

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\
 Data File : VN051017.D
 Acq On : 4 Sep 2018 14:17
 Operator : MD\SY
 Sample : PB112553ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112553ZHE#03

Quant Time: Sep 05 02:01:14 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	619048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	995580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	853974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276733	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	395512	53.07	ug/l	0.00
Spiked Amount						
			Recovery	=	106.14%	
35) Dibromofluoromethane	7.59	113	378723	47.82	ug/l	0.00
Spiked Amount						
			Recovery	=	95.64%	
50) Toluene-d8	10.09	98	1366193	46.14	ug/l	0.00
Spiked Amount						
			Recovery	=	92.28%	
62) 4-Bromofluorobenzene	12.40	95	365027	37.10	ug/l	0.00
Spiked Amount						
			Recovery	=	74.20%	

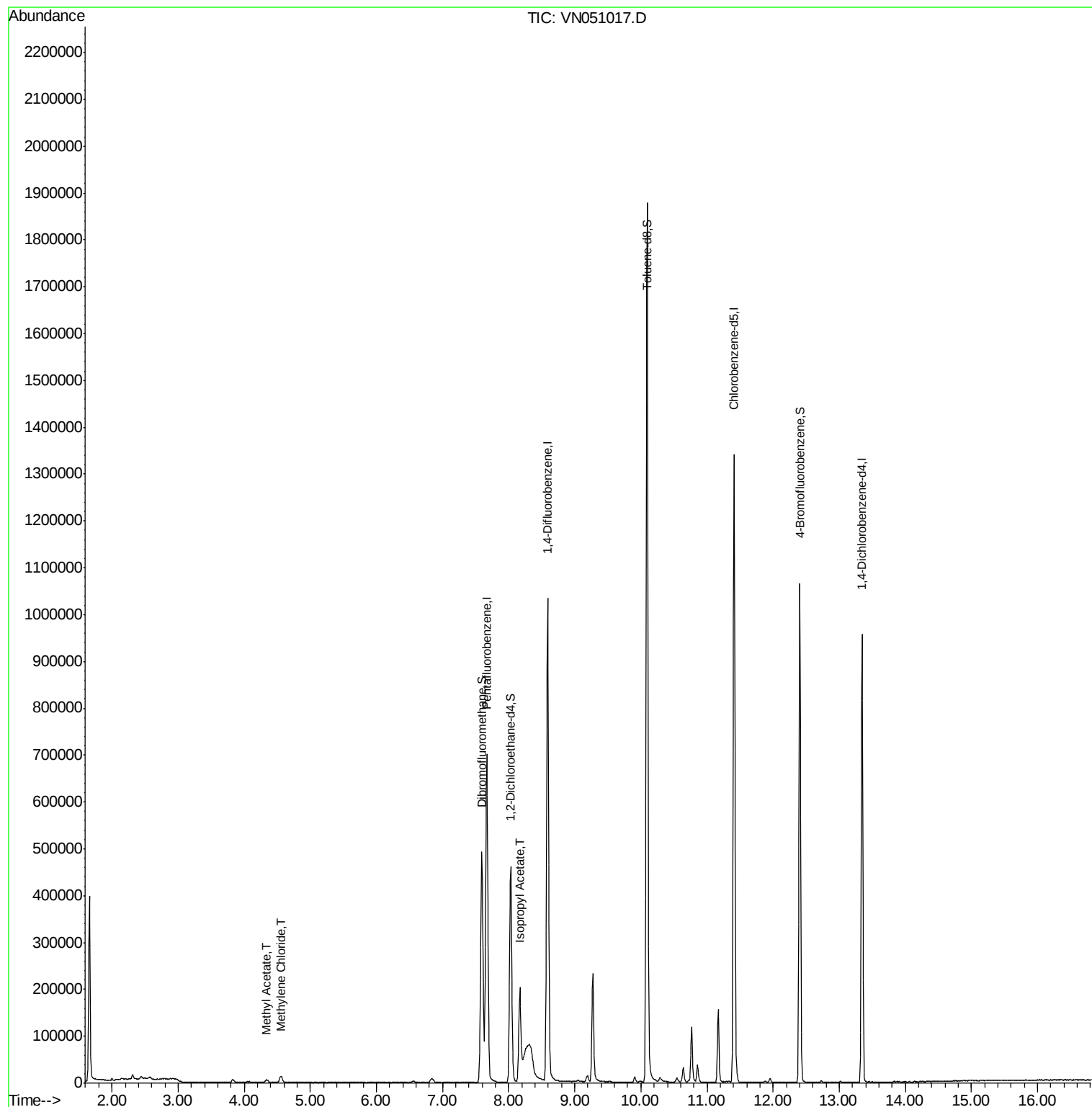
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	11890	1.69	ug/l	# 77
20) Methylene Chloride	4.55	84	11360	1.35	ug/l	90
43) Isopropyl Acetate	8.17	43	245581	21.16	ug/l	97

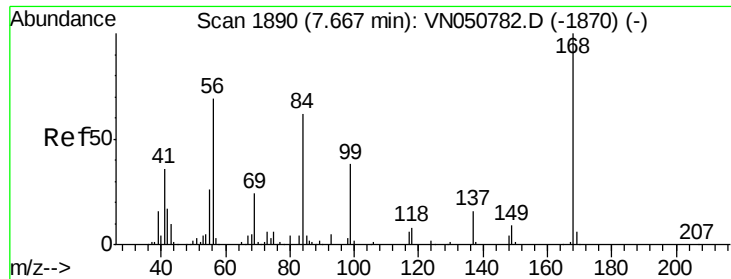
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051017.D

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Instrument :

MSVOA_N

ClientSampleId :

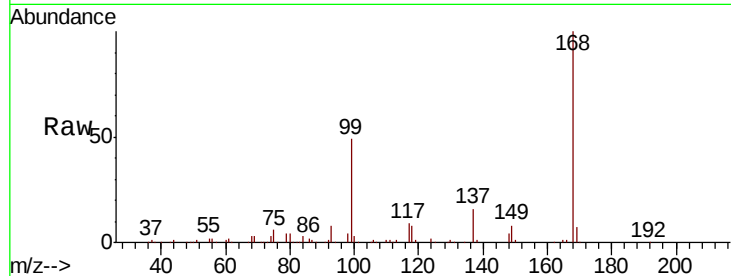
PB112553ZHE#03

Tot Ion:168 Resp: 619048

Ion Ratio Lower Upper

168 100

99 49.1 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

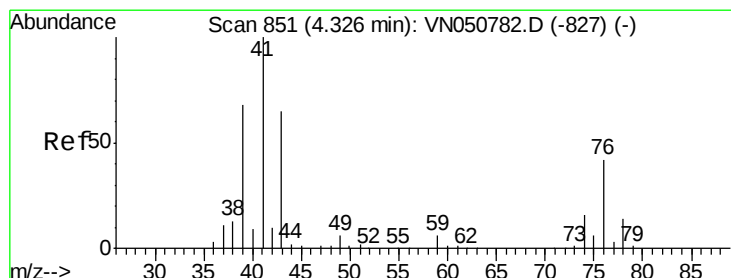
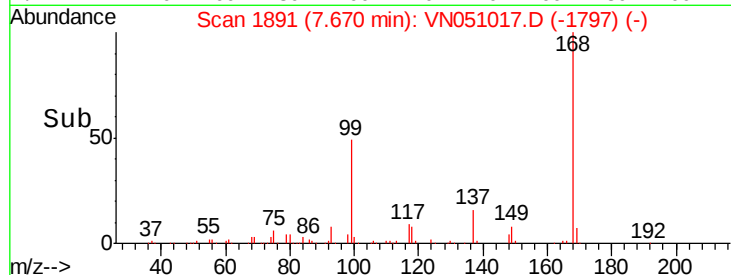
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.69 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN051017.D

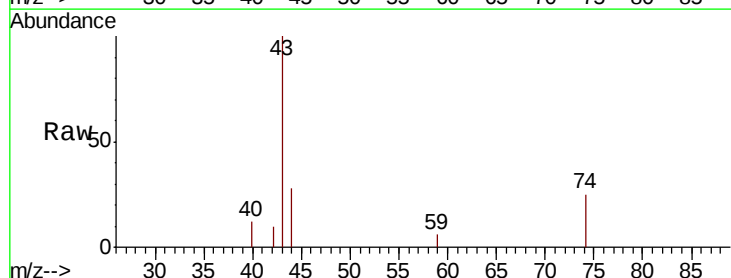
Acq: 4 Sep 2018 14:17

Tgt Ion: 43 Resp: 11890

Ion Ratio Lower Upper

43 100

74 13.4 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

4000

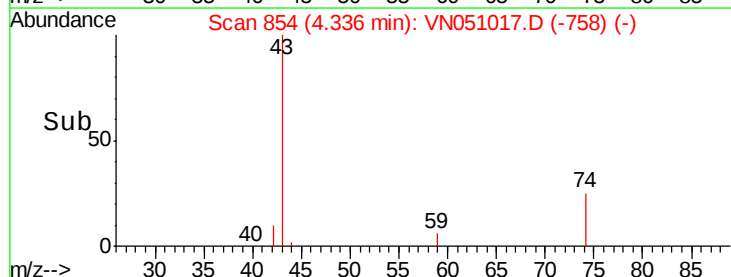
3000

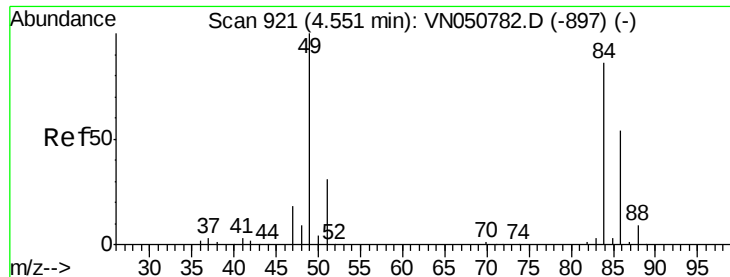
2000

1000

0

Time-->

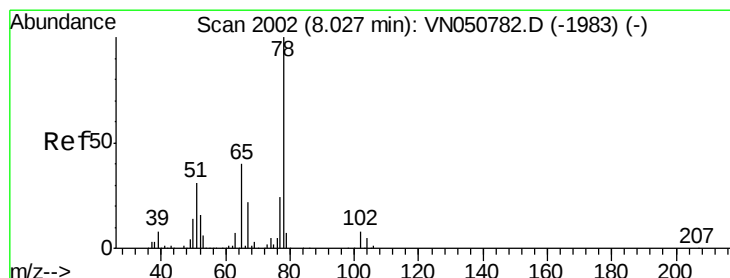
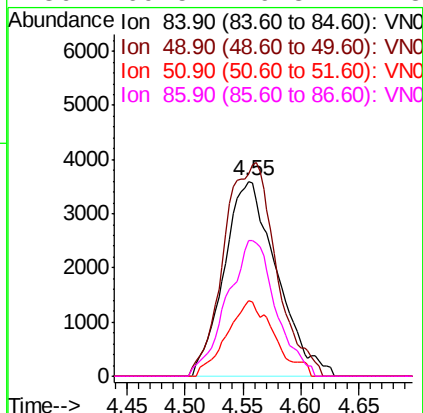
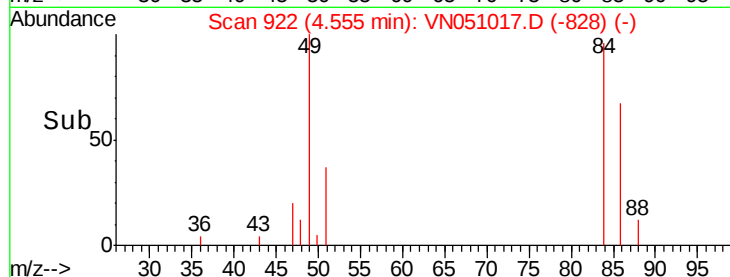
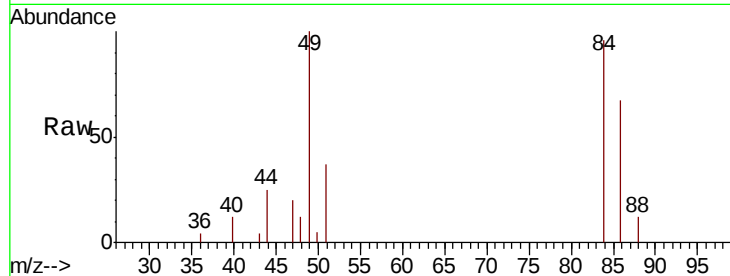




#20
Methvlene Chloride
Concen: 1.35 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN051017.D
Acq: 4 Sep 2018 14:17

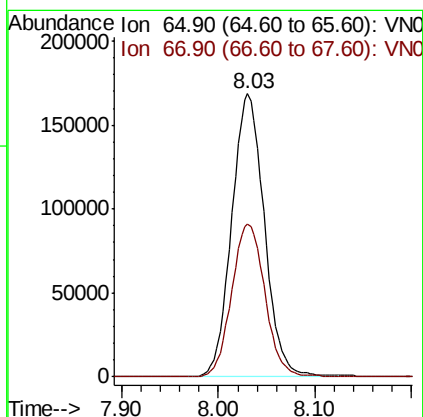
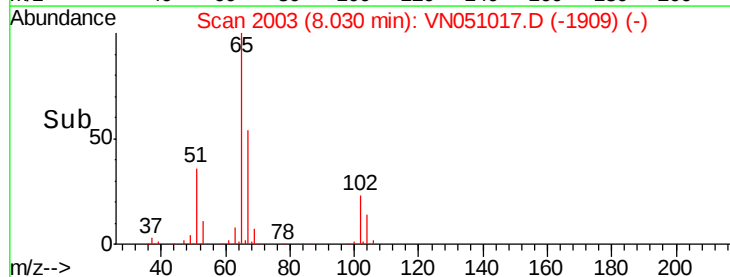
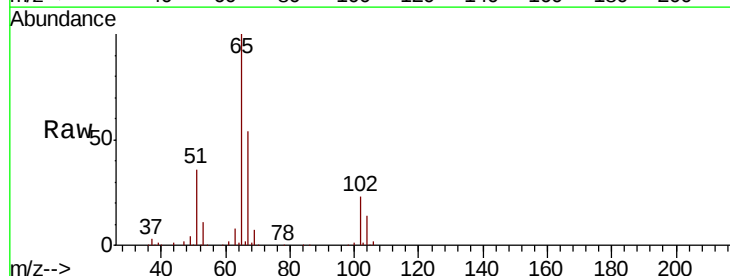
Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#03

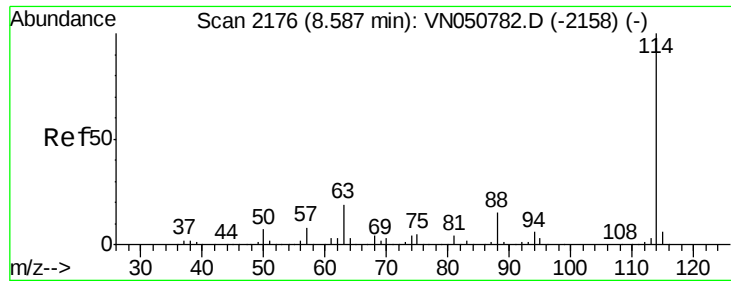
Tot Ion: 84 Resp: 11360
Ion Ratio Lower Upper
84 100
49 103.7 93.2 139.8
51 38.5 29.0 43.6
86 69.5 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 53.07 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN051017.D
Acq: 4 Sep 2018 14:17

Tgt Ion: 65 Resp: 395512
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.4

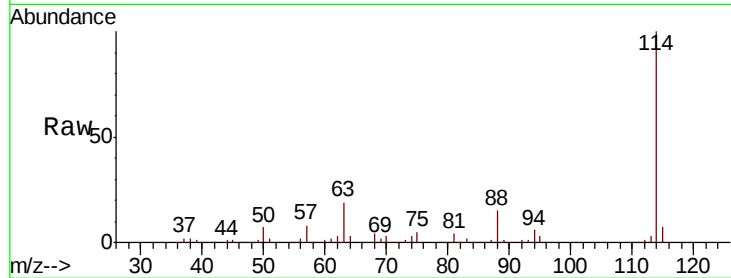




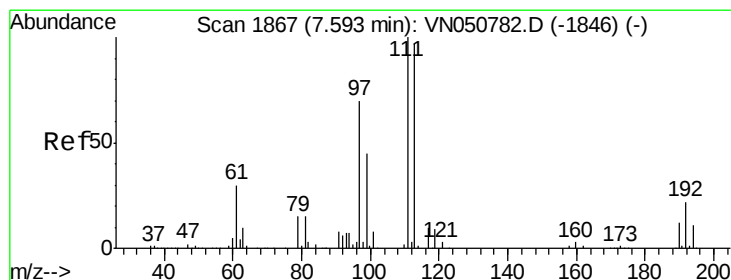
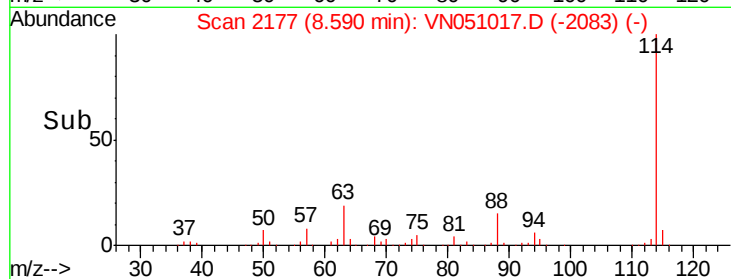
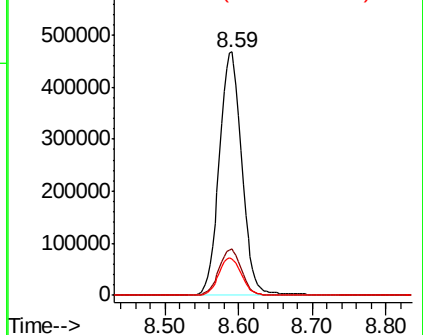
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN051017.D
 Acq: 4 Sep 2018 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112553ZHE#03

Tot Ion:114 Resp: 995580
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.1 0.0 30.6

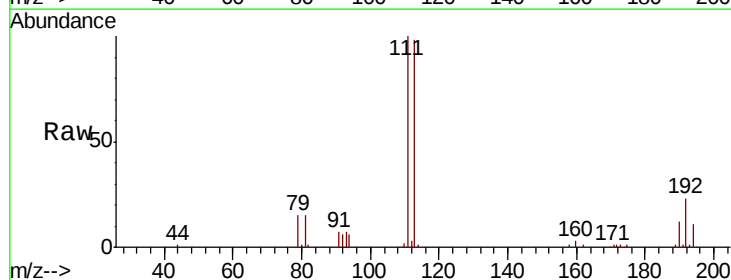


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

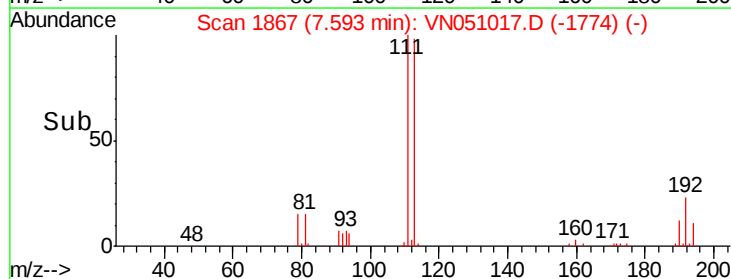
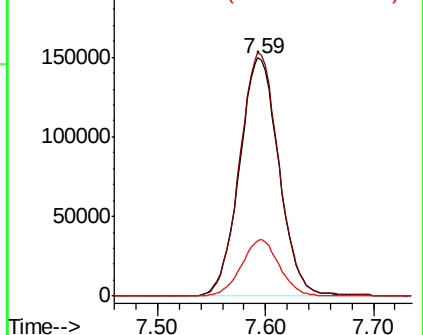


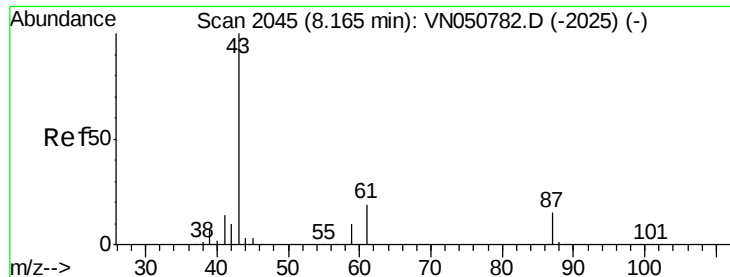
#35
 Dibromofluoromethane
 Concen: 47.82 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN051017.D
 Acq: 4 Sep 2018 14:17

Tgt Ion:113 Resp: 378723
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 123.8
 192 23.0 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: 21.16 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN051017.D

Acq: 4 Sep 2018 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#03

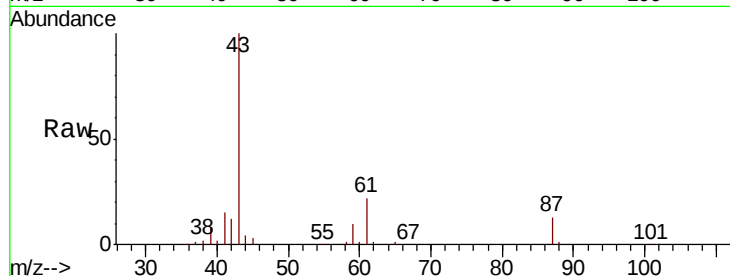
Tot Ion: 43 Resp: 245581

Ion Ratio Lower Upper

43 100

61 20.4 17.5 26.3

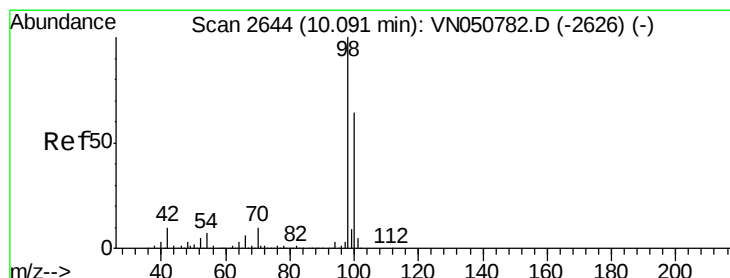
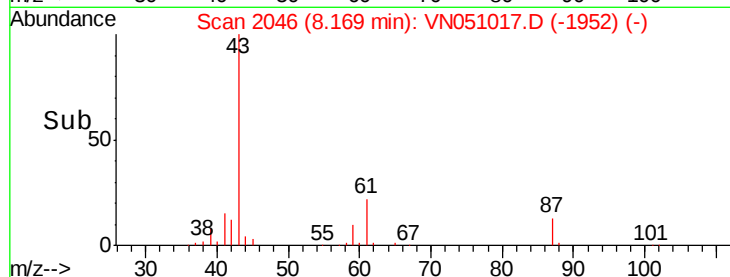
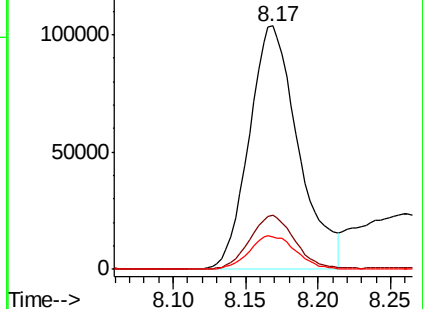
87 12.9 11.3 16.9



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: 46.14 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN051017.D

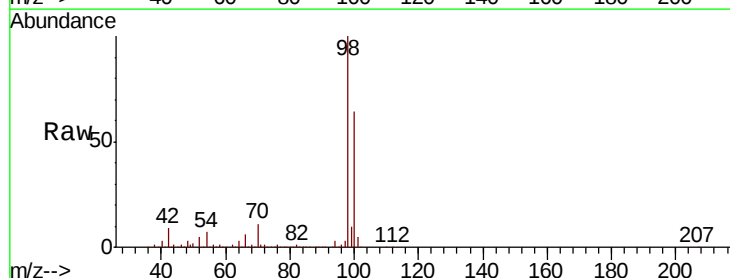
Acq: 4 Sep 2018 14:17

Tgt Ion: 98 Resp: 1366193

Ion Ratio Lower Upper

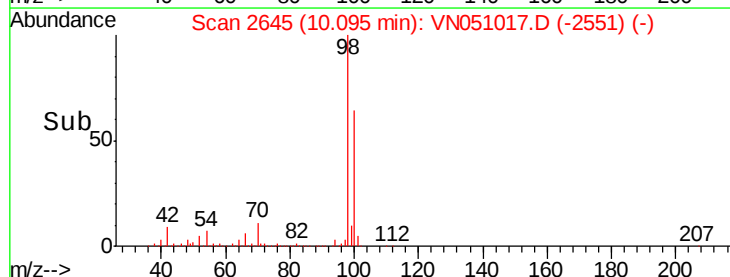
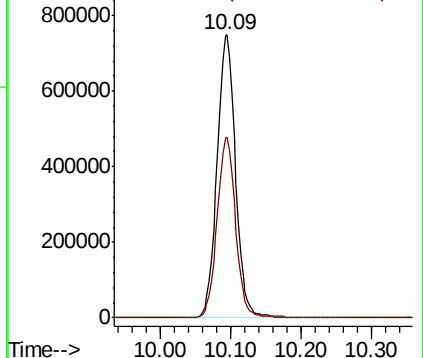
98 100

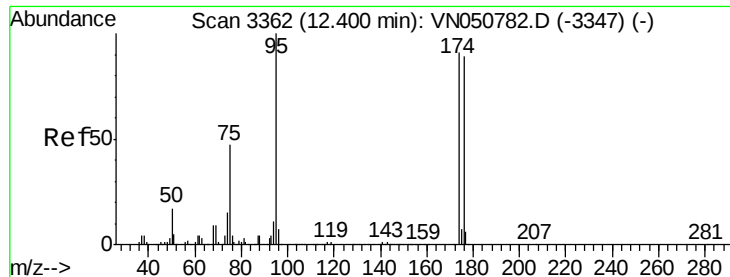
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.10 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN051017.D

Acq: 4 Sep 2018 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#03

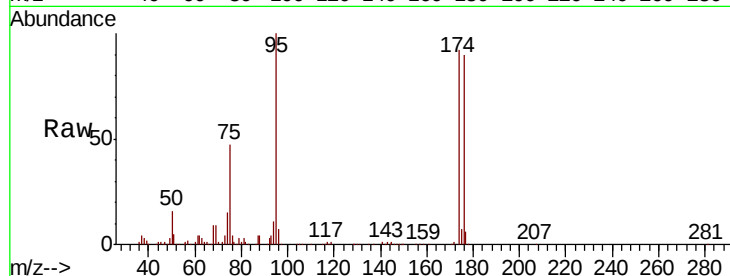
Tot Ion: 95 Resp: 365027

Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.0

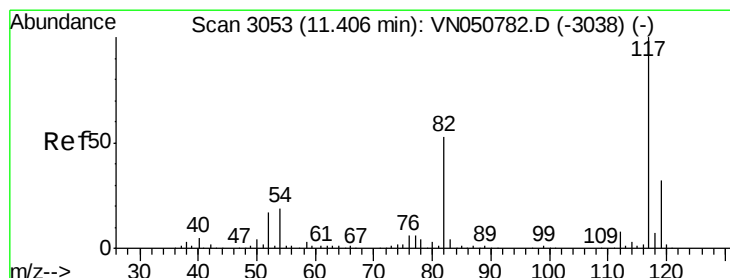
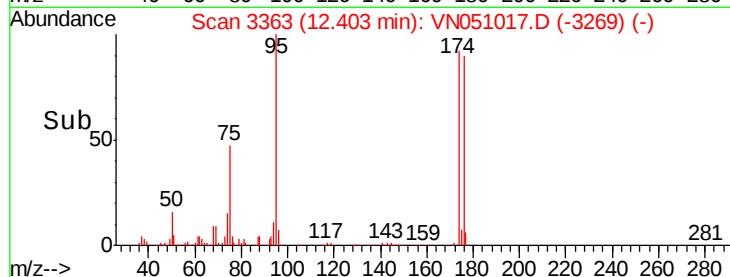
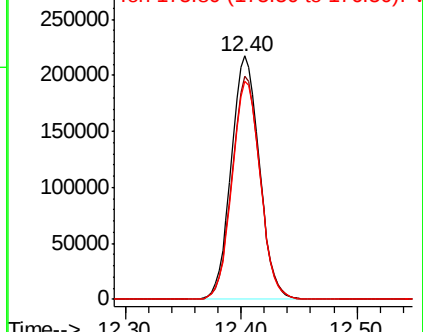
176 89.6 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN051017.D

Acq: 4 Sep 2018 14:17

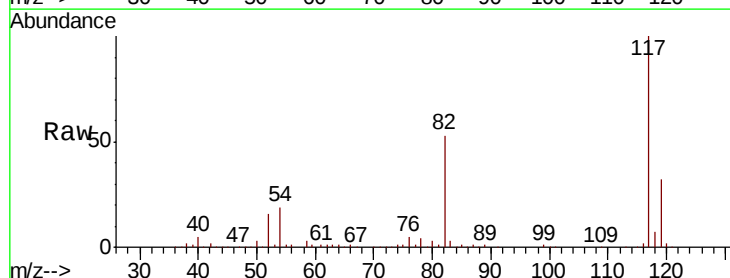
Tgt Ion: 117 Resp: 853974

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

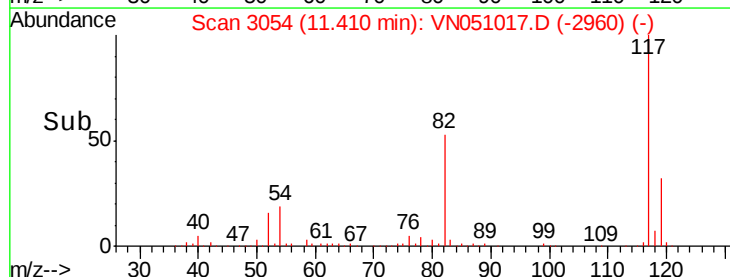
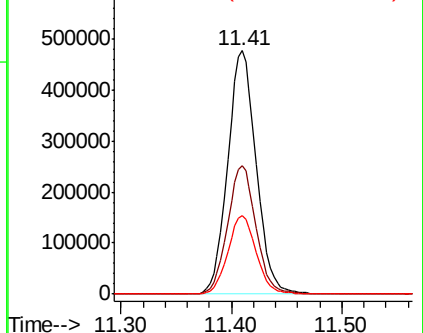
119 32.3 25.8 38.6

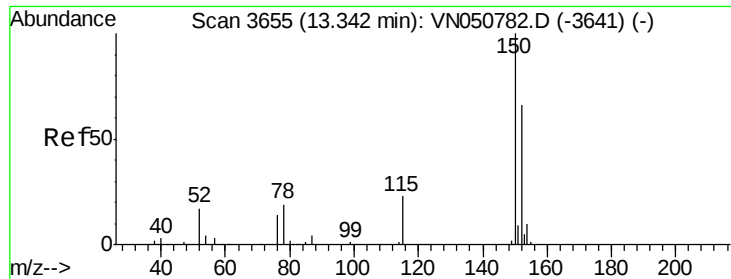


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN051017.D

Acq: 4 Sep 2018 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#03

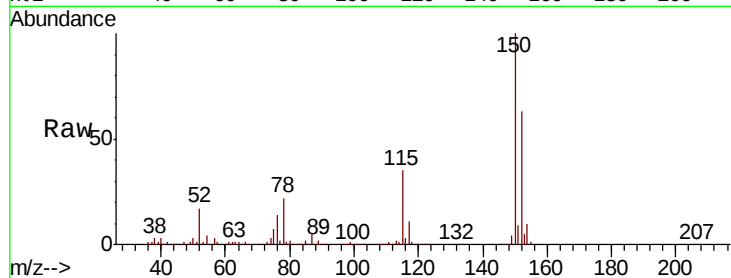
Tot Ion:152 Resp: 276733

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.4

150 157.7 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

