

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050955.D
 Acq On : 30 Aug 2018 12:08
 Operator : MD\SY
 Sample : PB112481TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481TB

Quant Time: Aug 31 03:43:06 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	624743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	989004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	839389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272743	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	398344	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
35) Dibromofluoromethane	7.59	113	377459	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
50) Toluene-d8	10.09	98	1359330	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
62) 4-Bromofluorobenzene	12.40	95	357961	36.62	ug/l	0.00
Spiked Amount			Recovery	=	73.24%	

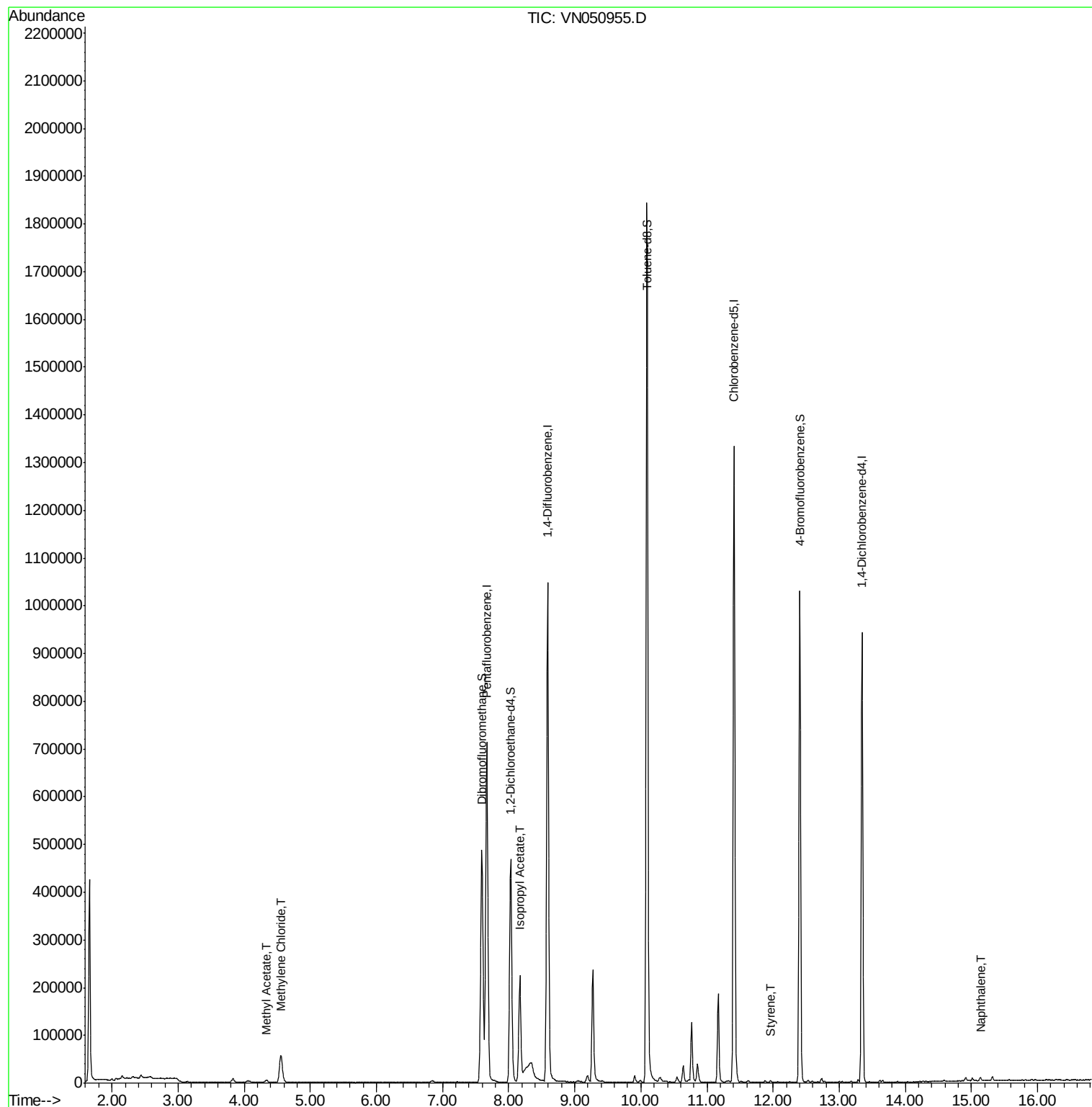
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	10277	1.45	ug/l #	69
20) Methylene Chloride	4.56	84	47667	5.62	ug/l	97
43) Isopropyl Acetate	8.17	43	263698	22.88	ug/l	98
70) Styrene	11.97	104	1269	1.32	ug/l #	85
95) Naphthalene	15.14	128	6721	5.95	ug/l	97

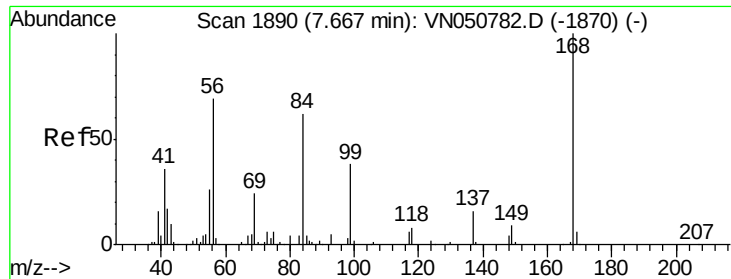
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampleId :

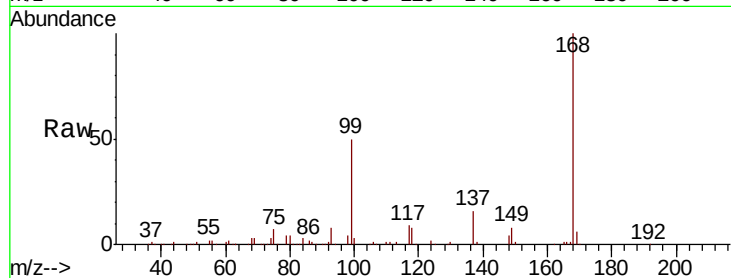
PB112481TB

Tot Ion:168 Resp: 624743

Ion Ratio Lower Upper

168 100

99 49.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050782.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-1870) (-)

7.67

250000

200000

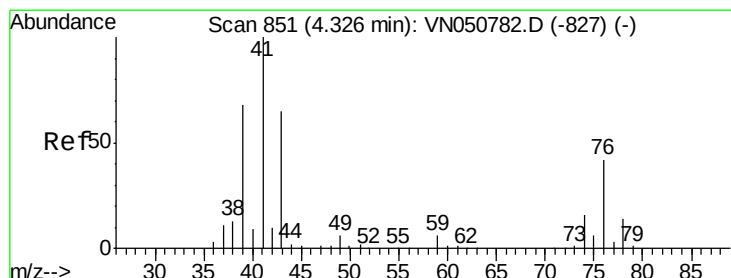
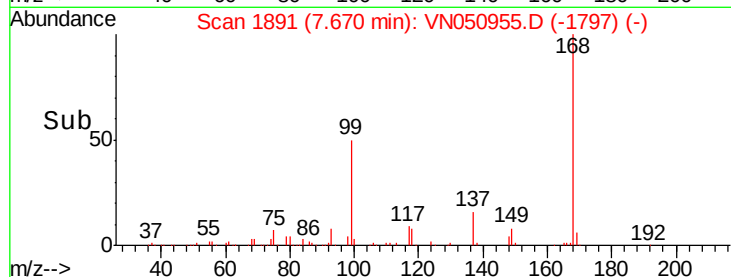
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.45 ug/l

RT: 4.34 min Scan# 856

Delta R.T. 0.02 min

Lab File: VN050955.D

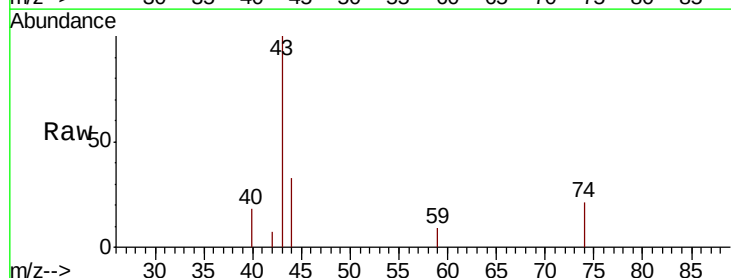
Acq: 30 Aug 2018 12:08

Tgt Ion: 43 Resp: 10277

Ion Ratio Lower Upper

43 100

74 9.1 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-827) (-)

Ion 74.00 (73.70 to 74.70): VN050782.D (-827) (-)

4.34

4000

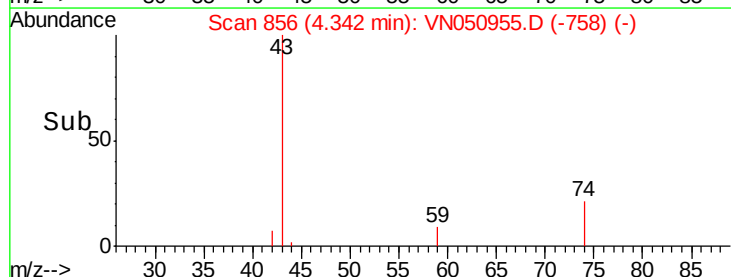
3000

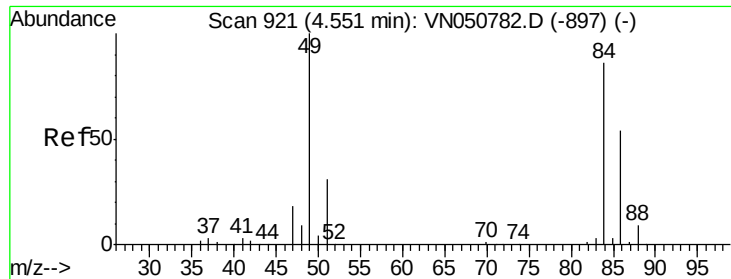
2000

1000

0

Time-->

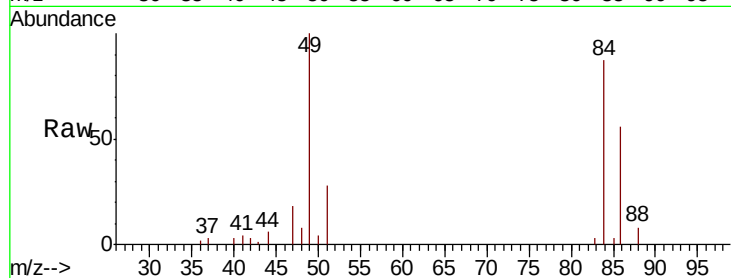




#20
Methylene Chloride
Concen: 5.62 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

Instrument :
MSVOA_N
ClientSampled :
PB112481TB

Tot Ion:	84	Resp:	47667
Ion	Ratio	Lower	Upper
84	100		
49	114.4	93.2	139.8
51	31.8	29.0	43.6
86	63.7	49.8	74.8



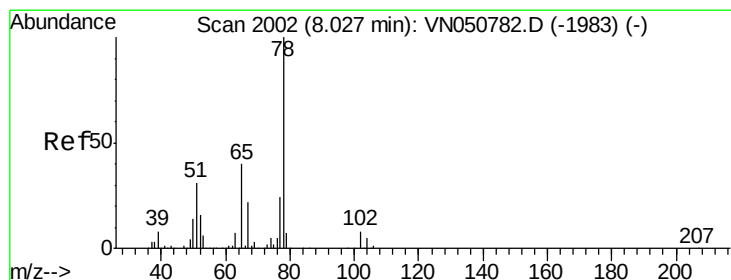
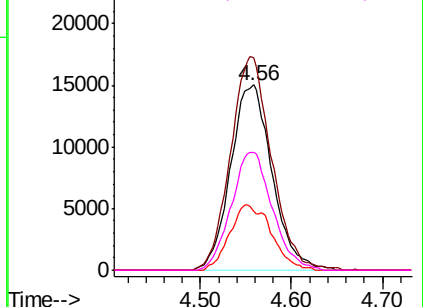
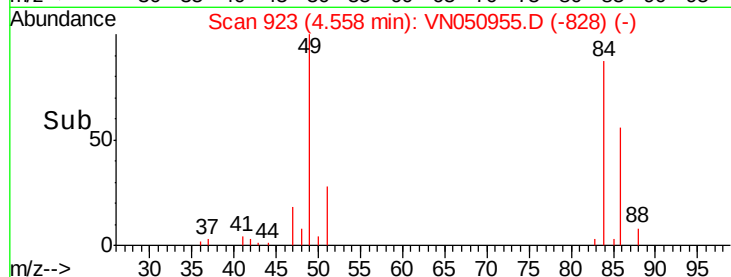
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

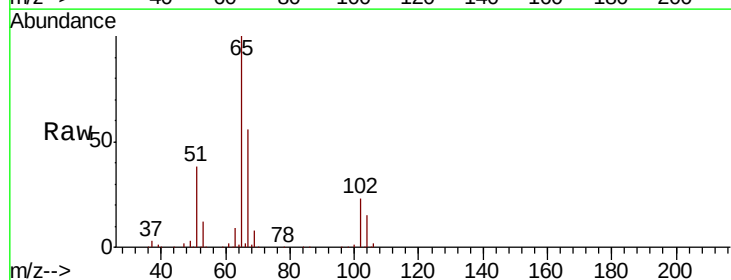
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33
1,2-Dichloroethane-d4
Concen: 52.96 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

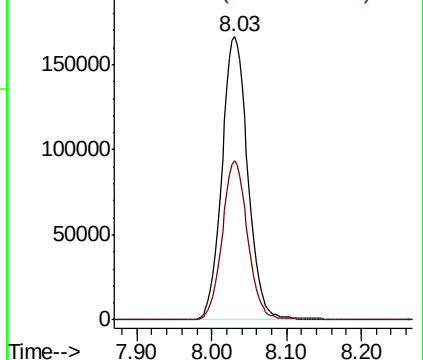
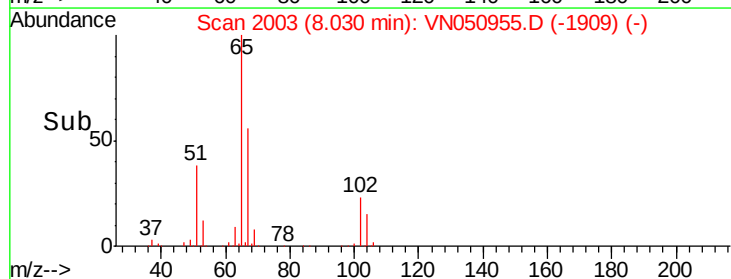
Tgt Ion:	65	Resp:	398344
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	110.4

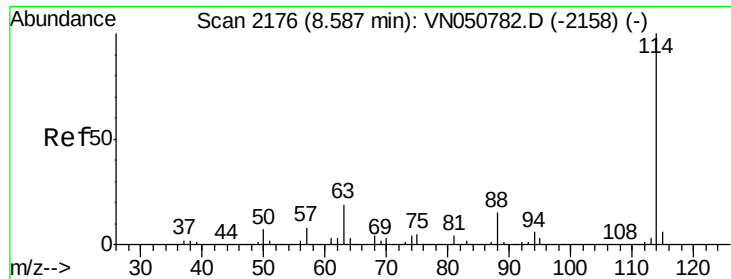


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

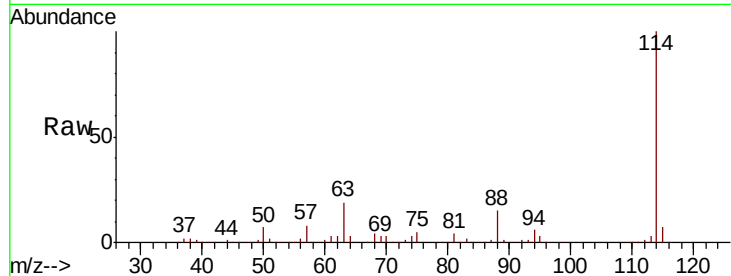




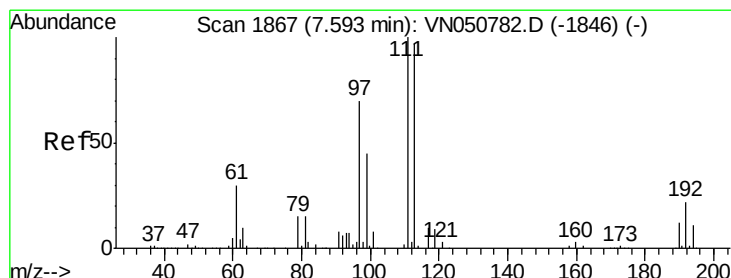
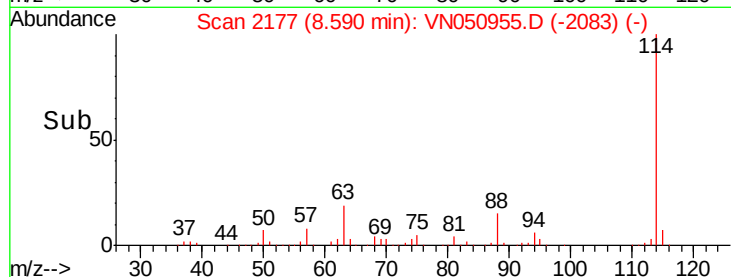
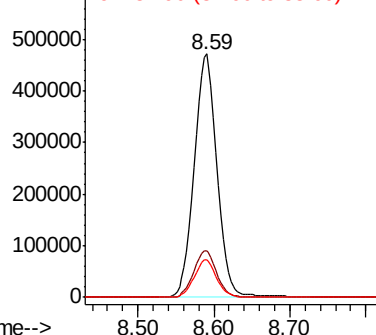
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050955.D
 Acq: 30 Aug 2018 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112481TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	15.5	0.0	30.6

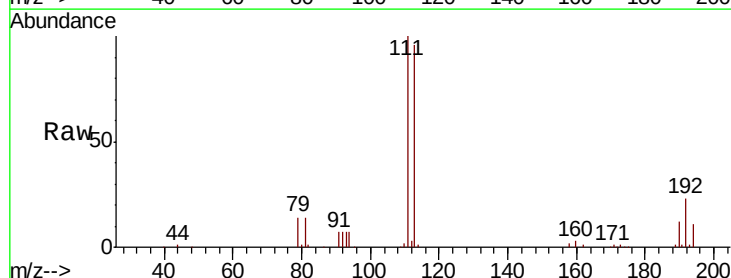


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

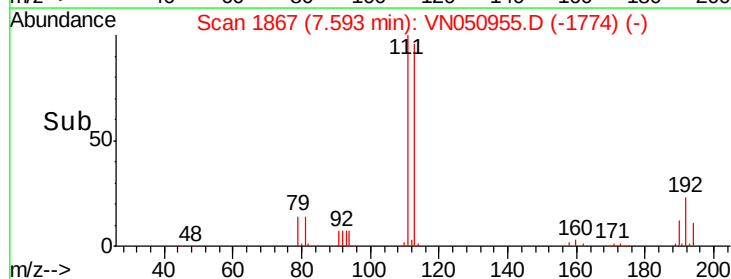
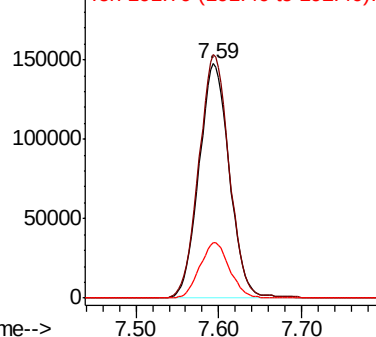


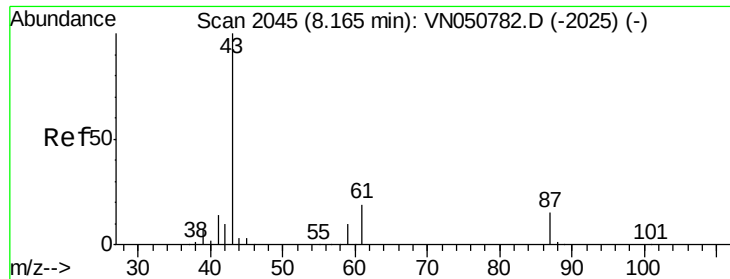
#35
 Dibromofluoromethane
 Concen: 47.97 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050955.D
 Acq: 30 Aug 2018 12:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	123.8
192	23.3	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: 22.88 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampled :

PB112481TB

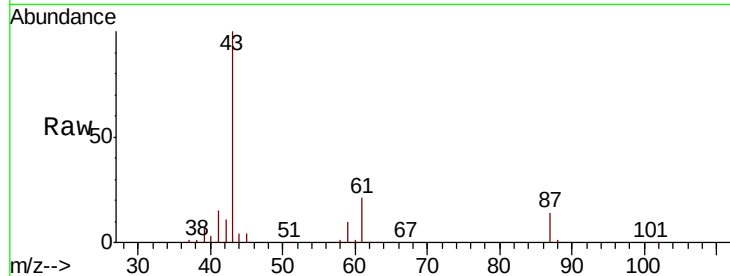
Tot Ion: 43 Resp: 263698

Ion Ratio Lower Upper

43 100

61 20.8 17.5 26.3

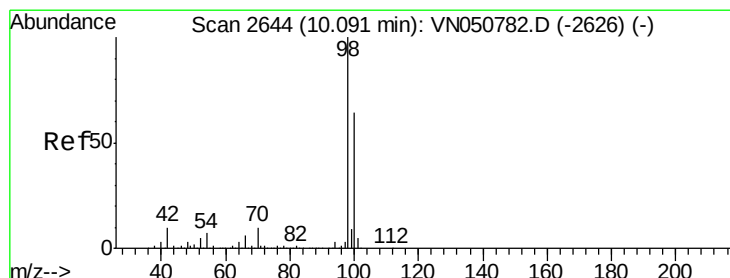
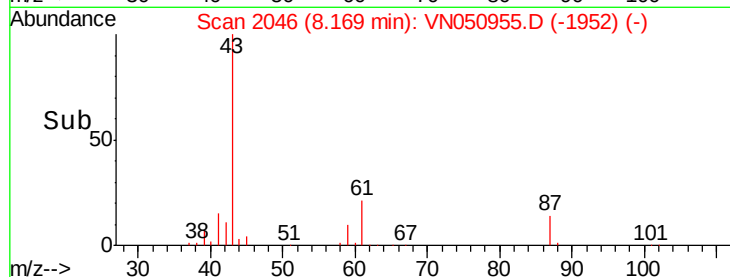
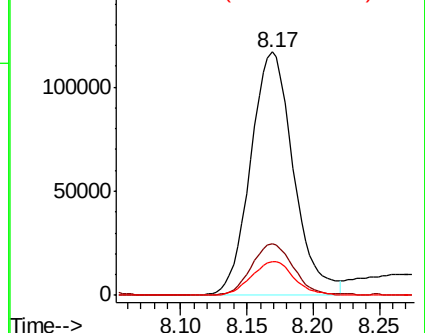
87 13.9 11.3 16.9



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: 46.21 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050955.D

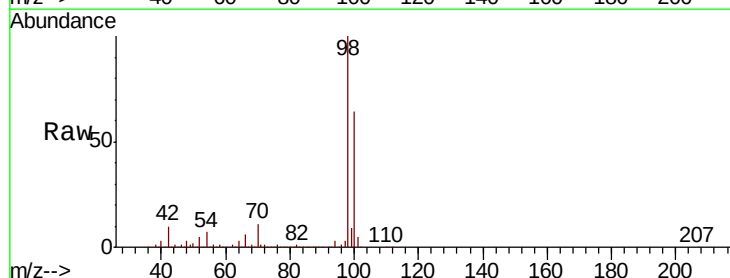
Acq: 30 Aug 2018 12:08

Tgt Ion: 98 Resp: 1359330

Ion Ratio Lower Upper

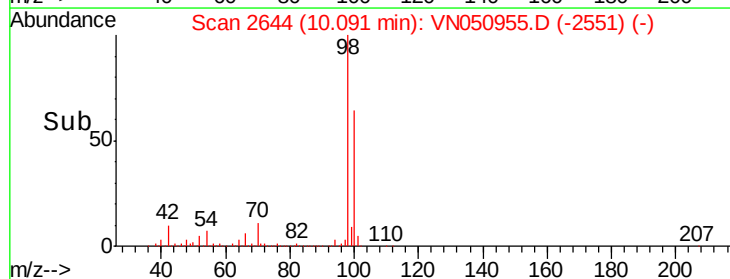
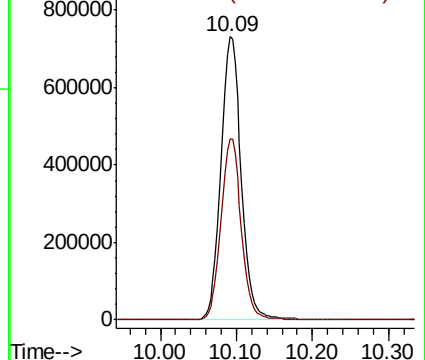
98 100

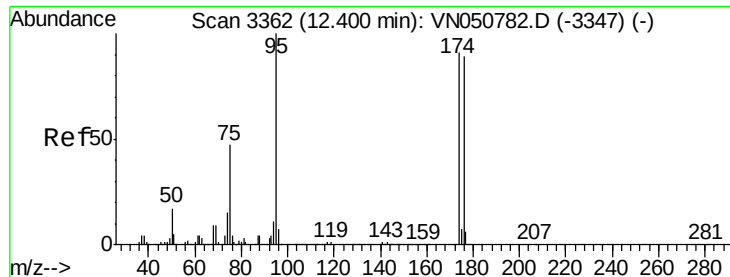
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

Instrument :

MSVOA_N

ClientSampled :

PB112481TB

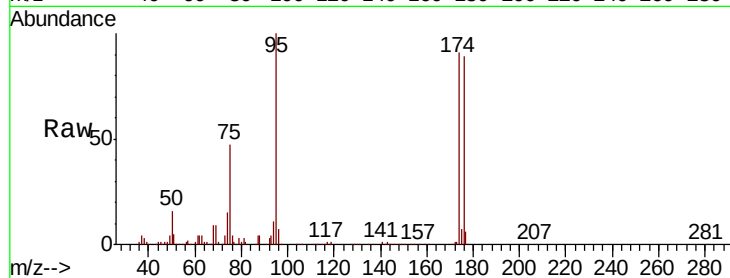
Tot Ion: 95 Resp: 357961

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.0

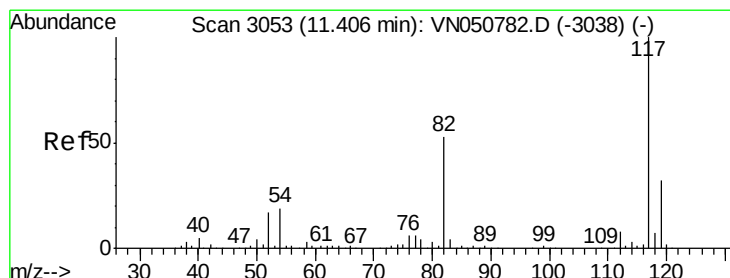
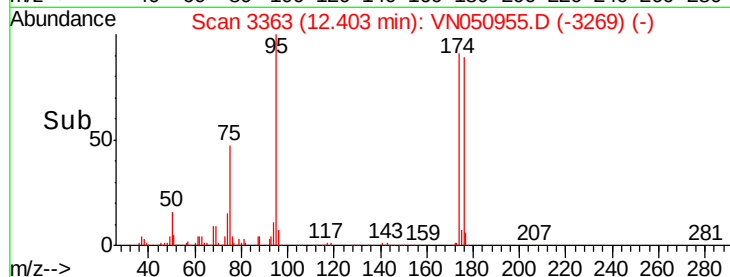
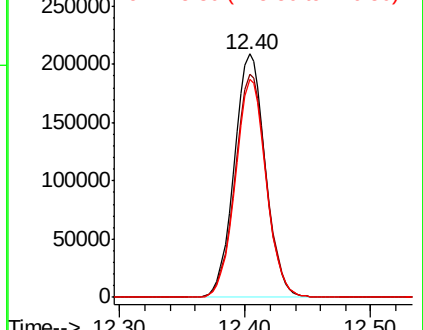
176 88.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050955.D

Acq: 30 Aug 2018 12:08

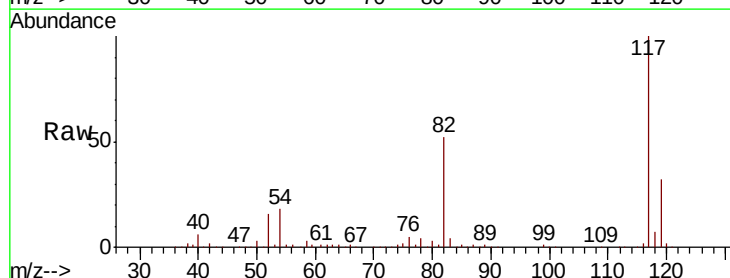
Tgt Ion: 117 Resp: 839389

Ion Ratio Lower Upper

117 100

82 52.2 42.6 64.0

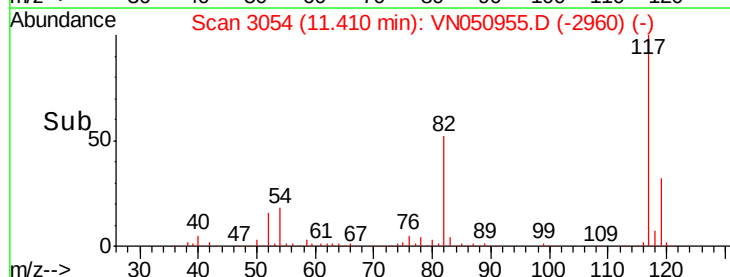
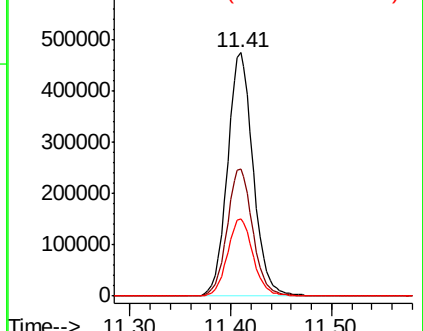
119 31.8 25.8 38.6

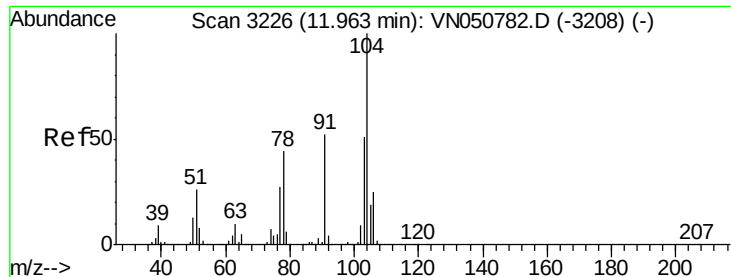


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

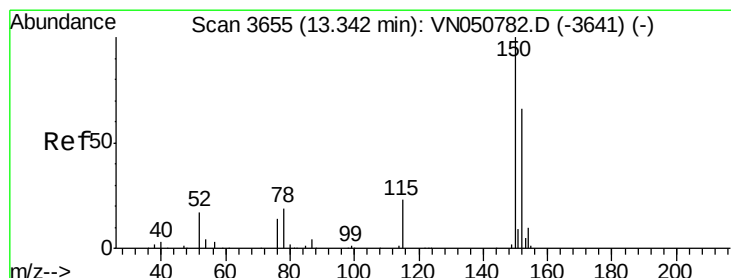
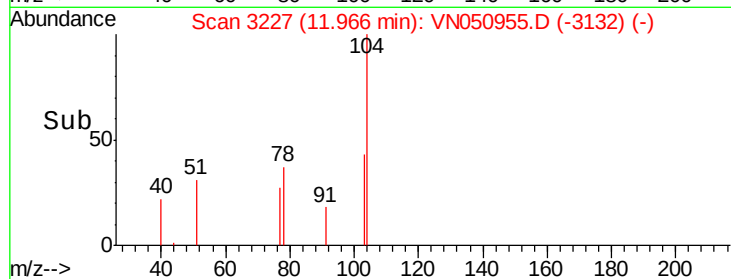
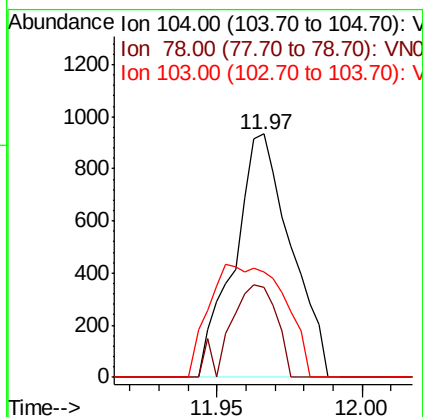
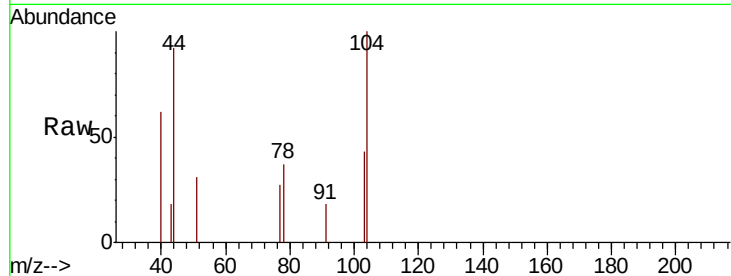




#70
Stvrene
Concen: 1.32 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

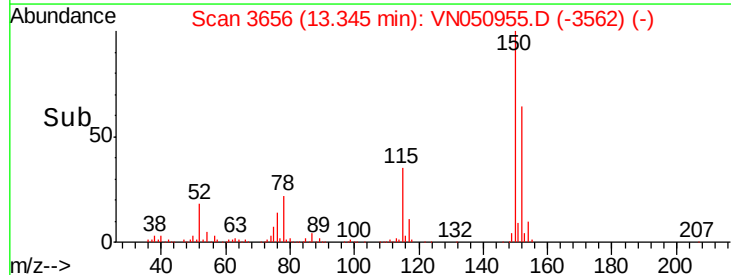
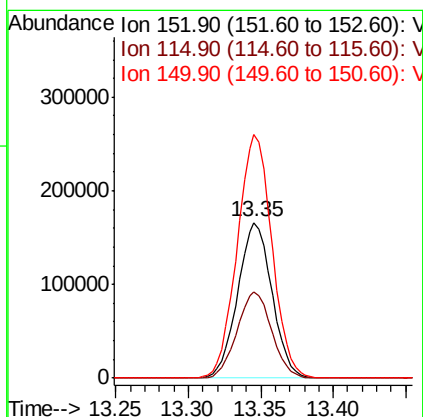
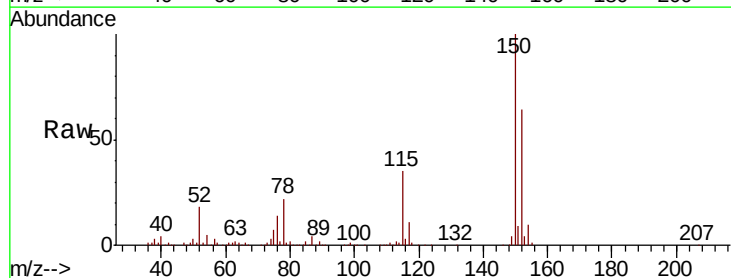
Instrument :
MSVOA_N
ClientSampled :
PB112481TB

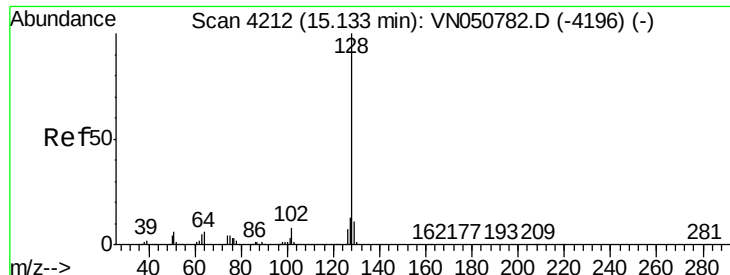
Tot Ion:104 Resp: 1269
Ion Ratio Lower Upper
104 100
78 31.1 38.2 57.4#
103 60.9 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

Tgt Ion:152 Resp: 272743
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 158.2 0.0 351.4





#95
Naphthalene
Concen: 5.95 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.01 min
Lab File: VN050955.D
Acq: 30 Aug 2018 12:08

Instrument :
MSVOA_N
ClientSampleId :
PB112481TB

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.5	15.7
129	9.8	8.7	13.1

