

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110618\
 Data File : VN052188.D
 Acq On : 6 Nov 2018 13:28
 Operator : MD\SY
 Sample : J5826-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Quant Time: Nov 06 16:36:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

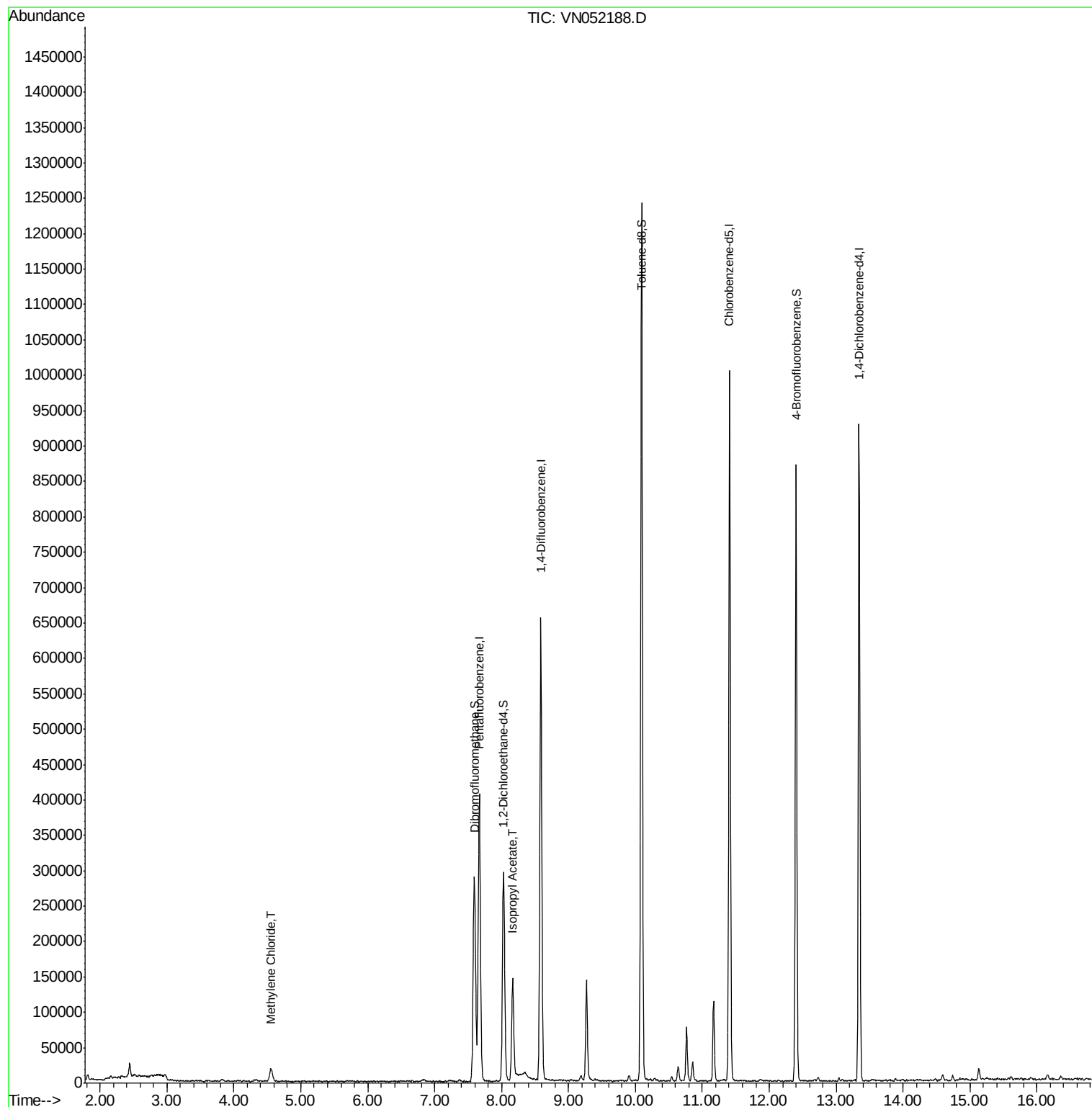
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	311610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	571375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	238254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	243333	65.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.72%	
35) Dibromofluoromethane	7.59	113	218676	61.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.28%	
50) Toluene-d8	10.09	98	853975	62.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.52%	
62) 4-Bromofluorobenzene	12.40	95	295589	65.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.30%	
Target Compounds						
20) Methylene Chloride	4.55	84	12423	3.571	ug/l #	87
43) Isopropyl Acetate	8.17	43	174868	30.321	ug/l	99

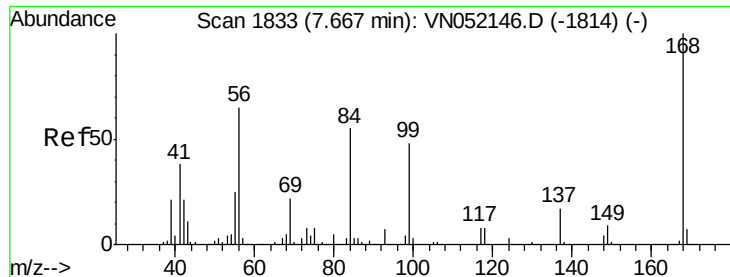
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052188.D

Acq: 6 Nov 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

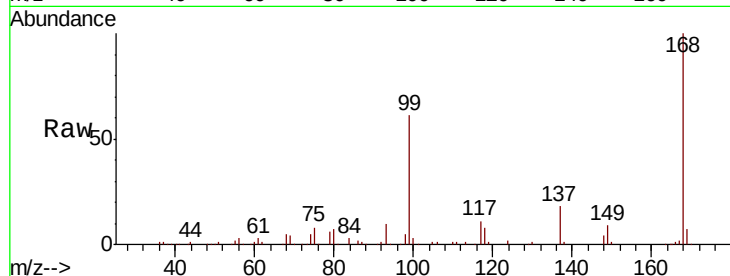
SB-1

Tot Ion:168 Resp: 311610

Ion Ratio Lower Upper

168 100

99 61.1 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052146.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052146.D (-1814) (-)

7.67

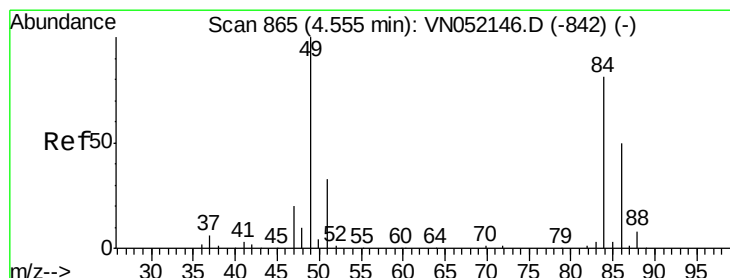
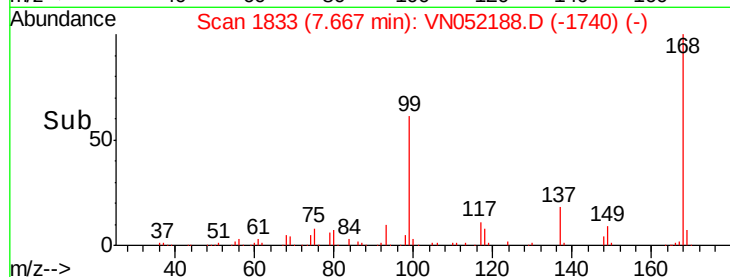
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 3.571 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.01 min

Lab File: VN052188.D

Acq: 6 Nov 2018 13:28

Tgt Ion: 84 Resp: 12423

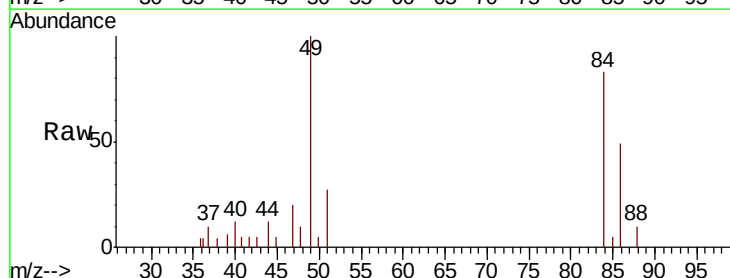
Ion Ratio Lower Upper

84 100

49 120.0 110.6 165.8

51 32.4 33.7 50.5#

86 58.6 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VN052146.D (-842) (-)

Ion 48.90 (48.60 to 49.60): VN052146.D (-842) (-)

Ion 50.90 (50.60 to 51.60): VN052146.D (-842) (-)

Ion 85.90 (85.60 to 86.60): VN052146.D (-842) (-)

4.55

8000

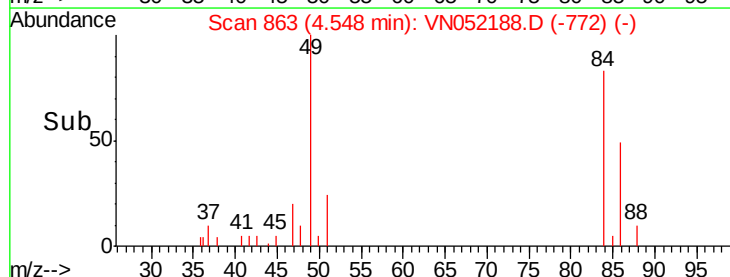
6000

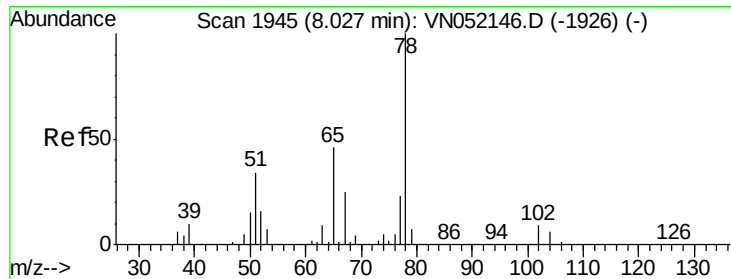
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65

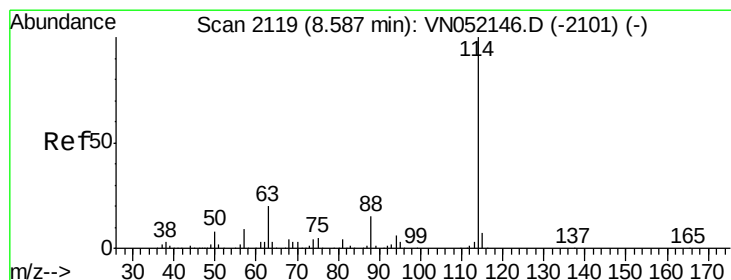
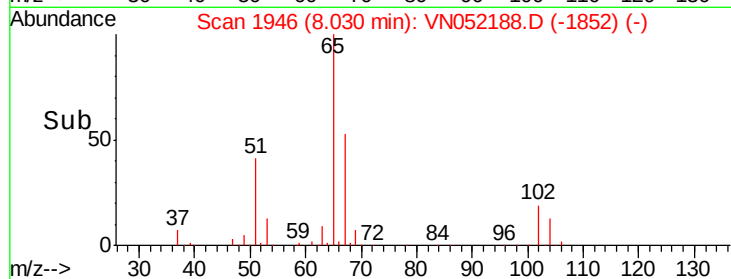
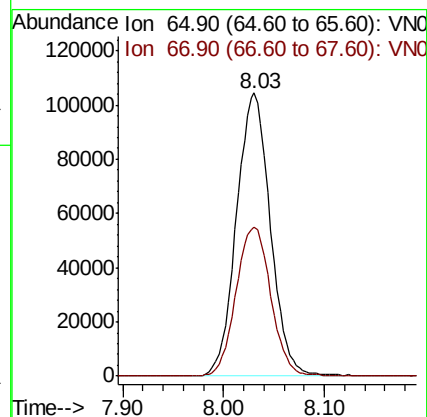
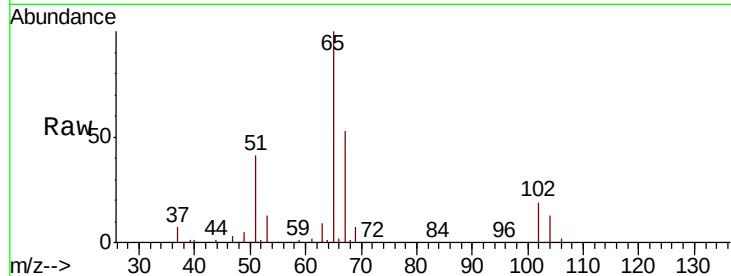




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052188.D
 Acq: 6 Nov 2018 13:28

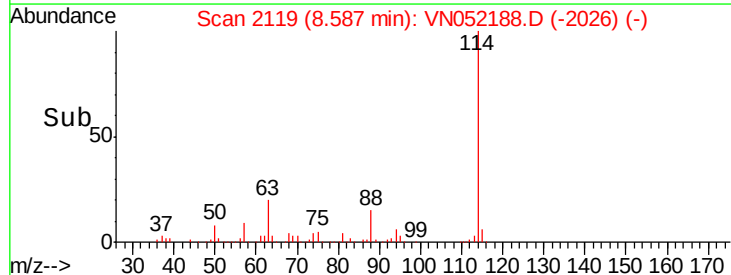
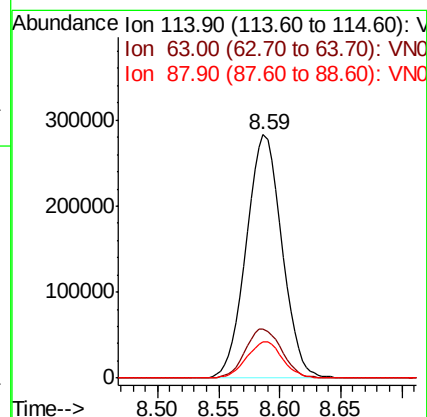
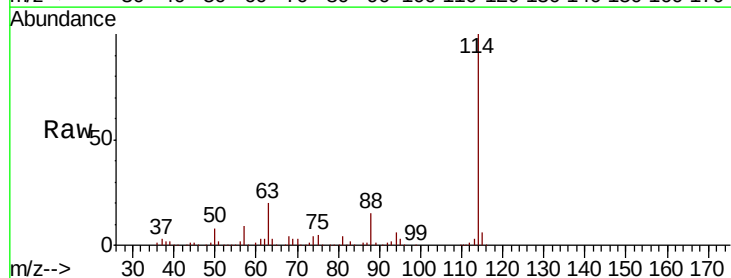
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

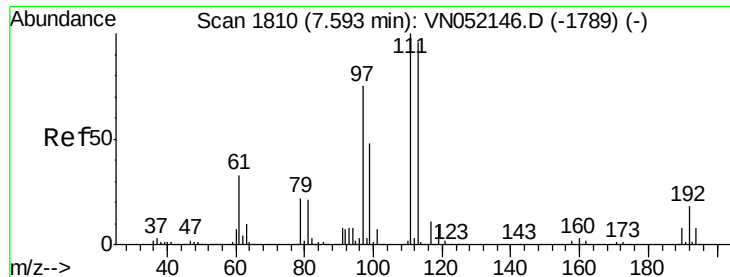
Tot Ion: 65 Resp: 243333
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052188.D
 Acq: 6 Nov 2018 13:28

Tgt Ion: 114 Resp: 571375
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 46.0
 88 15.1 0.0 35.4

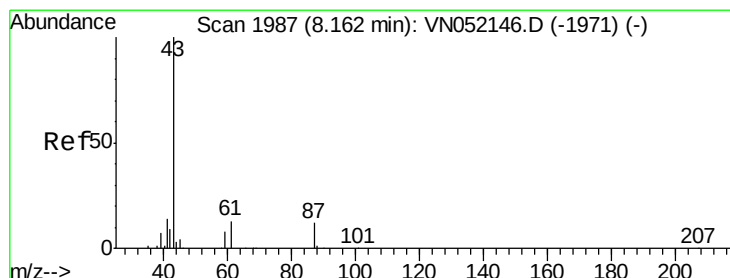
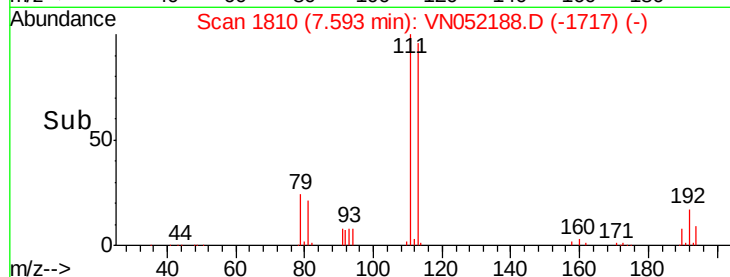
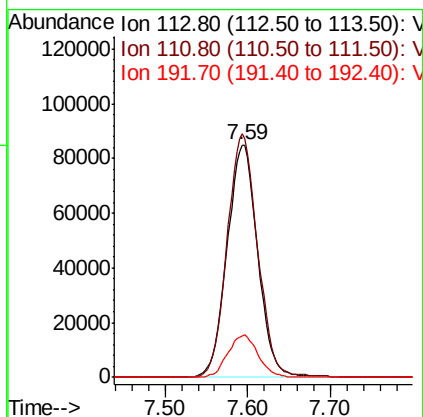
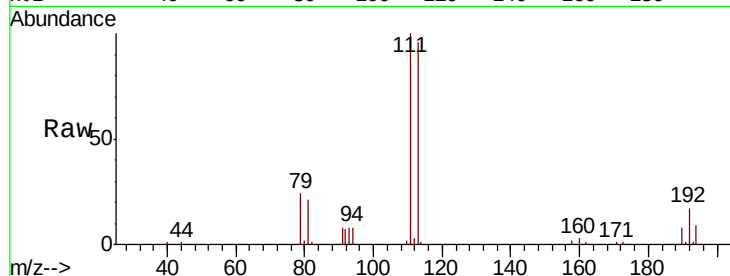




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052188.D
 Acq: 6 Nov 2018 13:28

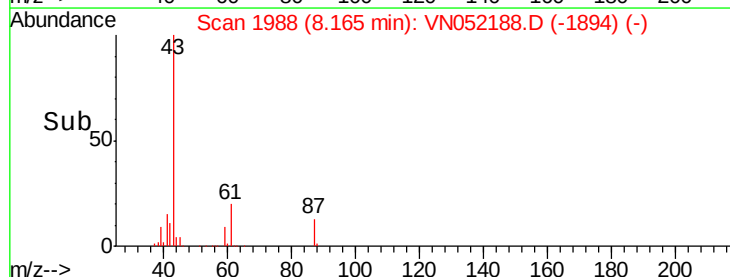
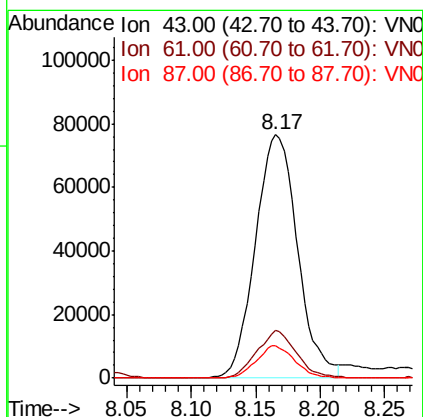
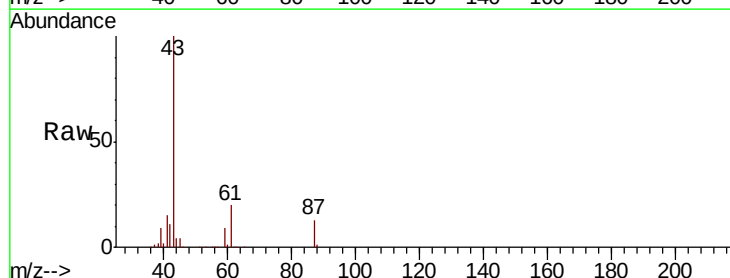
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

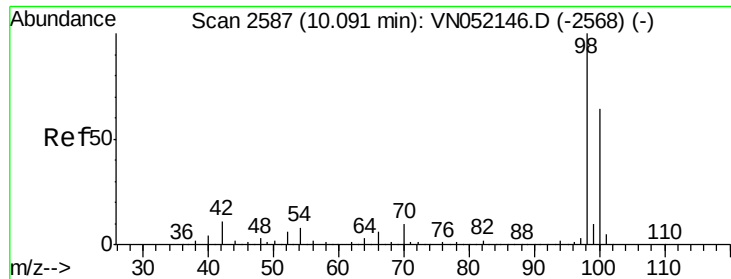
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	17.9	12.7	19.1



#43
 Isopropyl Acetate
 Concen: 30.321 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052188.D
 Acq: 6 Nov 2018 13:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.4	23.0
87	12.2	9.8	14.8

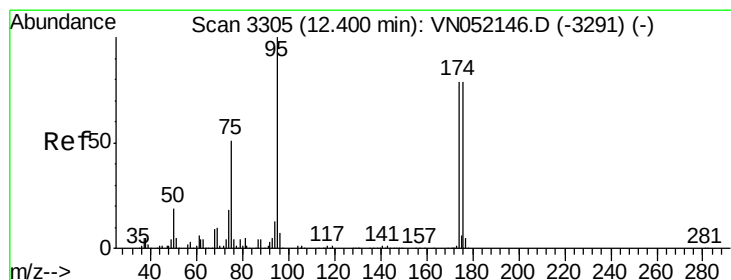
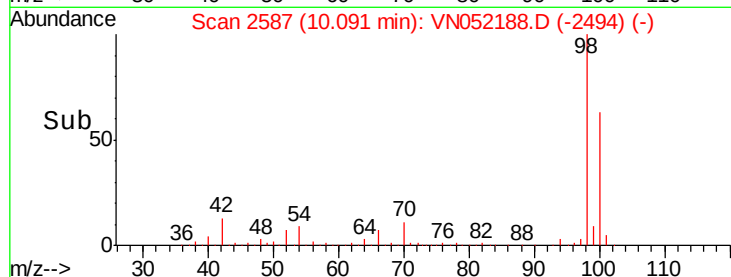
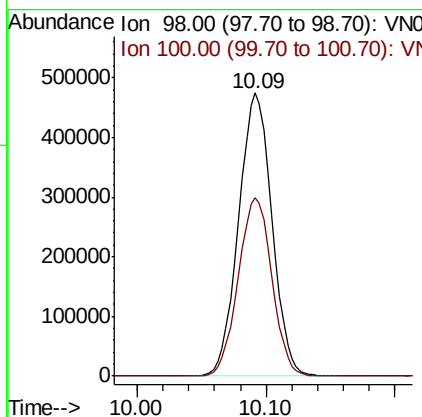
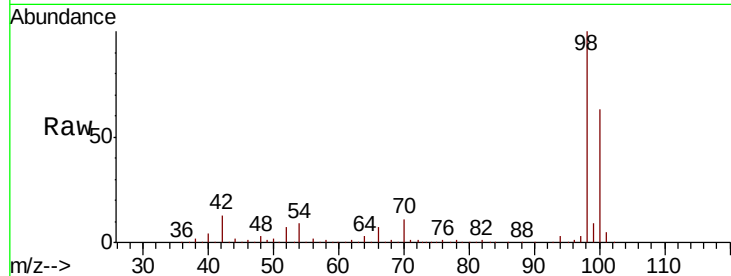




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052188.D
Acq: 6 Nov 2018 13:28

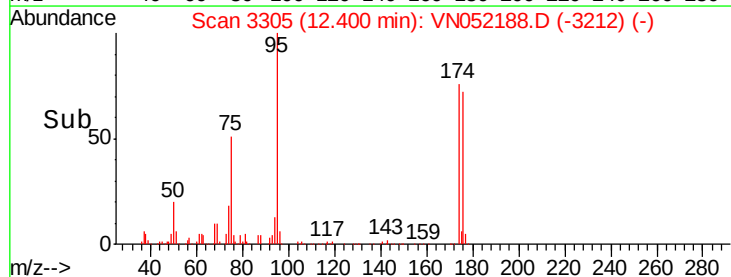
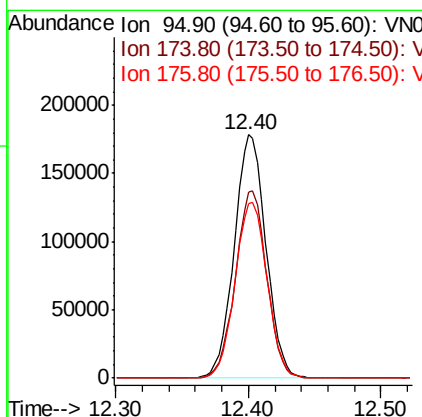
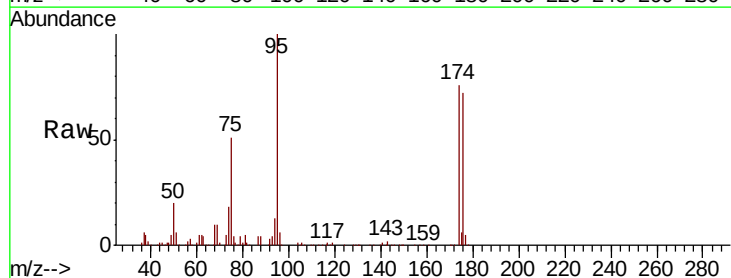
Instrument :
MSVOA_N
ClientSampled :
SB-1

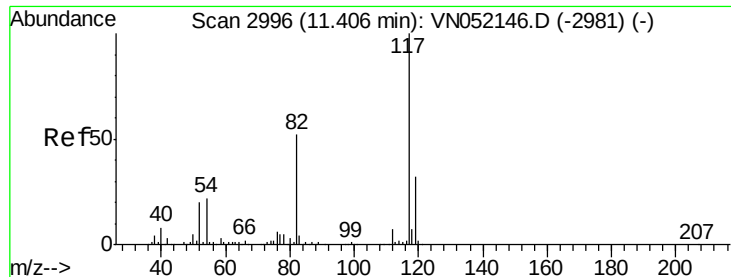
Tot Ion: 98 Resp: 853975
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052188.D
Acq: 6 Nov 2018 13:28

Tgt Ion: 95 Resp: 295589
Ion Ratio Lower Upper
95 100
174 76.0 0.0 131.8
176 73.2 0.0 126.0

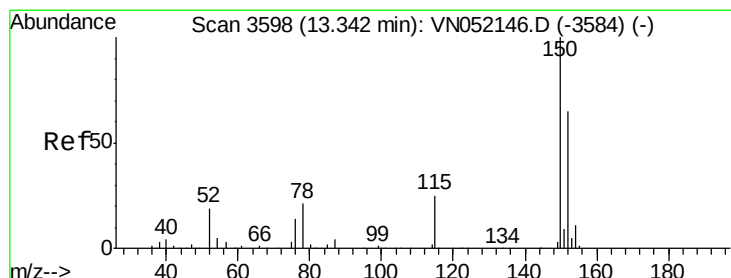
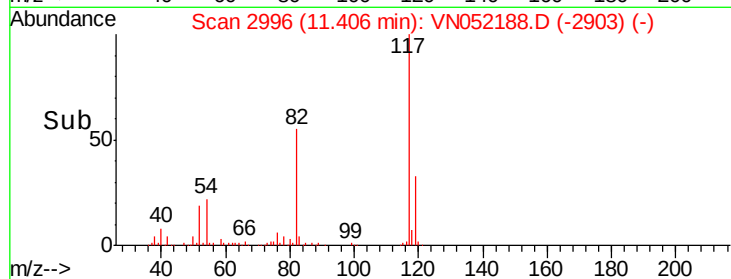
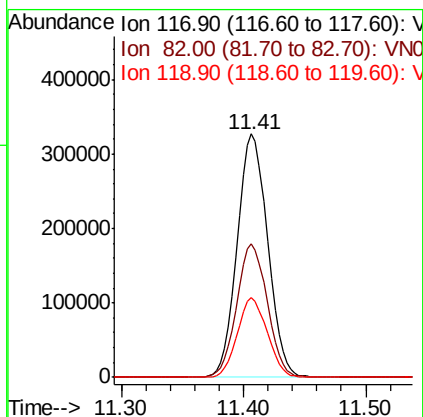
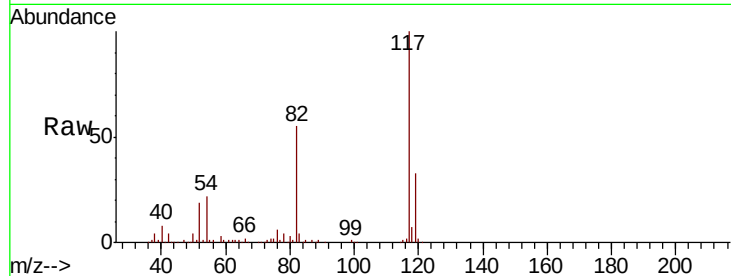




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052188.D
Acq: 6 Nov 2018 13:28

Instrument :
MSVOA_N
ClientSampled :
SB-1

Tot Ion:117 Resp: 563790
Ion Ratio Lower Upper
117 100
82 54.8 49.9 74.9
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052188.D
Acq: 6 Nov 2018 13:28

Tgt Ion:152 Resp: 238254
Ion Ratio Lower Upper
152 100
115 58.6 31.6 95.0
150 156.9 0.0 345.0

