13 Nov 2018 21:44

Tgt Ion:152 Resp: 150190
Ion Ratio Lower Upper
152 100
115 60.2 29.8 89.5
150 157.3 0.0 350.2

