

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050985.D
 Acq On : 31 Aug 2018 14:01
 Operator : MD\SY
 Sample : PB112510ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#03

Quant Time: Aug 31 23:20:48 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	584029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	932121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	774298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228838	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	372229	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
35) Dibromofluoromethane	7.59	113	357789	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
50) Toluene-d8	10.09	98	1276228	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
62) 4-Bromofluorobenzene	12.40	95	319051	34.63	ug/l	0.00
Spiked Amount			Recovery	=	69.26%	

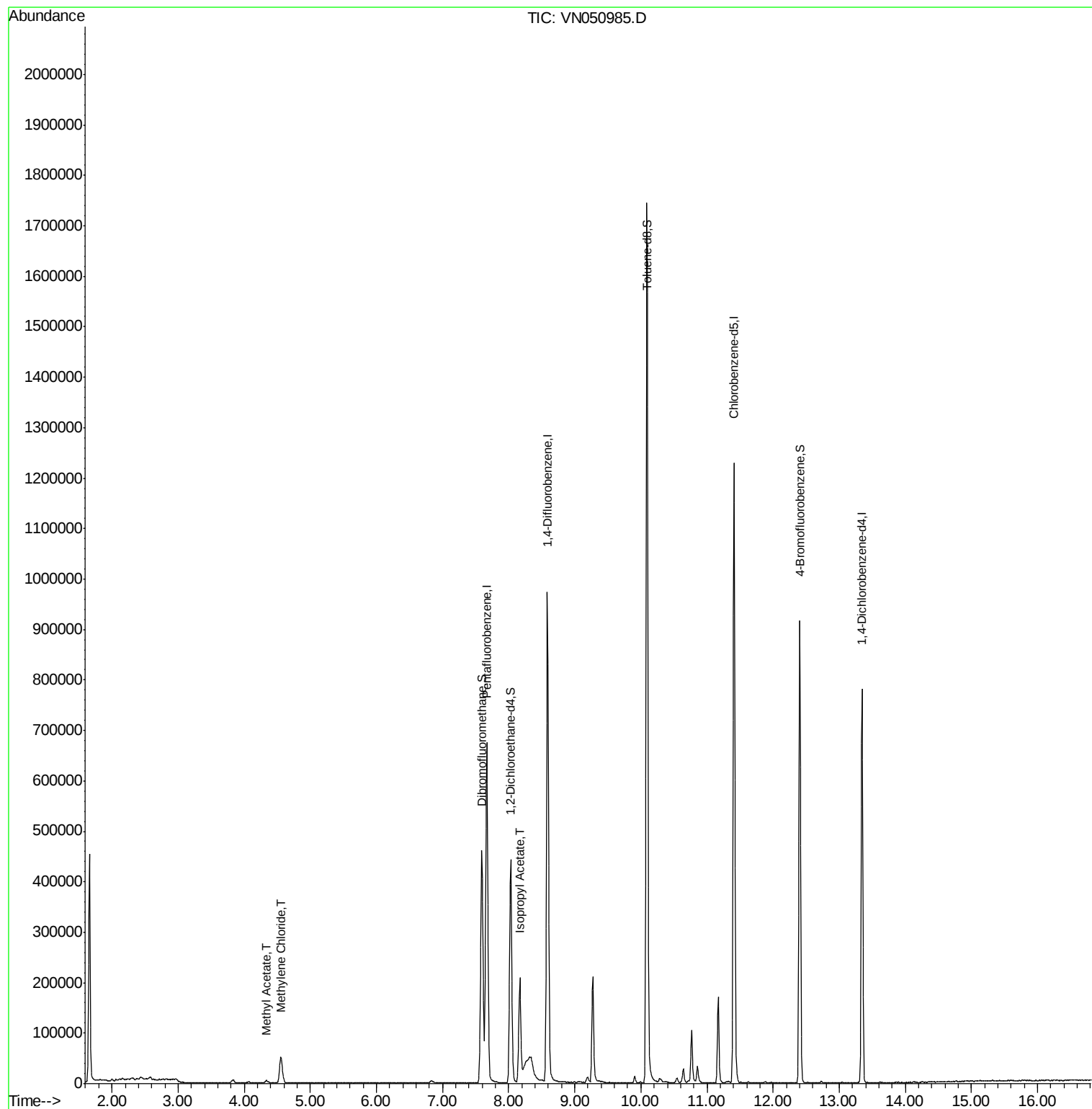
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	10984	1.65	ug/l	93
20) Methylene Chloride	4.56	84	41125	5.19	ug/l	96
43) Isopropyl Acetate	8.17	43	245650	22.61	ug/l	98

(#) = 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: VN050985.D

Acq: 31 Aug 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

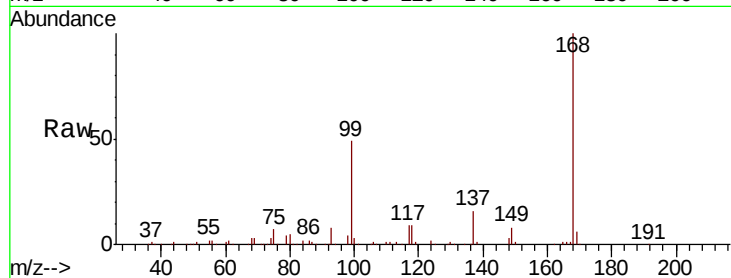
PB112510ZHE#03

Tot Ion:168 Resp: 584029

Ion Ratio Lower Upper

168 100

99 49.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050985.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050985.D (-1797) (-)

7.67

250000

200000

150000

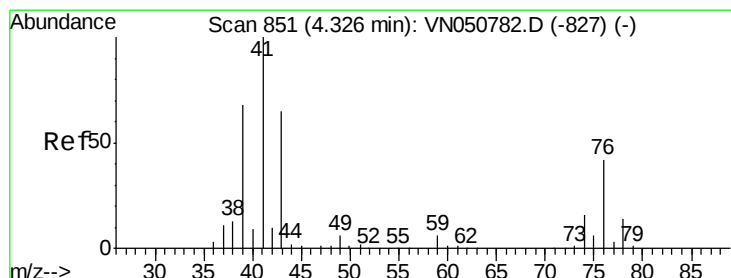
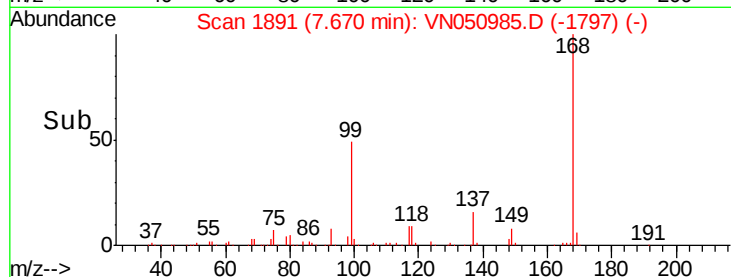
100000

50000

0

7.60 7.70 7.80

Time-->



#18

Methyl Acetate

Concen: 1.65 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN050985.D

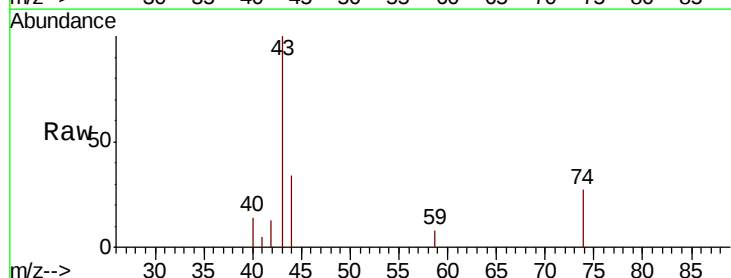
Acq: 31 Aug 2018 14:01

Tgt Ion: 43 Resp: 10984

Ion Ratio Lower Upper

43 100

74 21.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN050985.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN050985.D (-758) (-)

4.34

3000

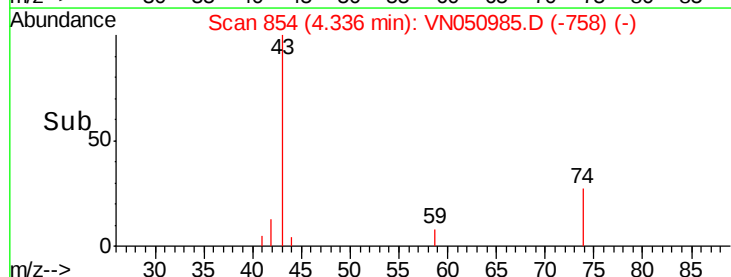
2000

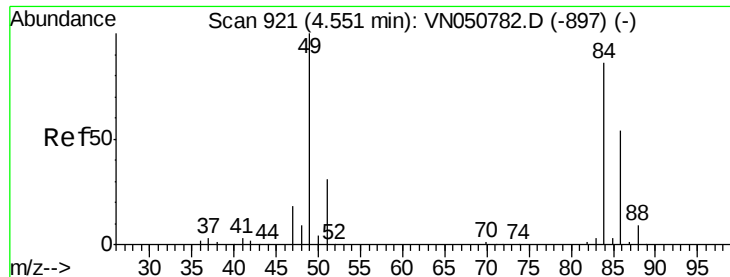
1000

0

4.30 4.40 4.50

Time-->

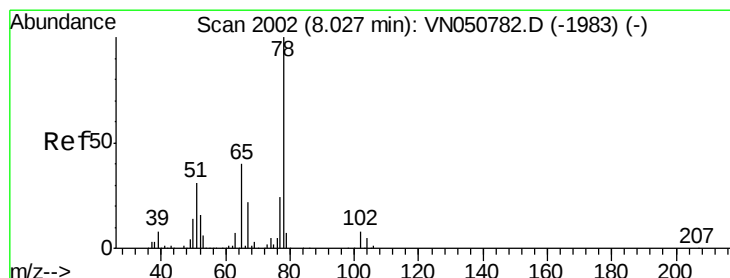
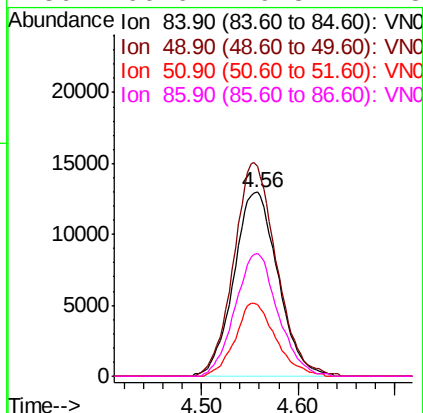
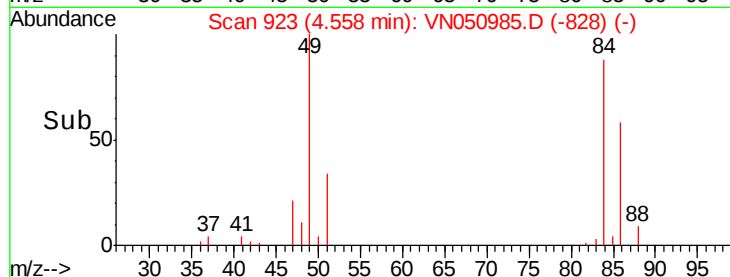
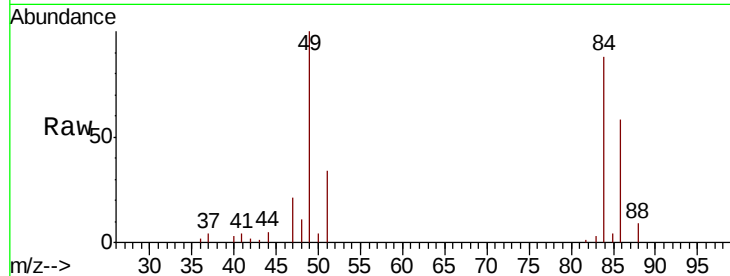




#20
Methvlene Chloride
Concen: 5.19 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050985.D
Acq: 31 Aug 2018 14:01

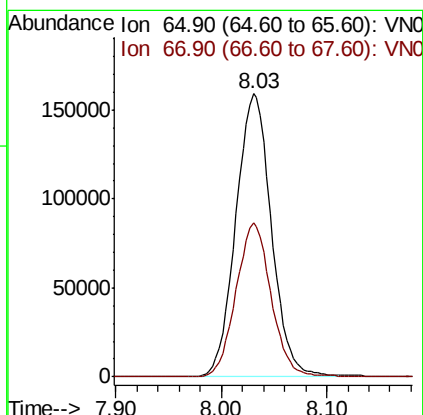
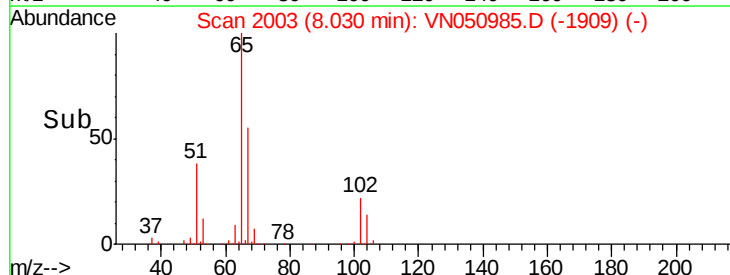
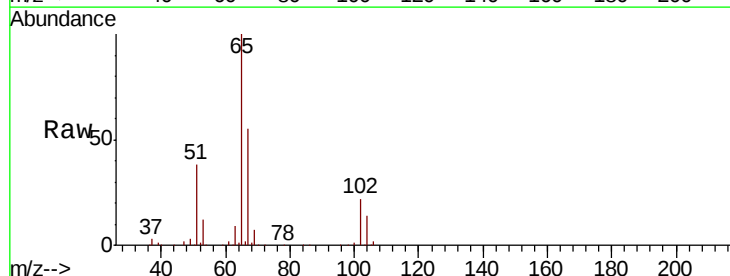
Instrument :
MSVOA_N
ClientSampleId :
PB112510ZHE#03

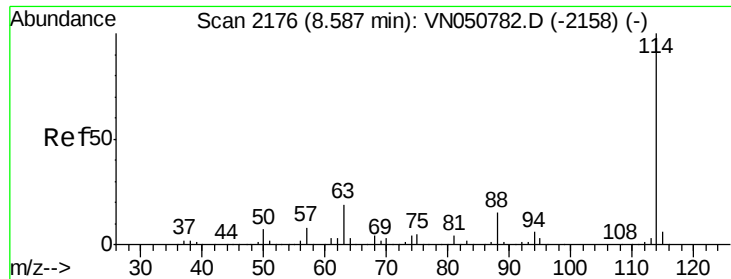
Tot Ion: 84 Resp: 41125
Ion Ratio Lower Upper
84 100
49 113.9 93.2 139.8
51 38.9 29.0 43.6
86 66.6 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 52.94 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050985.D
Acq: 31 Aug 2018 14:01

Tgt Ion: 65 Resp: 372229
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.4

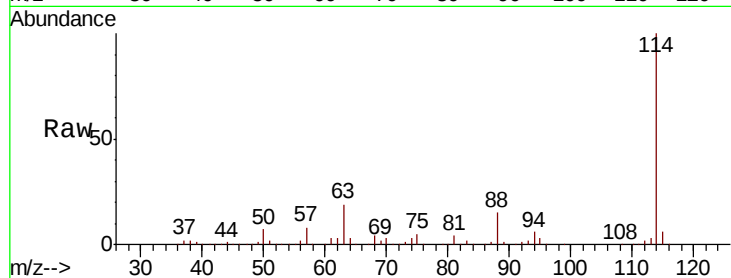




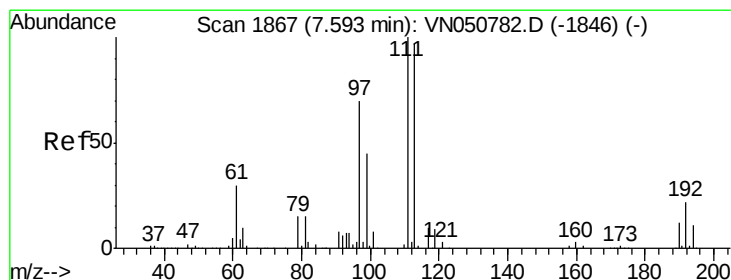
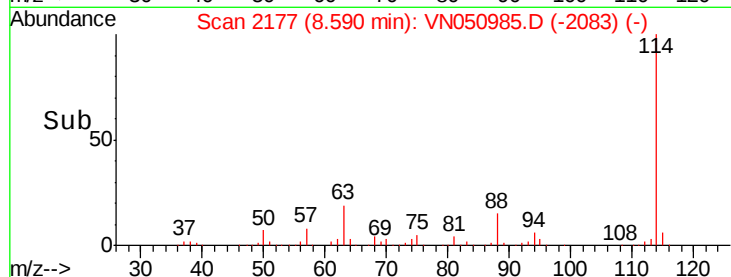
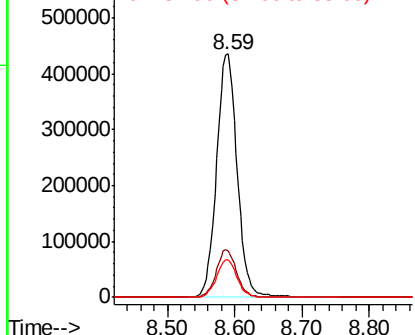
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050985.D
 Acq: 31 Aug 2018 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#03

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	15.3	0.0	30.6

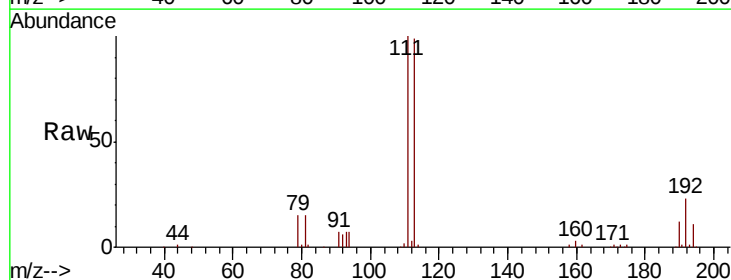


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

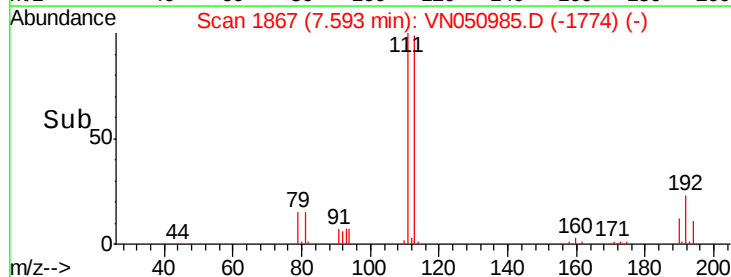
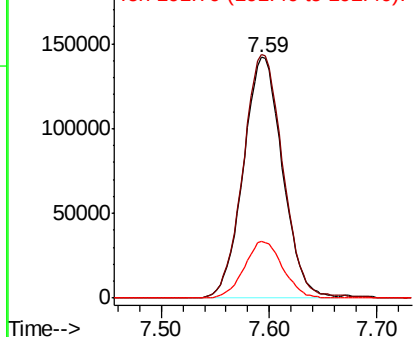


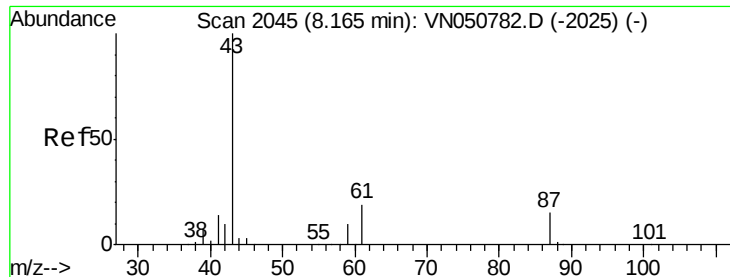
#35
 Dibromofluoromethane
 Concen: 48.25 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050985.D
 Acq: 31 Aug 2018 14:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	23.2	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: 22.61 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050985.D

Acq: 31 Aug 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#03

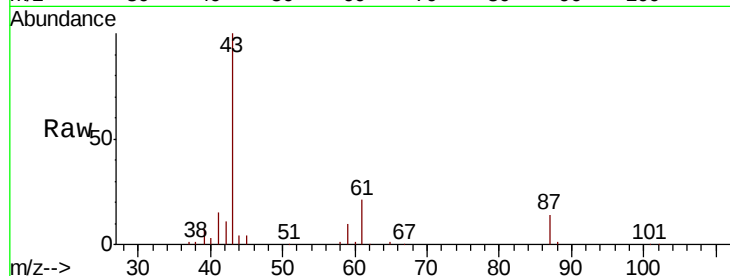
Tot Ion: 43 Resp: 245650

Ion Ratio Lower Upper

43 100

61 20.6 17.5 26.3

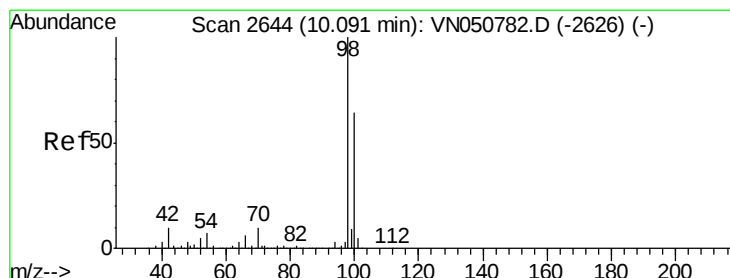
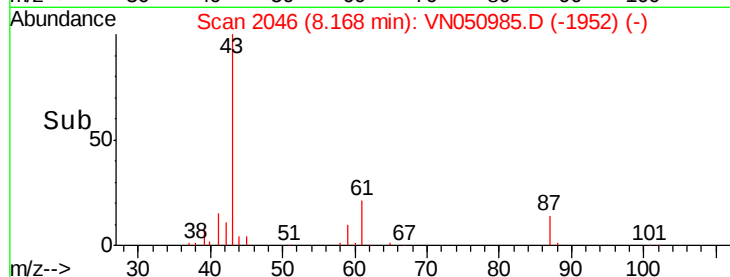
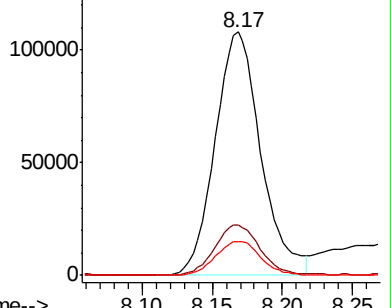
87 13.8 11.3 16.9



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: 46.03 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050985.D

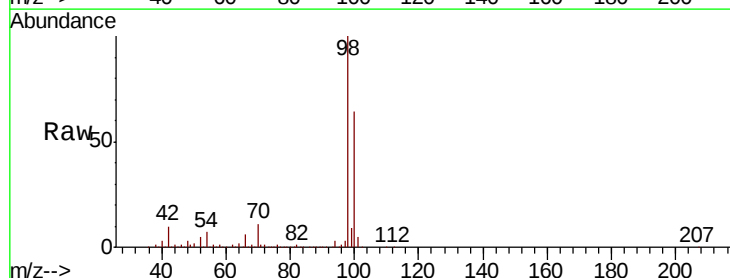
Acq: 31 Aug 2018 14:01

Tgt Ion: 98 Resp: 1276228

Ion Ratio Lower Upper

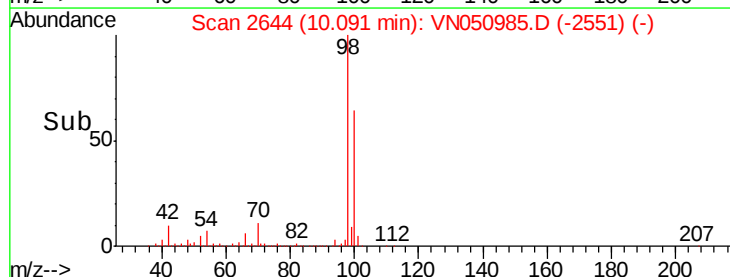
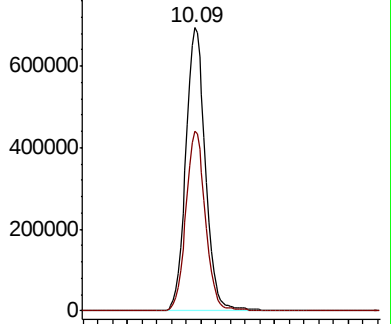
98 100

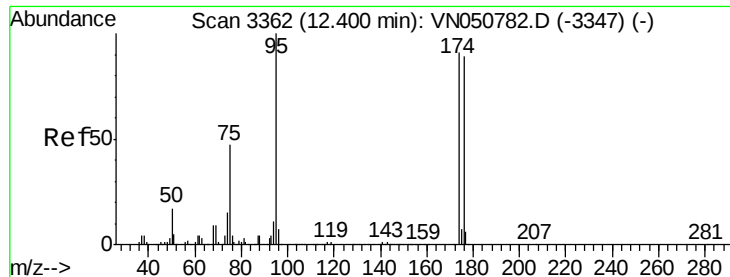
100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

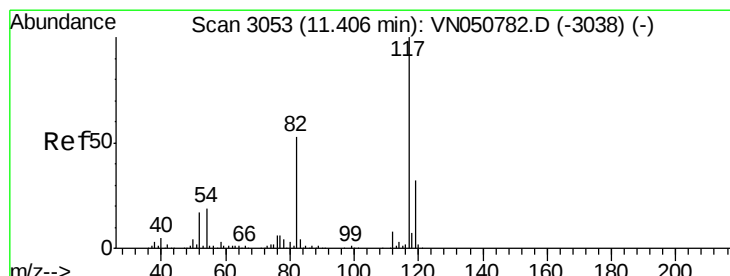
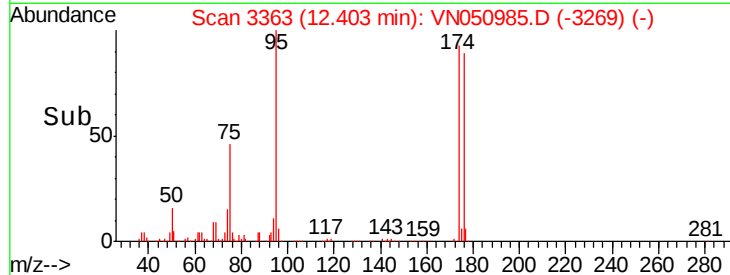
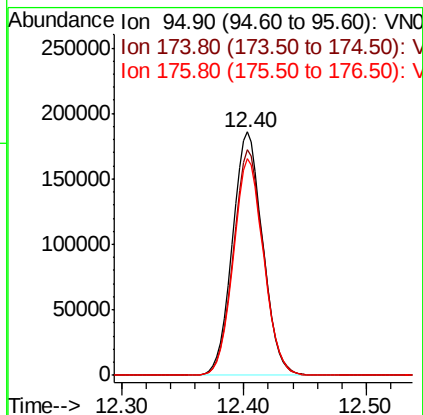
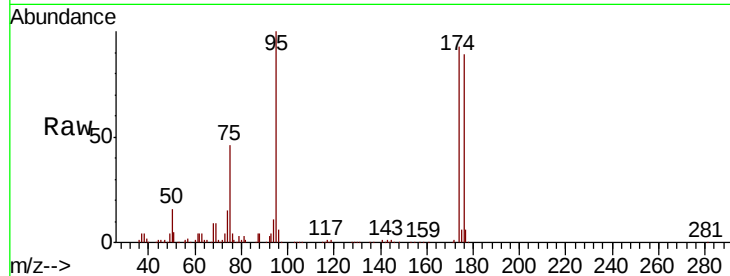




#62
 4-Bromofluorobenzene
 Concen: 34.63 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050985.D
 Acq: 31 Aug 2018 14:01

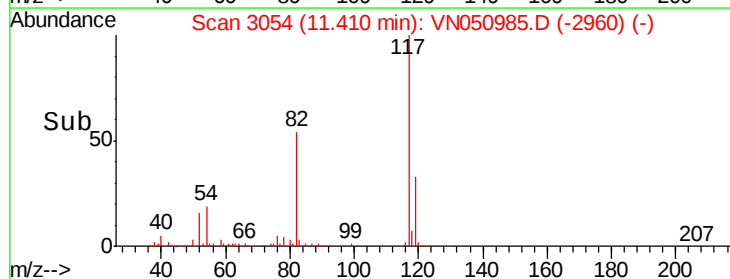
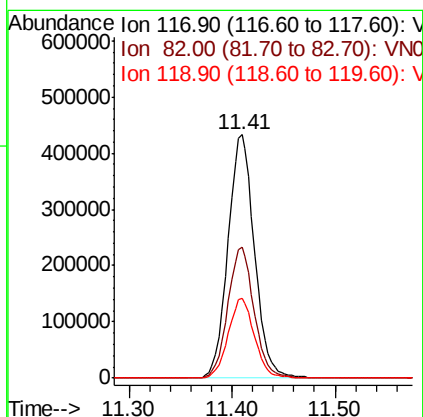
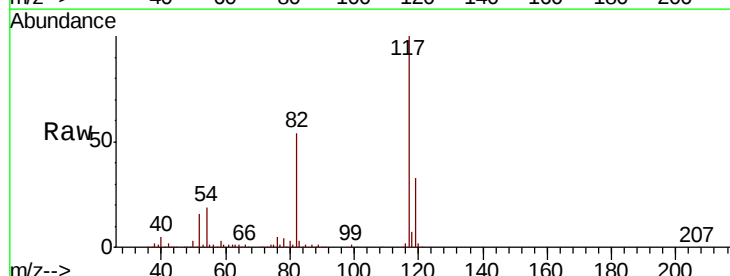
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112510ZHE#03

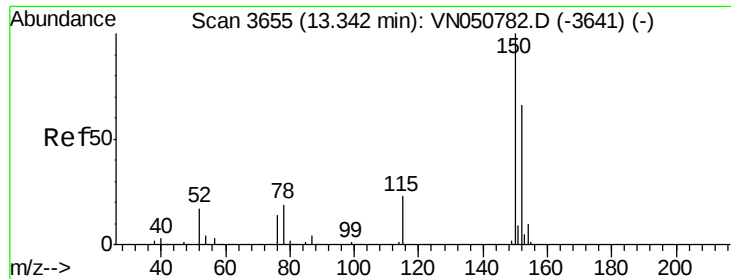
Tot Ion: 95 Resp: 319051
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 183.0
 176 88.9 0.0 178.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050985.D
 Acq: 31 Aug 2018 14:01

Tgt Ion: 117 Resp: 774298
 Ion Ratio Lower Upper
 117 100
 82 53.9 42.6 64.0
 119 32.7 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: VN050985.D

Acq: 31 Aug 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB112510ZHE#03

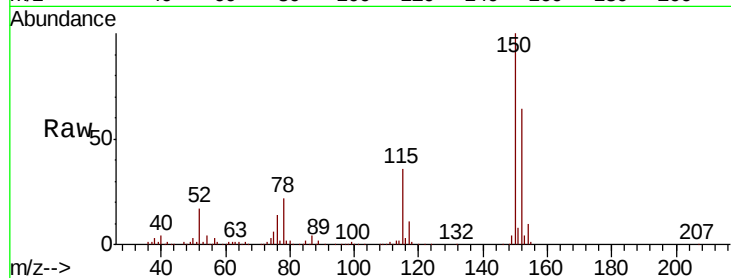
Tot Ion:152 Resp: 228838

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

150 157.0 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

