

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052288.D
 Acq On : 13 Nov 2018 15:57
 Operator : MD\SY
 Sample : PB114744ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#01

Quant Time: Nov 14 01:25:01 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

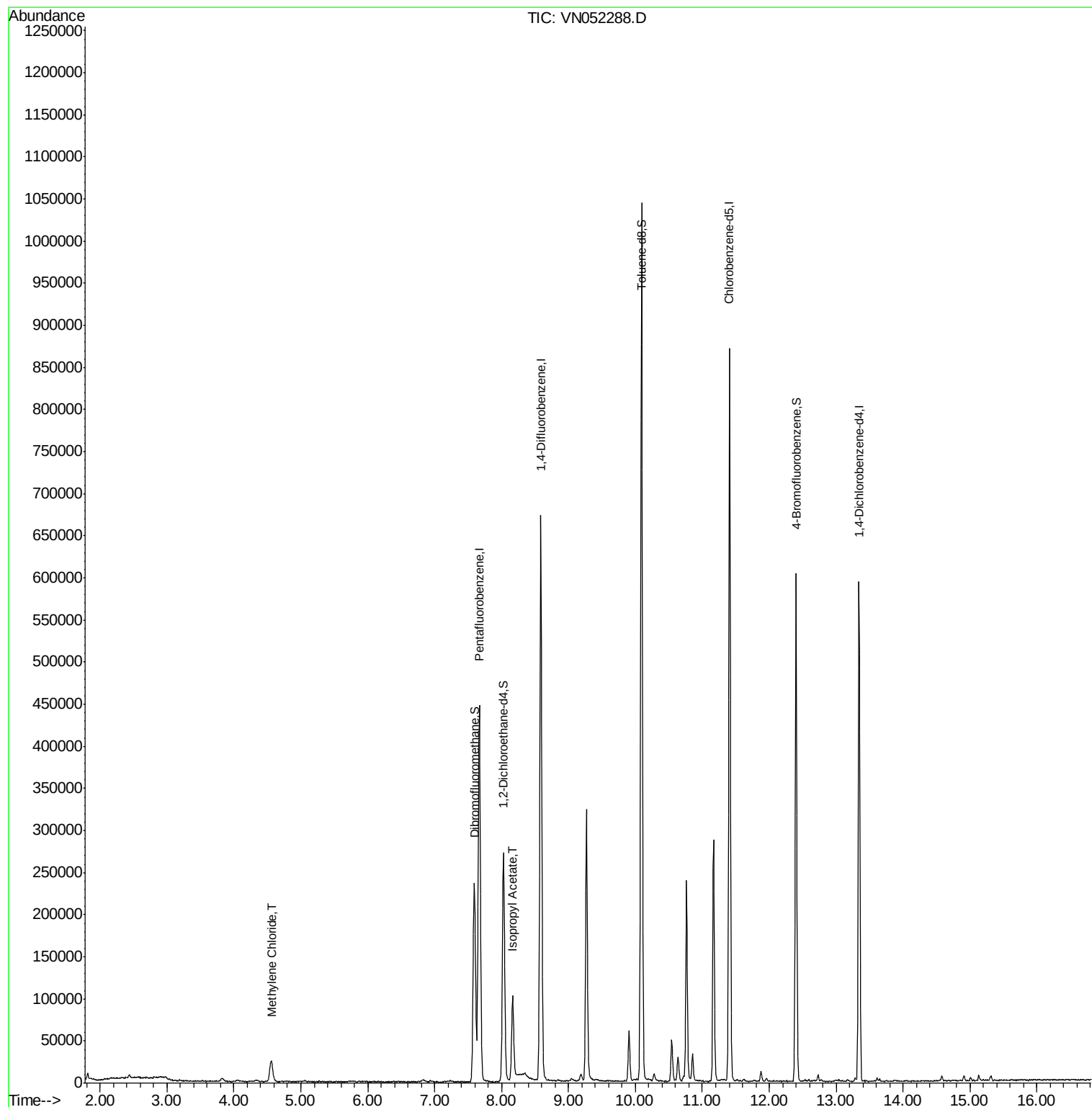
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	340530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	564140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	464480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	220827	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
35) Dibromofluoromethane	7.59	113	179321	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	10.09	98	690390	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.40	95	190777	41.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.50%	
Target Compounds						
20) Methylene Chloride	4.55	84	16796	3.956	ug/l	98
43) Isopropyl Acetate	8.17	43	128481	17.211	ug/l	97

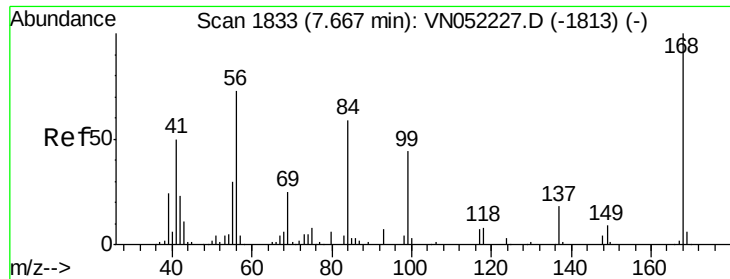
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052288.D

Acq: 13 Nov 2018 15:57

Instrument :

MSVOA_N

ClientSampleId :

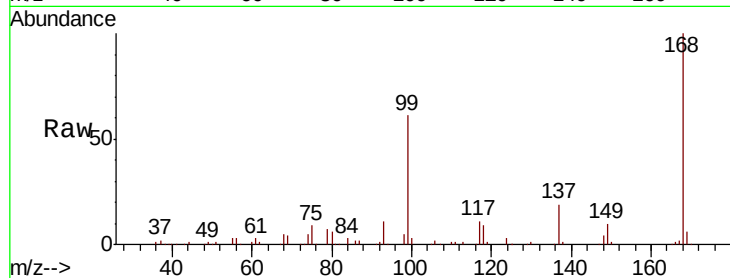
PB114744ZHE#01

Tot Ion:168 Resp: 340530

Ion Ratio Lower Upper

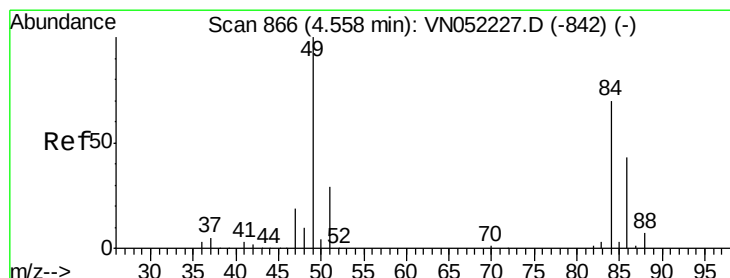
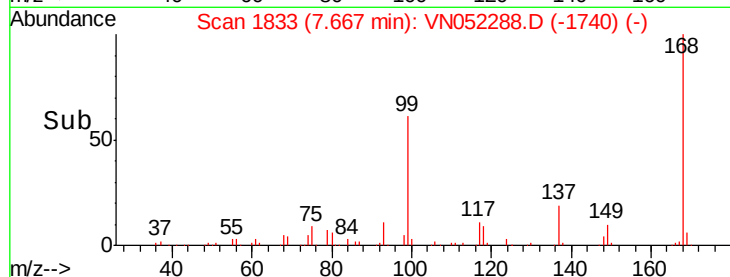
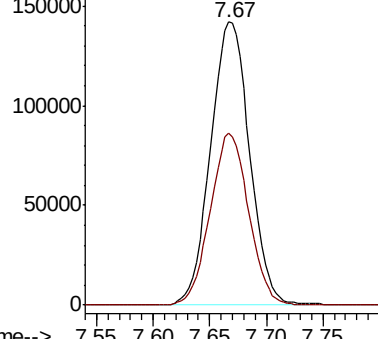
168 100

99 60.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 3.956 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052288.D

Acq: 13 Nov 2018 15:57

Tgt Ion: 84 Resp: 16796

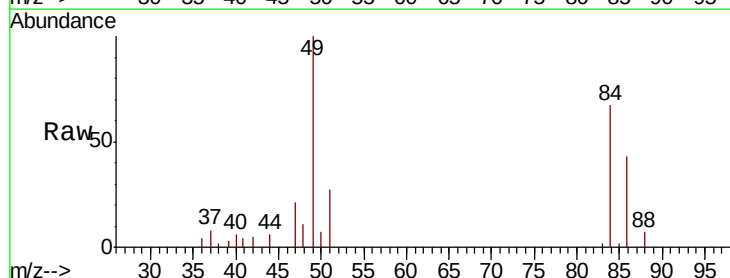
Ion Ratio Lower Upper

84 100

49 146.7 114.8 172.2

51 41.3 33.1 49.7

86 64.4 49.7 74.5

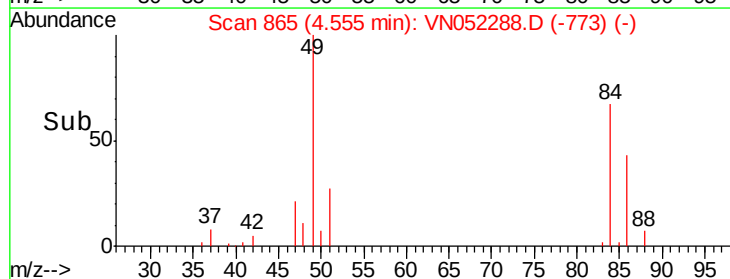
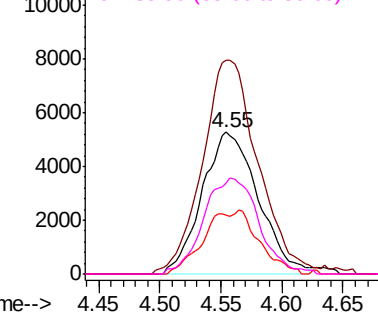


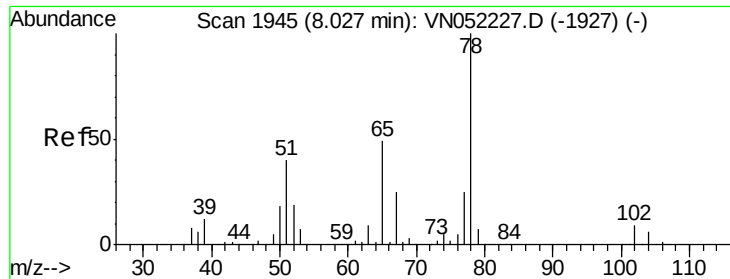
Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

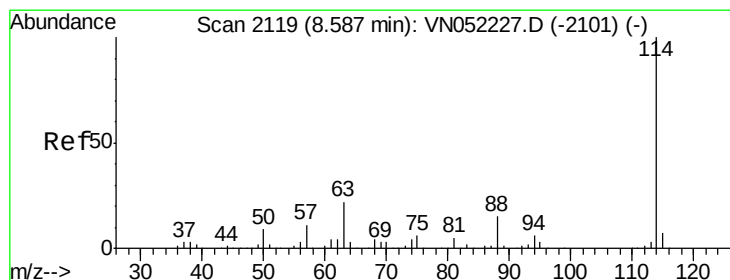
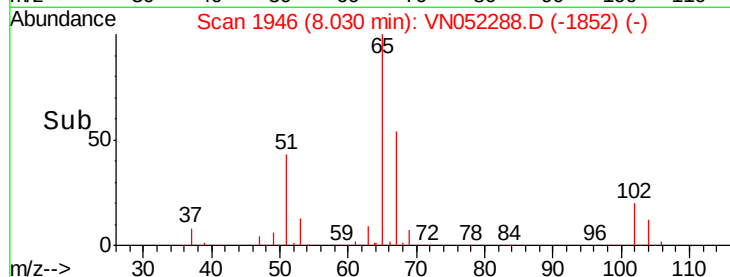
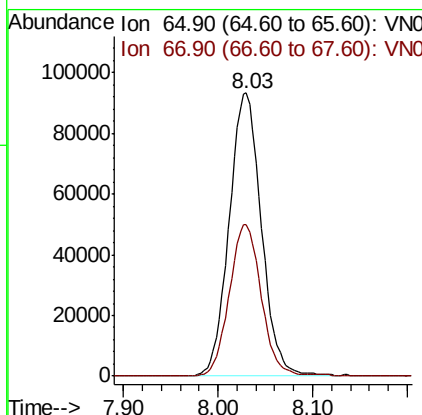
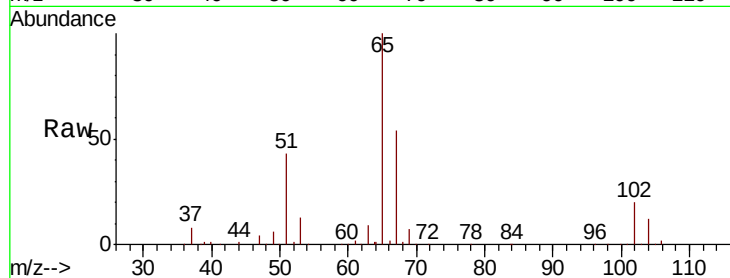




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052288.D
 Acq: 13 Nov 2018 15:57

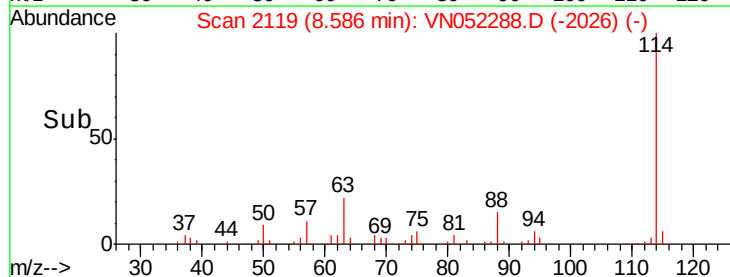
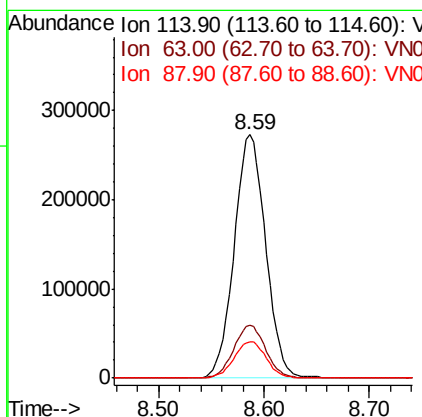
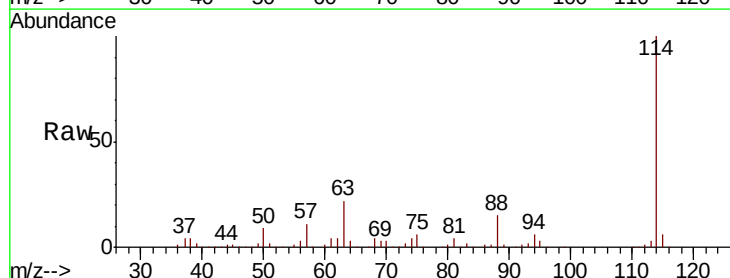
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#01

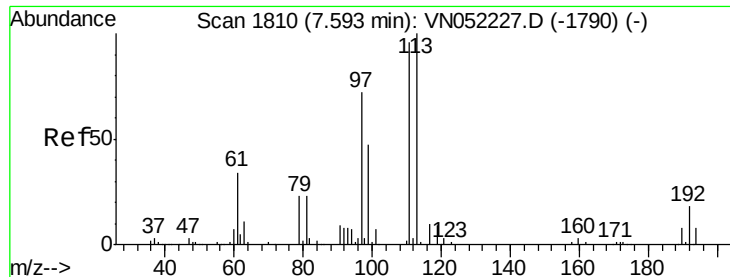
Tot Ion: 65 Resp: 220827
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052288.D
 Acq: 13 Nov 2018 15:57

Tgt Ion: 114 Resp: 564140
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 15.1 0.0 30.2

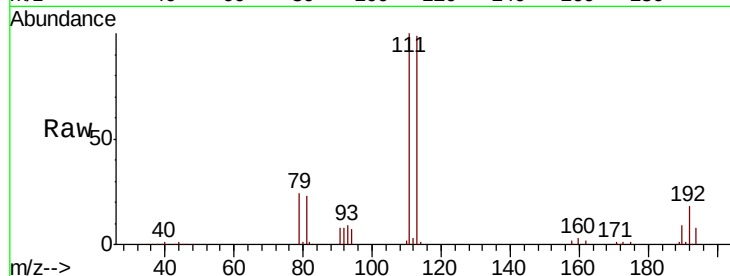




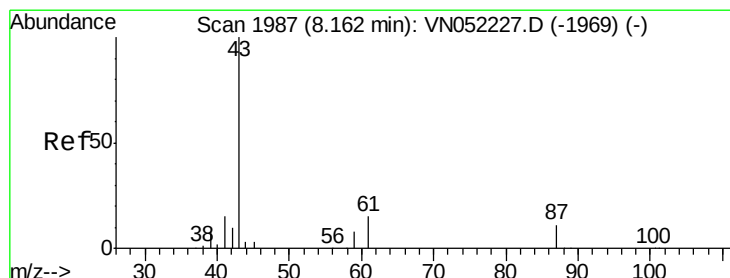
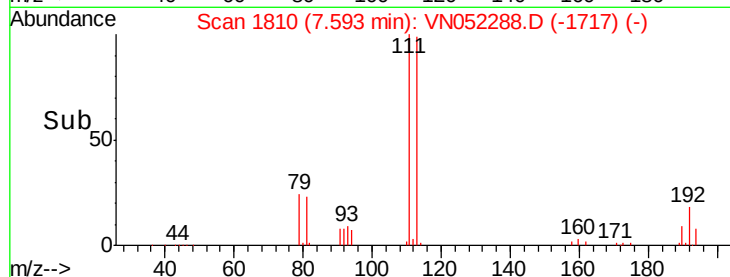
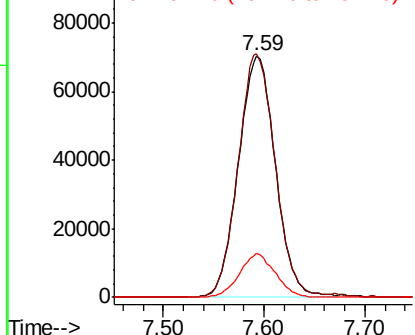
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052288.D
 Acq: 13 Nov 2018 15:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114744ZHE#01

Tot Ion:113 Resp: 179321
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.2 120.4
 192 17.4 14.1 21.1

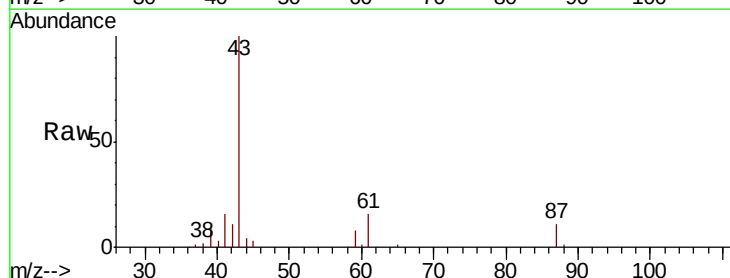


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

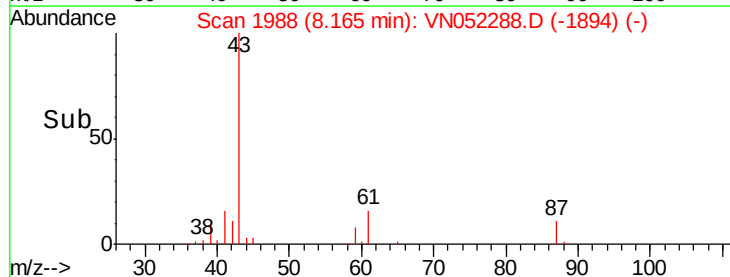
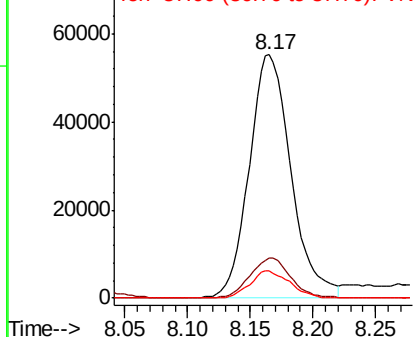


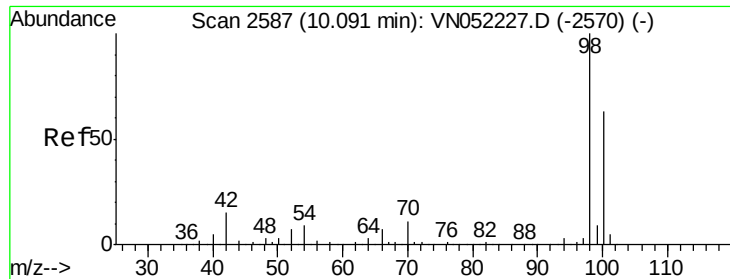
#43
 Isopropyl Acetate
 Concen: 17.211 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052288.D
 Acq: 13 Nov 2018 15:57

Tgt Ion: 43 Resp: 128481
 Ion Ratio Lower Upper
 43 100
 61 16.0 14.2 21.4
 87 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052288.D

Acq: 13 Nov 2018 15:57

Instrument :

MSVOA_N

ClientSampleId :

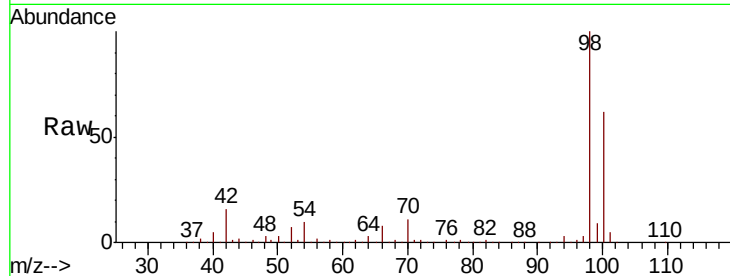
PB114744ZHE#01

Tot Ion: 98 Resp: 690390

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN052227.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052227.D (-2570) (-)

10.09

400000

300000

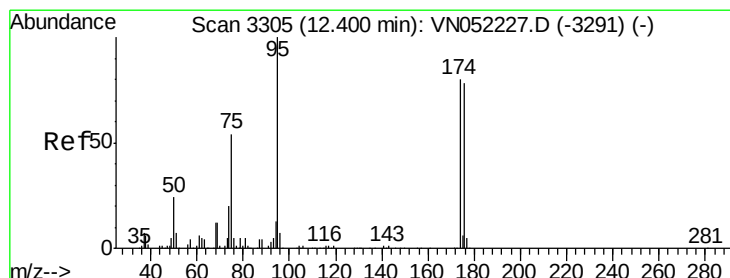
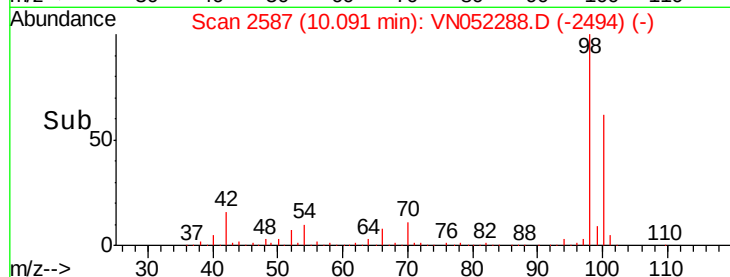
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052288.D

Acq: 13 Nov 2018 15:57

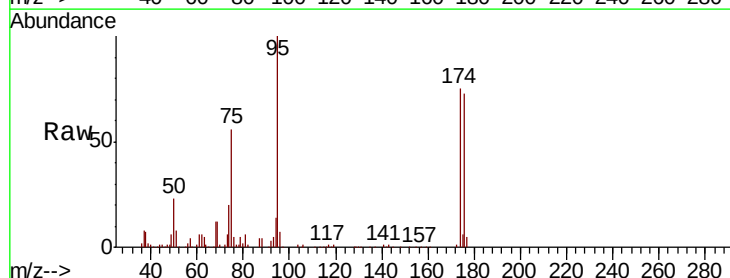
Tgt Ion: 95 Resp: 190777

Ion Ratio Lower Upper

95 100

174 76.6 0.0 159.4

176 73.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN052227.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052227.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052227.D (-3291) (-)

12.40

150000

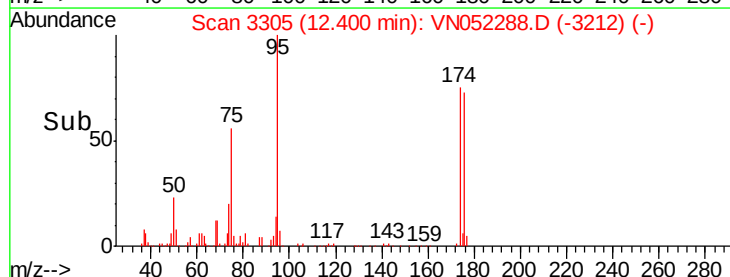
100000

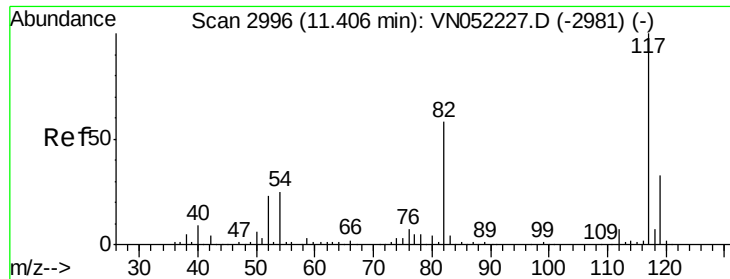
50000

0

Time-->

12.35 12.40 12.45

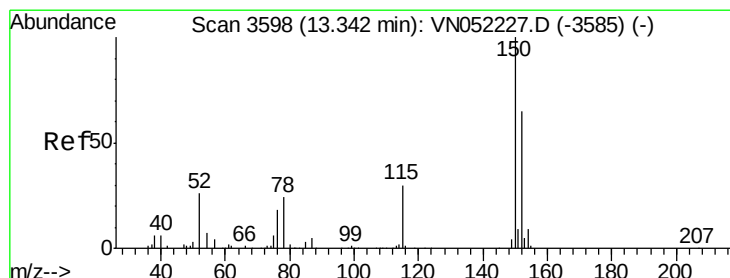
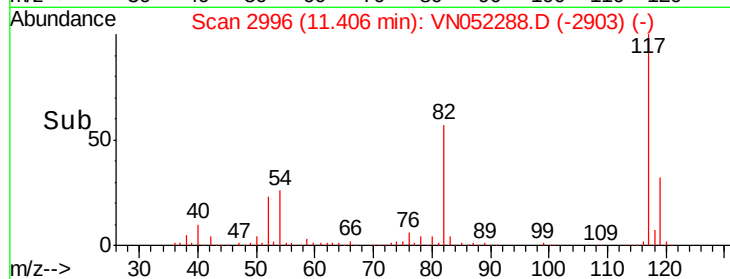
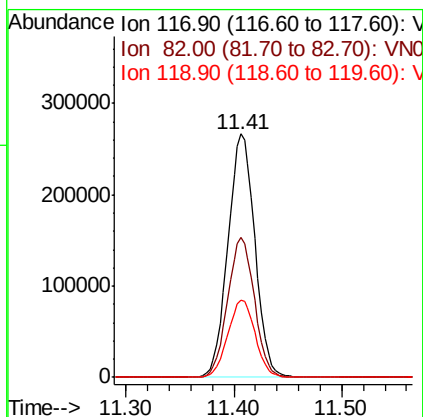
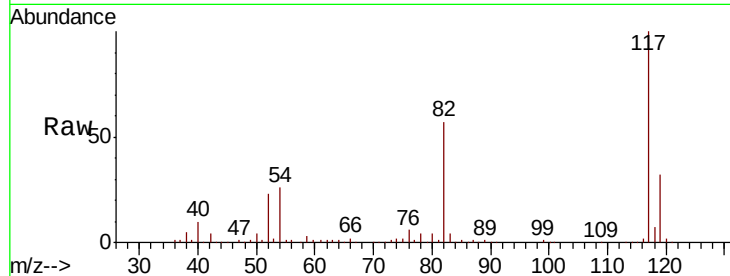




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052288.D
Acq: 13 Nov 2018 15:57

Instrument :
MSVOA_N
ClientSampleId :
PB114744ZHE#01

Tot Ion:117 Resp: 464480
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.2
119 31.7 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: VN052288.D
Acq: 13 Nov 2018 15:57

Tgt Ion:152 Resp: 147728
Ion Ratio Lower Upper
152 100
115 59.2 29.8 89.5
150 156.5 0.0 350.2

