

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050627.D
 Acq On : 15 Aug 2018 2:17
 Operator : MD\SY
 Sample : J4465-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 946-MW-07(22.5)

Quant Time: Aug 15 14:25:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	627482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	989132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296229	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	421658	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
35) Dibromofluoromethane	7.59	113	398877	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.09	98	1406346	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.40	95	372657	37.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.90%	

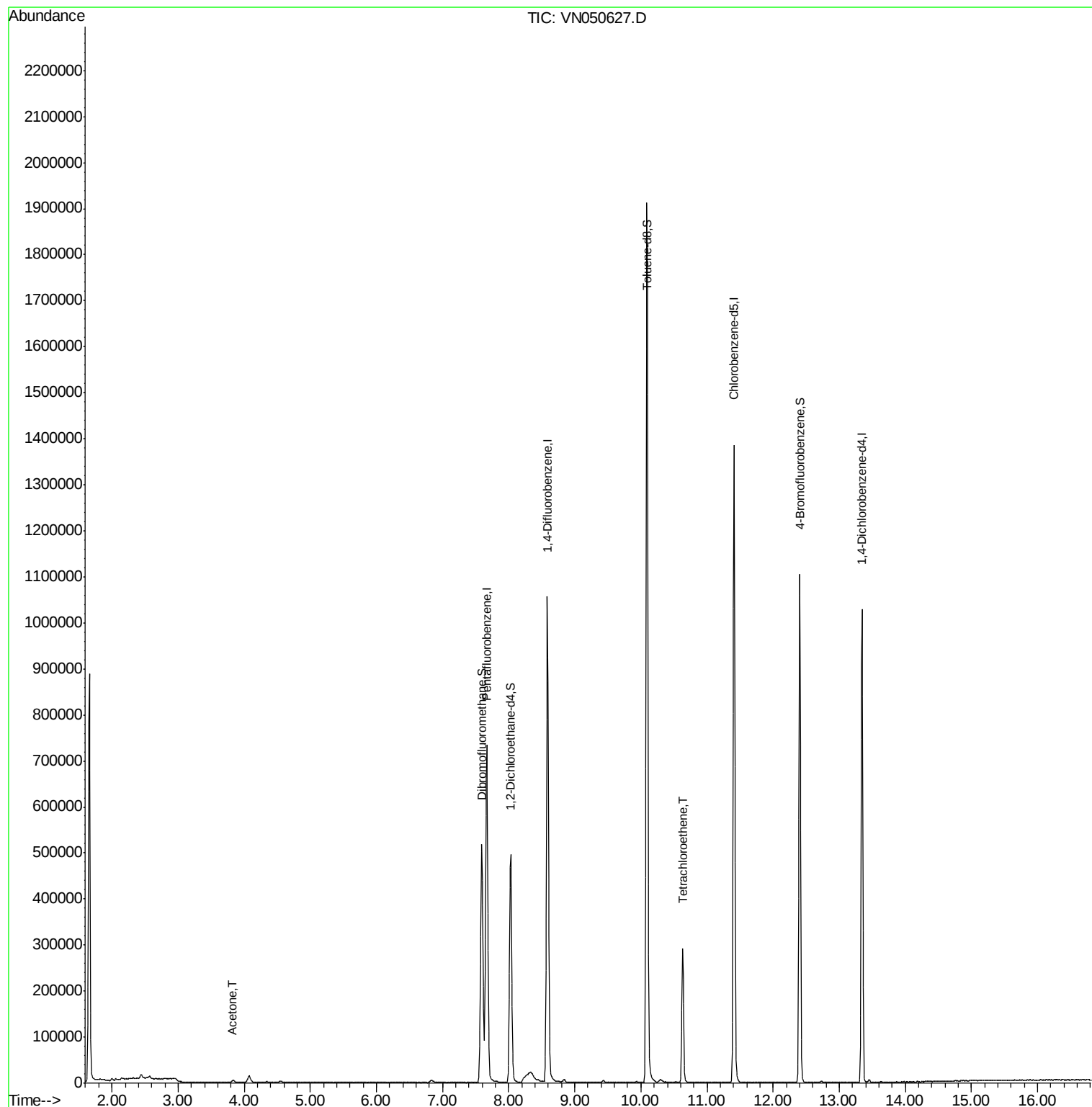
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	8938	3.09	ug/l	98
64) Tetrachloroethene	10.63	164	75458	9.50	ug/l	100

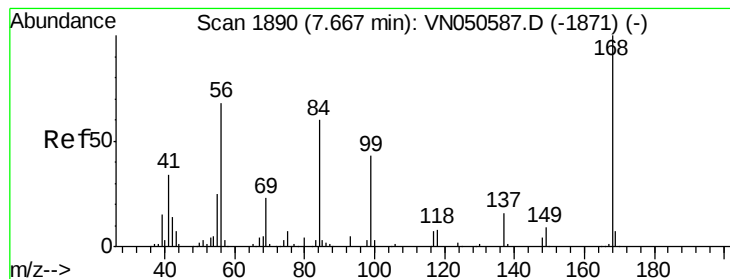
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050627.D

Acq: 15 Aug 2018 2:17

Instrument :

MSVOA_N

ClientSampleId :

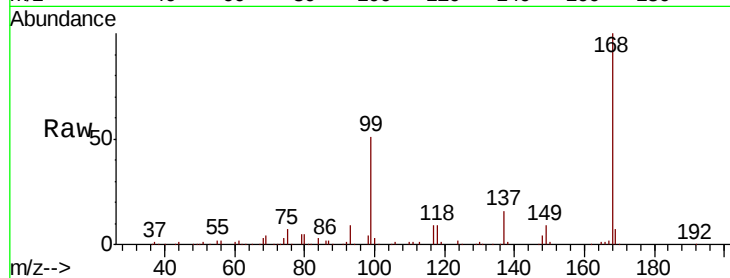
946-MW-07(22.5)

Tot Ion:168 Resp: 627482

Ion Ratio Lower Upper

168 100

99 51.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050627.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050627.D (-1797) (-)

7.67

250000

200000

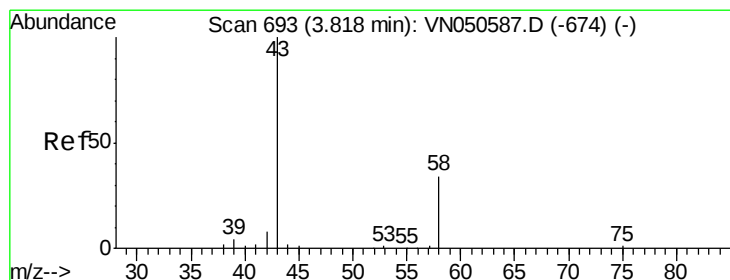
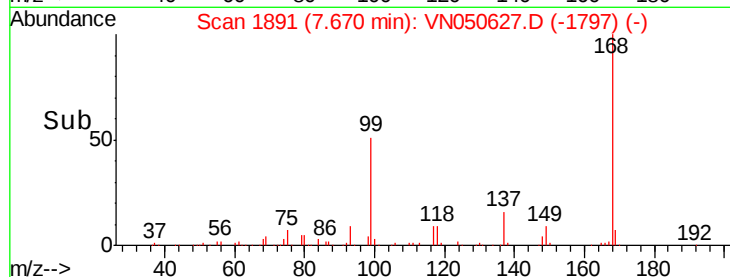
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.09 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050627.D

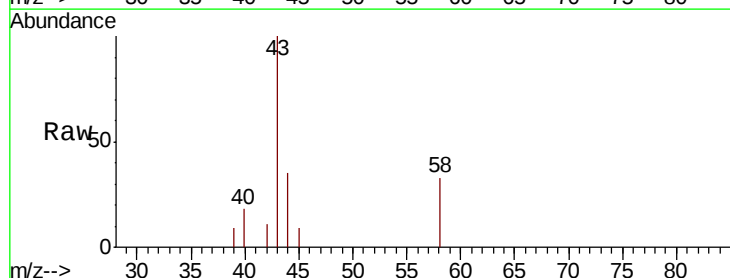
Acq: 15 Aug 2018 2:17

Tgt Ion: 43 Resp: 8938

Ion Ratio Lower Upper

43 100

58 32.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050627.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050627.D (-600) (-)

3.82

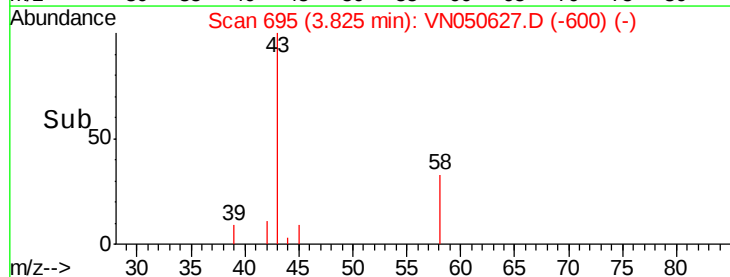
3000

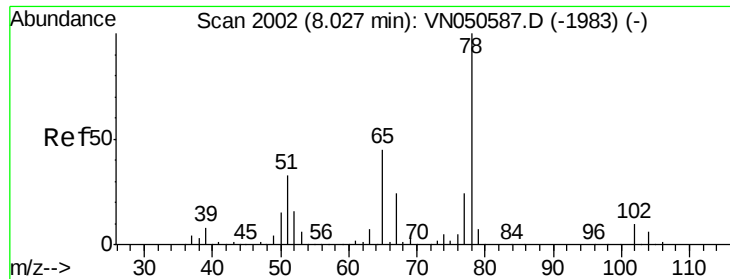
2000

1000

0

Time-->

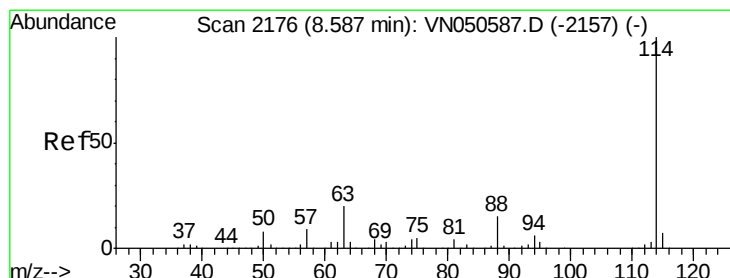
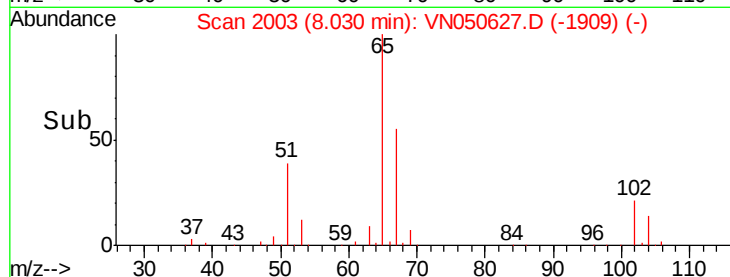
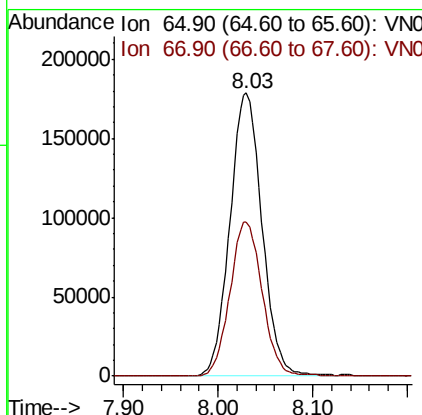
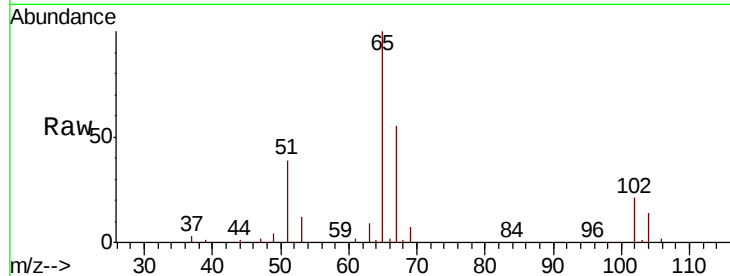




#33
 1,2-Dichloroethane-d4
 Concen: 53.31 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050627.D
 Acq: 15 Aug 2018 2:17

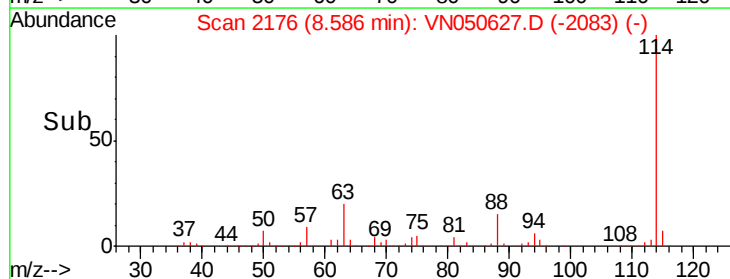
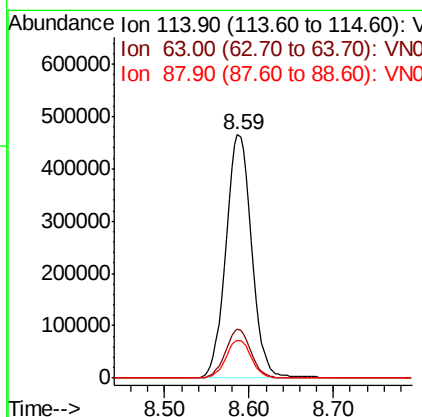
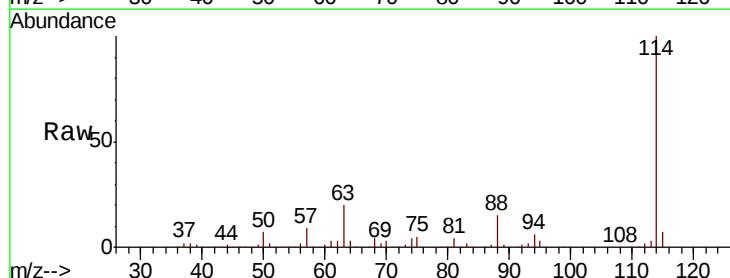
Instrument :
 MSVOA_N
 ClientSampleId :
 946-MW-07(22.5)

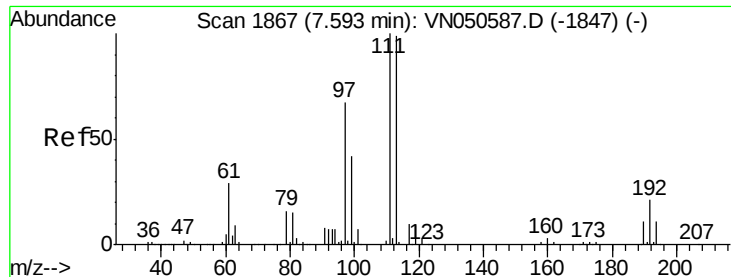
Tot Ion: 65 Resp: 421658
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050627.D
 Acq: 15 Aug 2018 2:17

Tgt Ion: 114 Resp: 989132
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.4 0.0 30.8

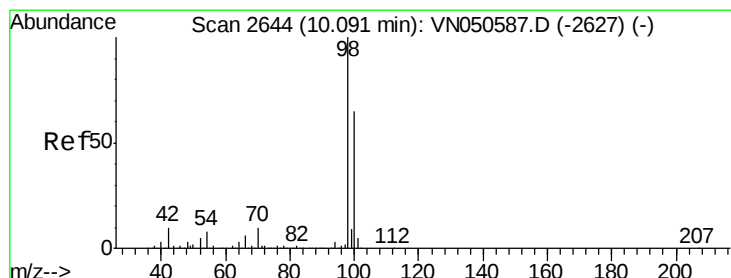
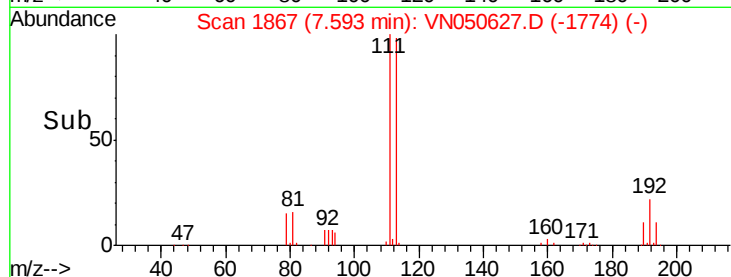
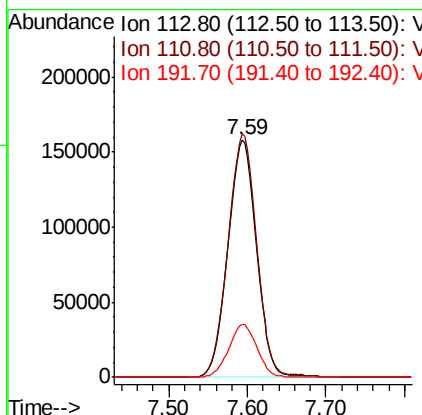
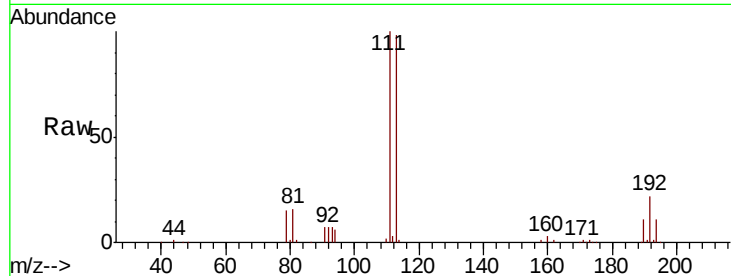




#35
Dibromofluoromethane
Concen: 50.51 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050627.D
Acq: 15 Aug 2018 2:17

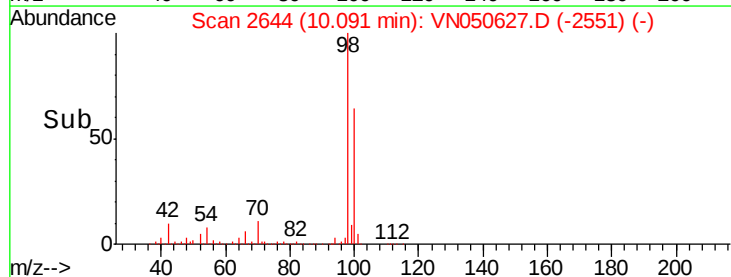
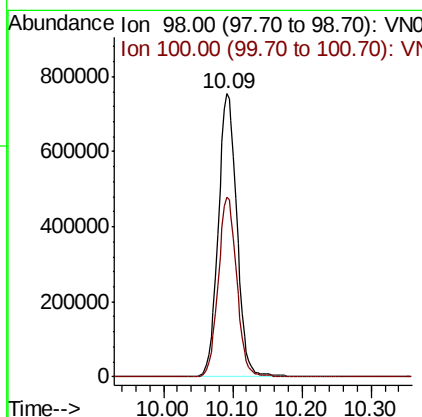
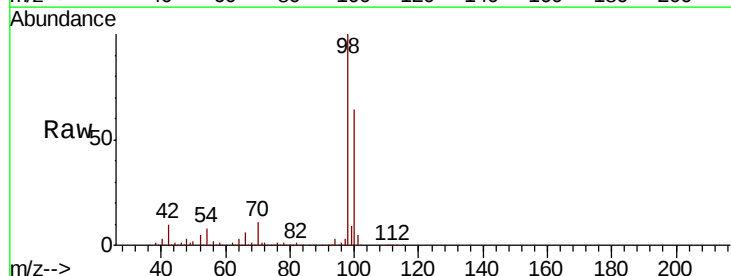
Instrument :
MSVOA_N
ClientSampleId :
946-MW-07(22.5)

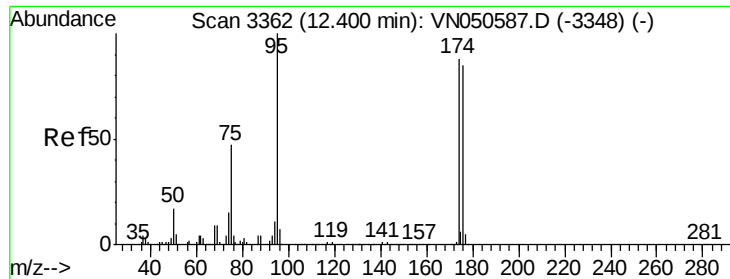
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.6
192	22.1	17.6	26.4



#50
Toluene-d8
Concen: 47.32 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050627.D
Acq: 15 Aug 2018 2:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.8	77.8





#62

4-Bromofluorobenzene

Concen: 37.95 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050627.D

Acq: 15 Aug 2018 2:17

Instrument :

MSVOA_N

ClientSampleId :

946-MW-07(22.5)

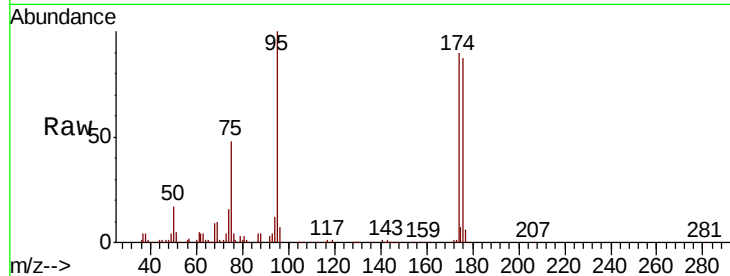
Tot Ion: 95 Resp: 372657

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.8

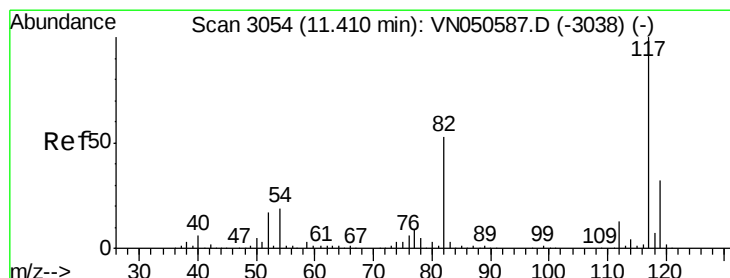
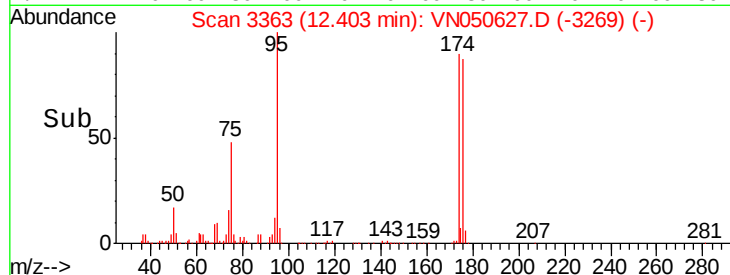
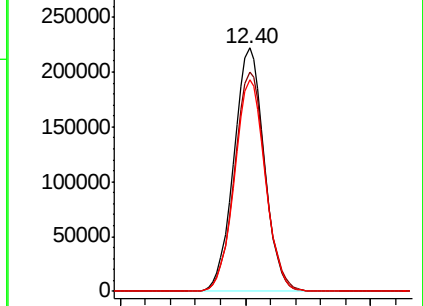
176 88.0 0.0 175.0



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: VN050627.D

Acq: 15 Aug 2018 2:17

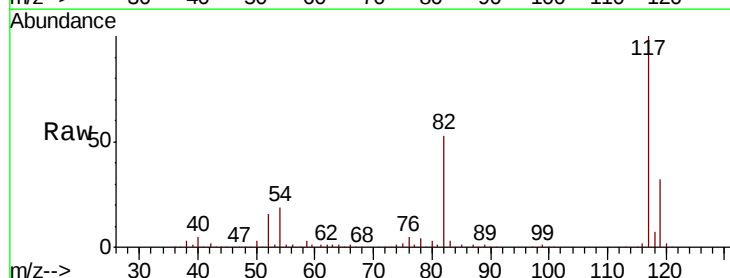
Tgt Ion: 117 Resp: 855740

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

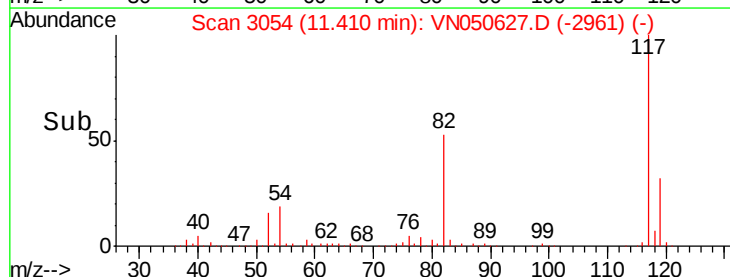
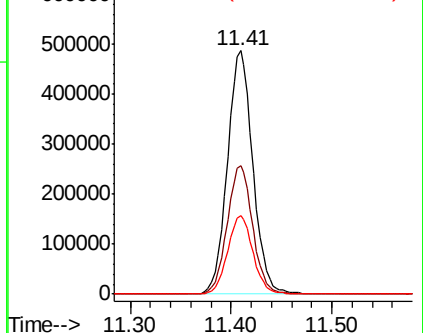
119 32.1 25.8 38.8

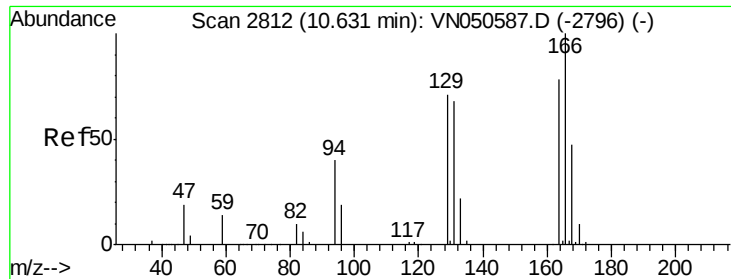


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 9.50 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN050627.D

Acq: 15 Aug 2018 2:17

Instrument :

MSVOA_N

ClientSampleId :

946-MW-07(22.5)

Tot Ion:164 Resp: 75458

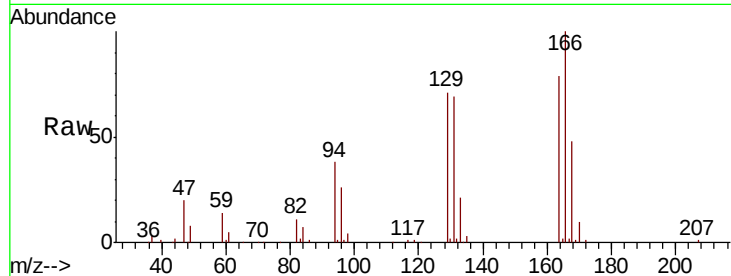
Ion Ratio Lower Upper

164 100

166 127.2 102.1 153.1

129 90.4 72.7 109.1

131 87.4 69.9 104.9

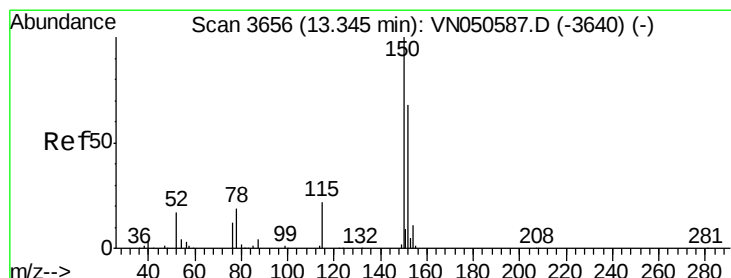
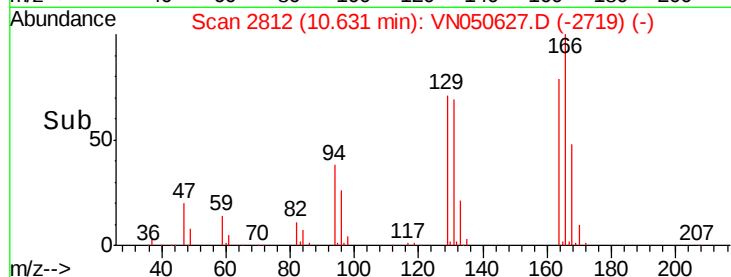
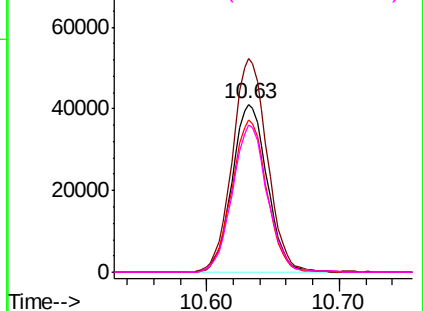


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050627.D

Acq: 15 Aug 2018 2:17

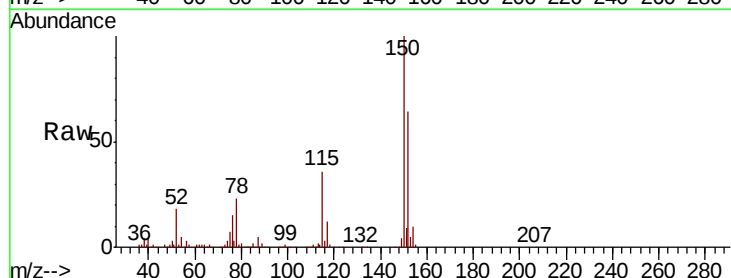
Tgt Ion:152 Resp: 296229

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 157.0 0.0 347.8



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

