

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050989.D
 Acq On : 31 Aug 2018 15:39
 Operator : MD\SY
 Sample : PB112510ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#02

Quant Time: Aug 31 23:55:54 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	562360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	931063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	769907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	242818	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	361942	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
35) Dibromofluoromethane	7.59	113	349822	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	10.09	98	1235886	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
62) 4-Bromofluorobenzene	12.40	95	322692	35.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.14%	

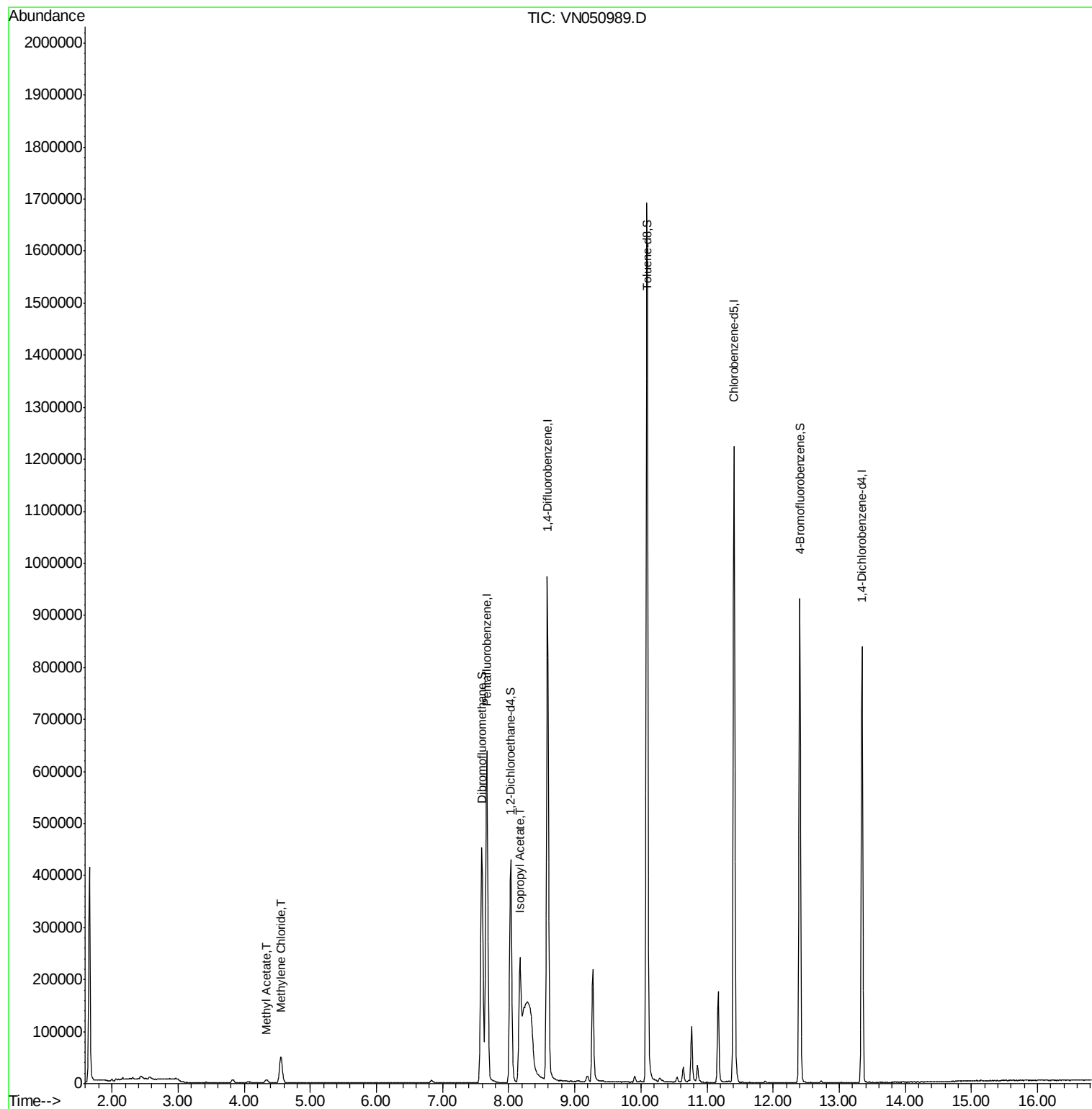
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	13939	2.18	ug/l	94
20) Methylene Chloride	4.55	84	40023	5.25	ug/l	97
43) Isopropyl Acetate	8.17	43	301535	27.79	ug/l #	91

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

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050989.D

Acq: 31 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

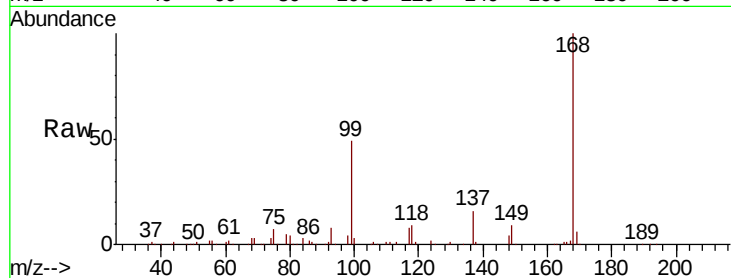
PB112510ZHE#02

Tot Ion:168 Resp: 562360

Ion Ratio Lower Upper

168 100

99 48.7 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

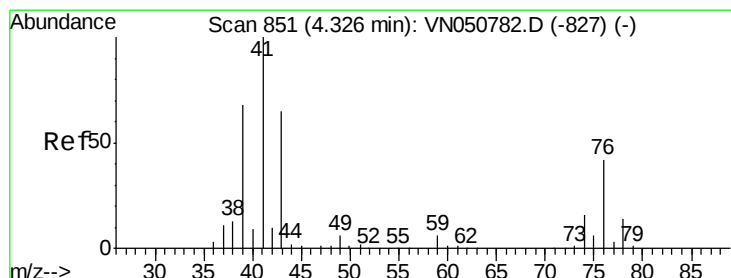
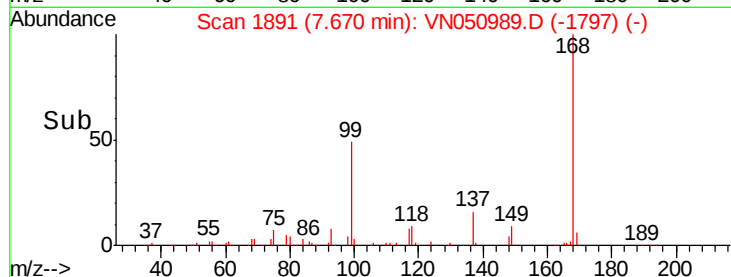
100000

50000

0

7.60 7.70 7.80

Time-->



#18

Methyl Acetate

Concen: 2.18 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050989.D

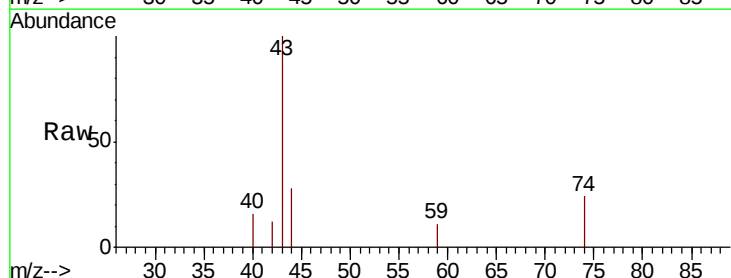
Acq: 31 Aug 2018 15:39

Tgt Ion: 43 Resp: 13939

Ion Ratio Lower Upper

43 100

74 21.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.34

5000

4000

3000

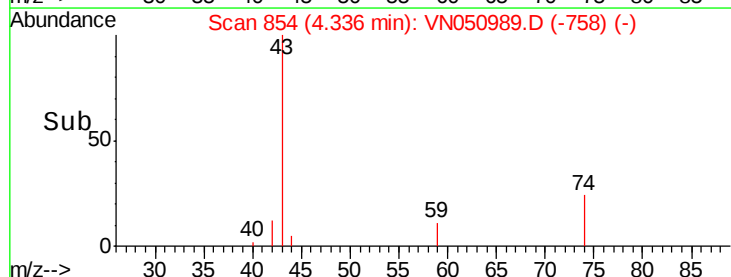
2000

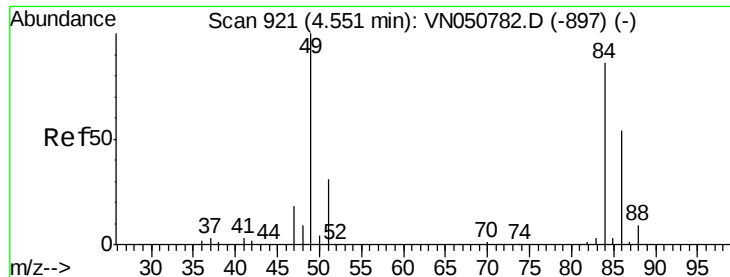
1000

0

4.20 4.30 4.40

Time-->

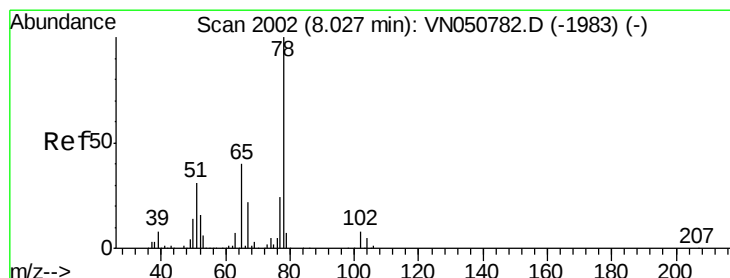
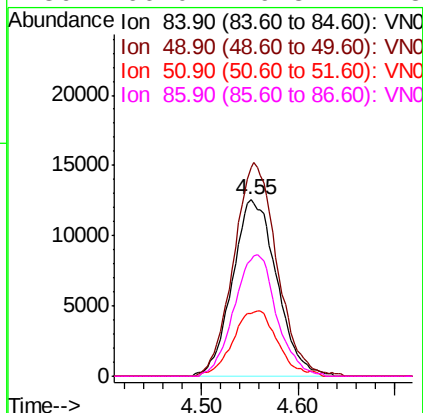
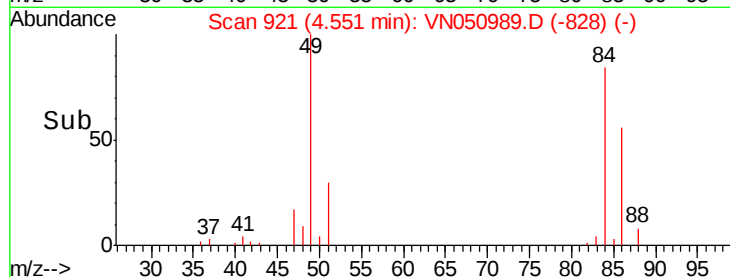
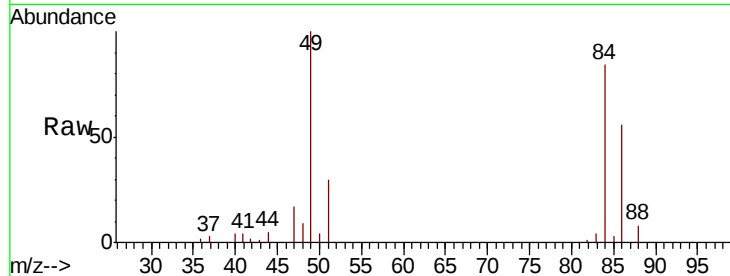




#20
Methvlene Chloride
Concen: 5.25 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050989.D
Acq: 31 Aug 2018 15:39

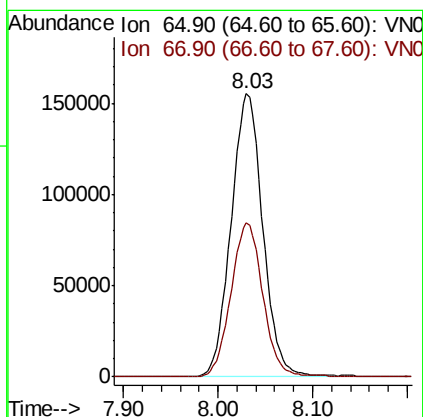
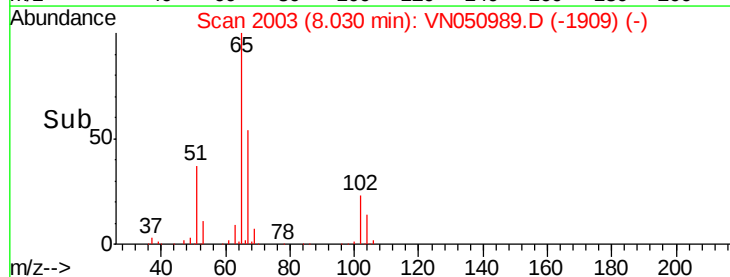
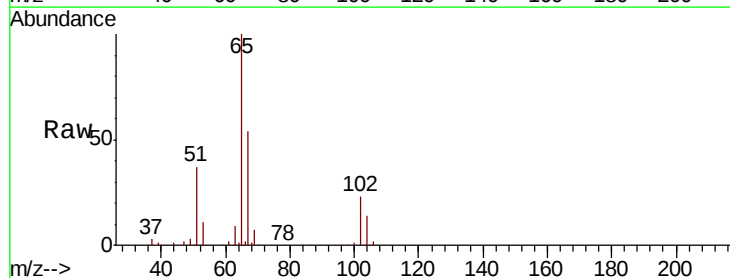
Instrument :
MSVOA_N
ClientSampleId :
PB112510ZHE#02

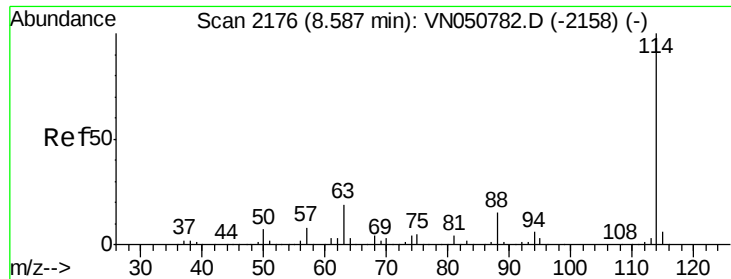
Tot Ion:	84	Resp:	40023
Ion	Ratio	Lower	Upper
84	100		
49	118.6	93.2	139.8
51	35.8	29.0	43.6
86	66.0	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 53.46 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050989.D
Acq: 31 Aug 2018 15:39

Tgt Ion:	65	Resp:	361942
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	110.4

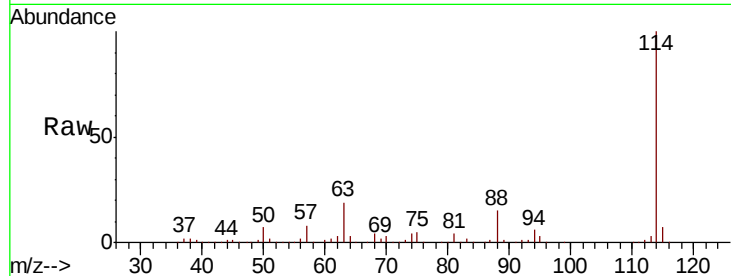




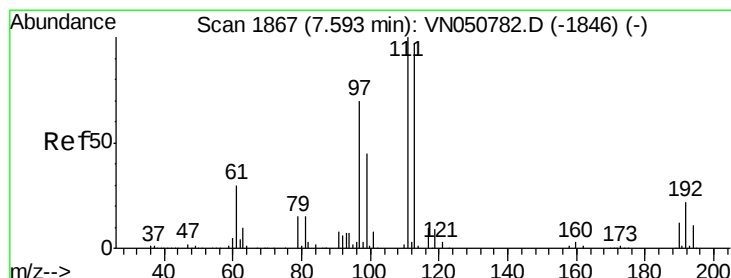
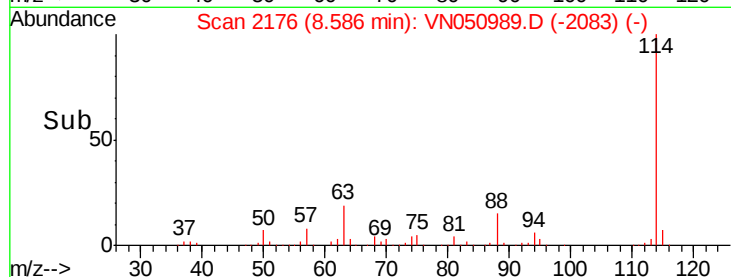
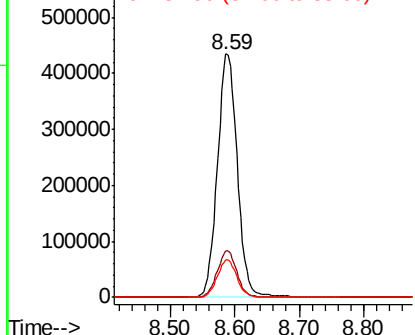
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050989.D
 Acq: 31 Aug 2018 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#02

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.2	0.0	30.6

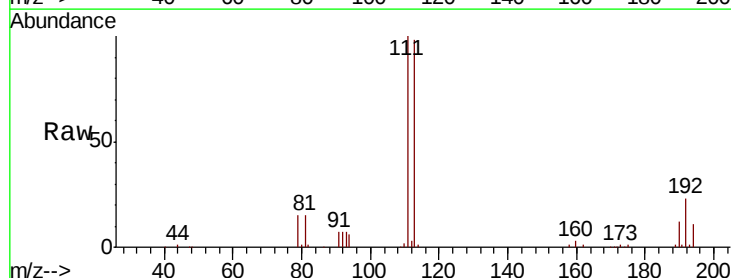


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

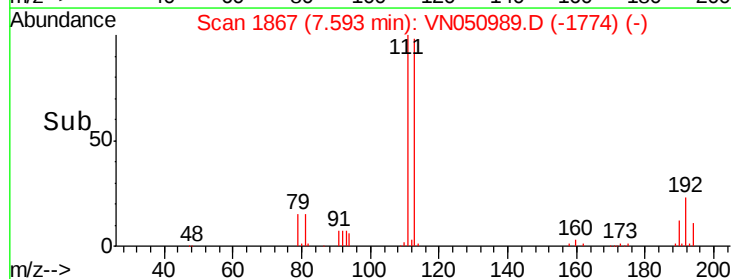
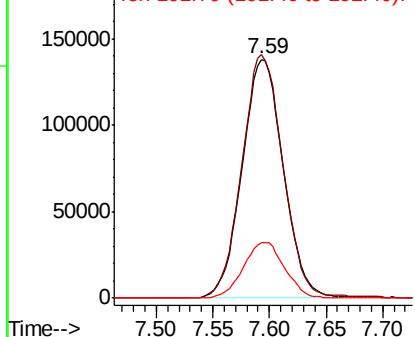


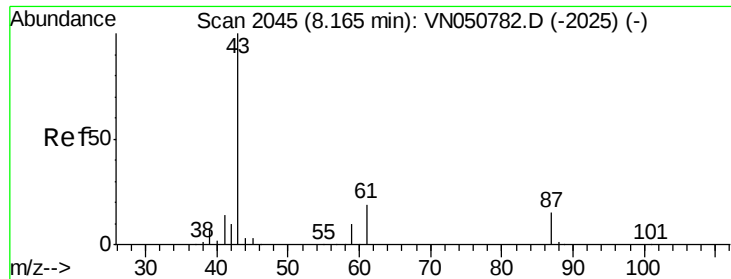
#35
 Dibromofluoromethane
 Concen: 47.23 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050989.D
 Acq: 31 Aug 2018 15:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	23.4	18.0	27.0



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: 27.79 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050989.D

Acq: 31 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#02

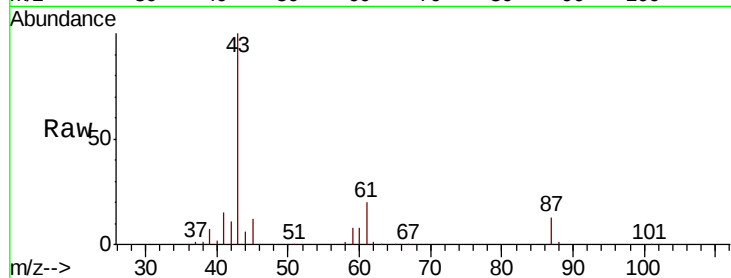
Tot Ion: 43 Resp: 301535

Ion Ratio Lower Upper

43 100

61 17.3 17.5 26.3#

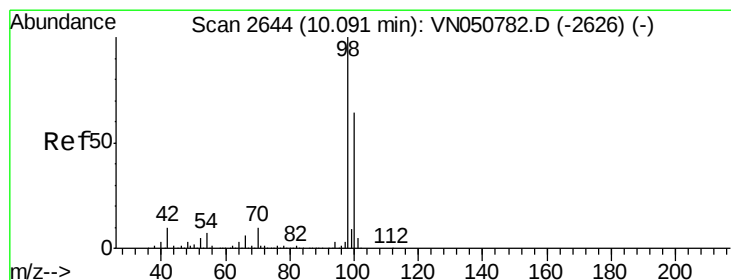
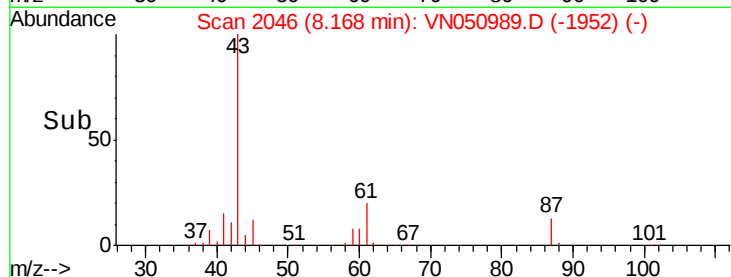
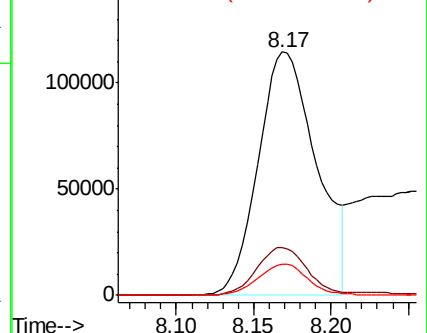
87 11.1 11.3 16.9#



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: 44.63 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050989.D

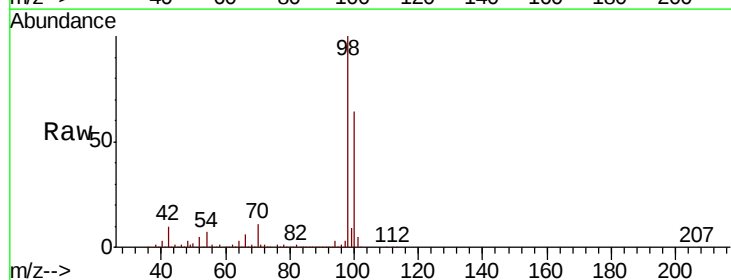
Acq: 31 Aug 2018 15:39

Tgt Ion: 98 Resp: 1235886

Ion Ratio Lower Upper

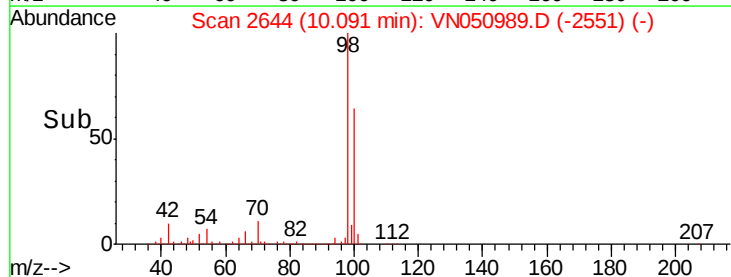
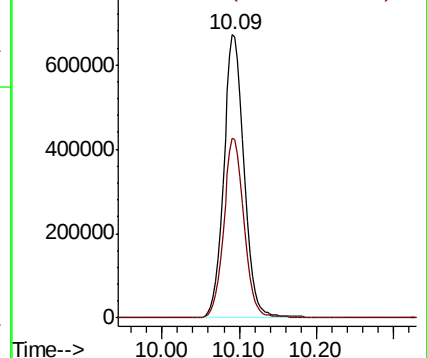
98 100

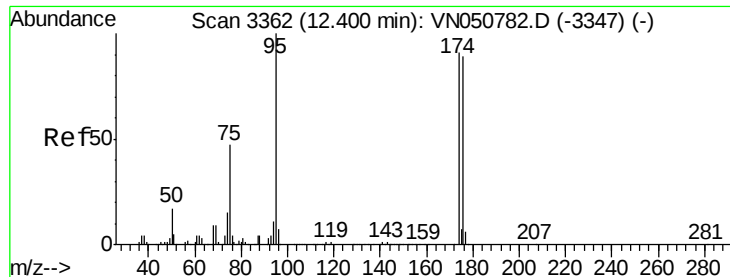
100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

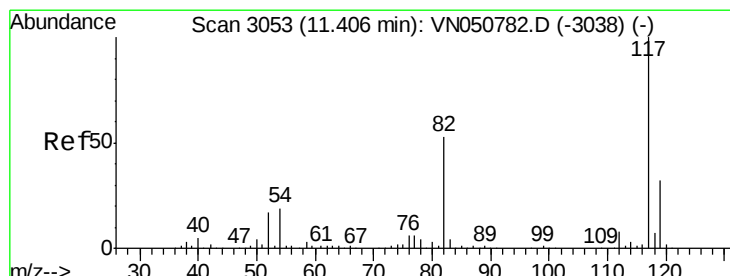
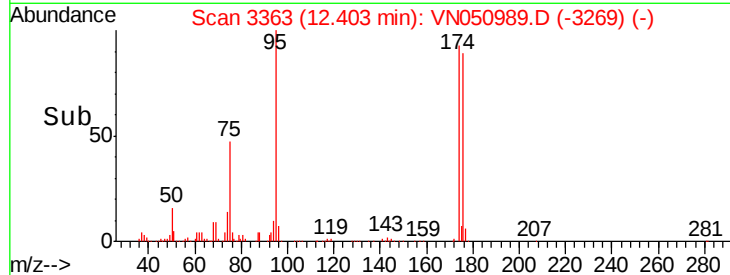
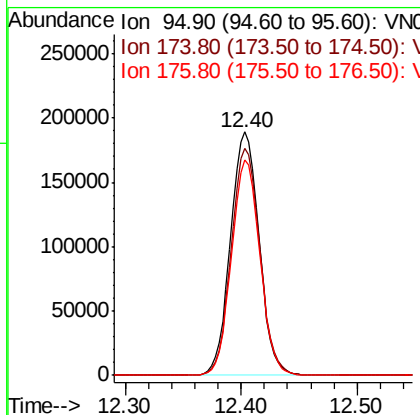
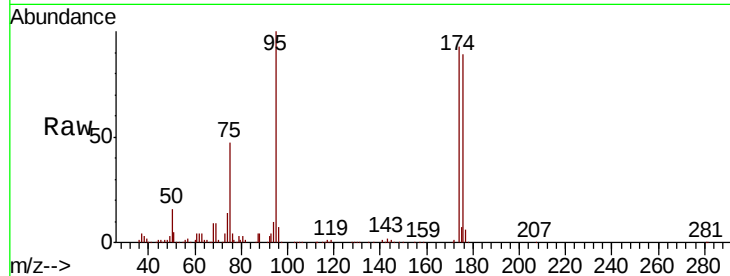




#62
4-Bromofluorobenzene
Concen: 35.07 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050989.D
Acq: 31 Aug 2018 15:39

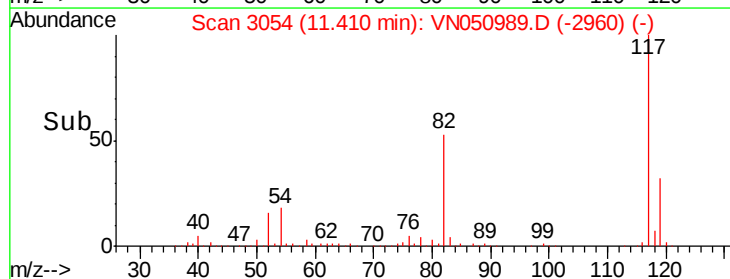
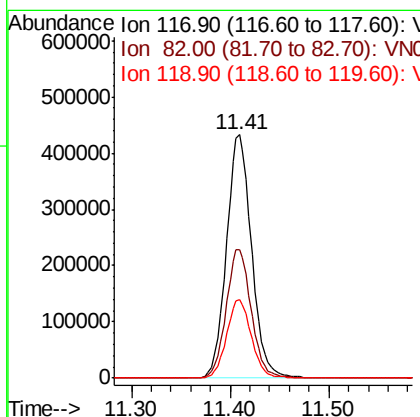
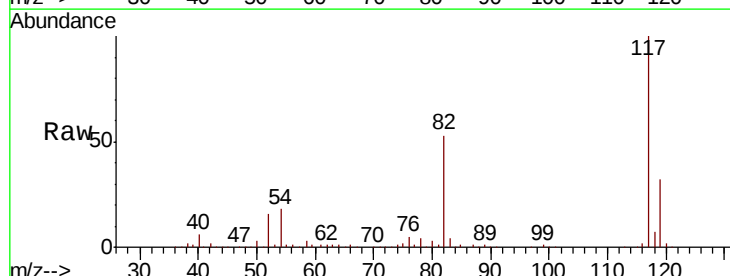
Instrument :
MSVOA_N
ClientSampleId :
PB112510ZHE#02

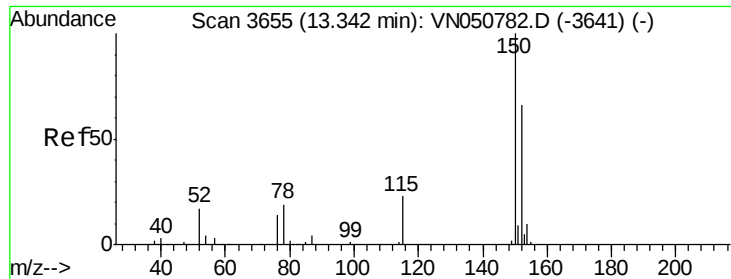
Tot Ion: 95 Resp: 322692
Ion Ratio Lower Upper
95 100
174 93.3 0.0 183.0
176 87.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050989.D
Acq: 31 Aug 2018 15:39

Tgt Ion: 117 Resp: 769907
Ion Ratio Lower Upper
117 100
82 53.0 42.6 64.0
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050989.D

Acq: 31 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#02

Tot Ion:152 Resp: 242818

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

150 157.4 0.0 351.4

