

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050656.D
 Acq On : 15 Aug 2018 15:38
 Operator : MD\SY
 Sample : J4465-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 948-MW-15(17)

Quant Time: Aug 16 13:44:49 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	616259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	955679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	823004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278997	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	411861	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
35) Dibromofluoromethane	7.59	113	387627	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
50) Toluene-d8	10.09	98	1361030	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	12.40	95	357276	37.66	ug/l	0.00
Spiked Amount			Recovery	=	75.32%	

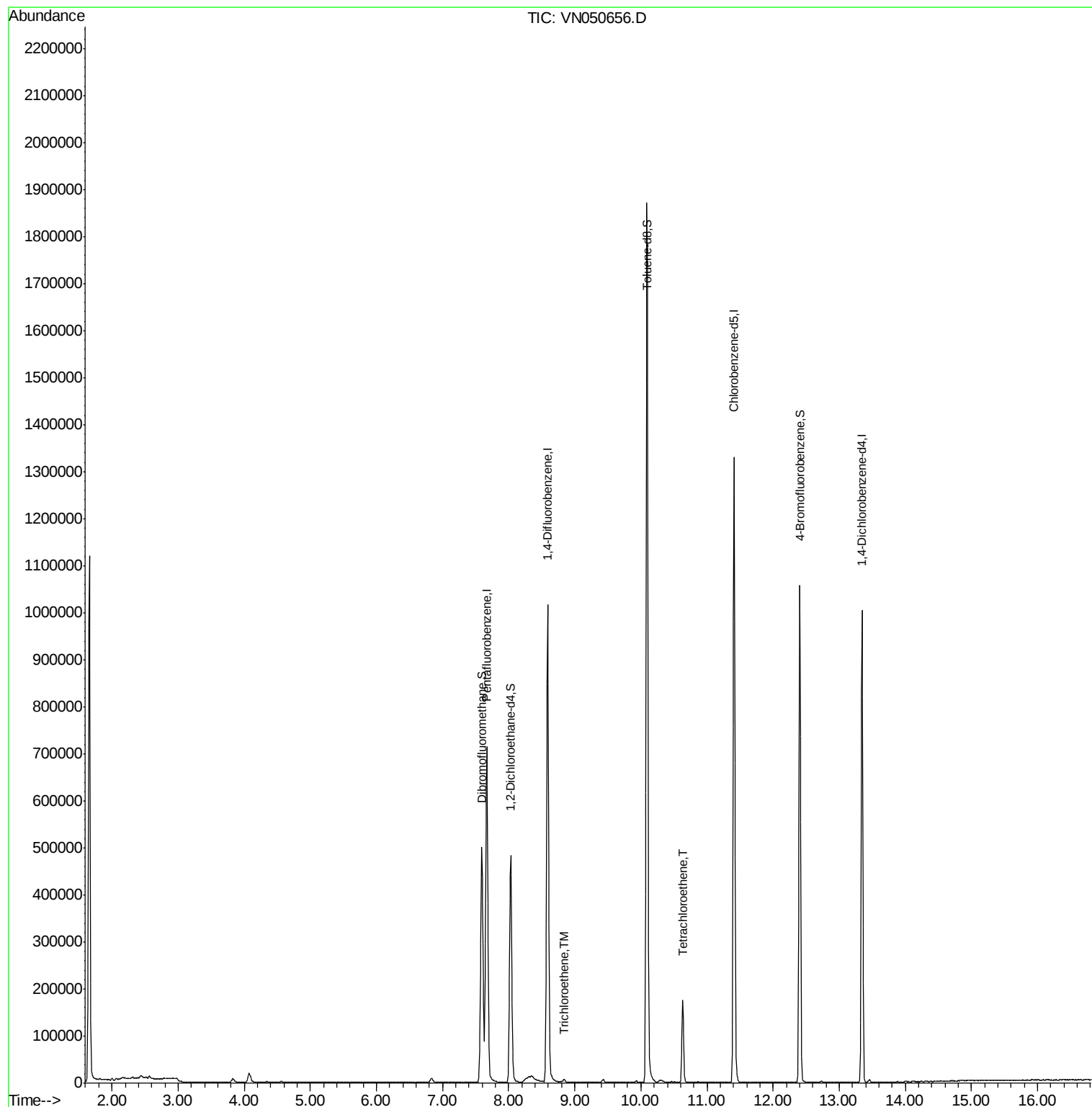
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	8.84	130	2516	0.29	ug/l	97
64) Tetrachloroethene	10.63	164	42991	5.62	ug/l	93

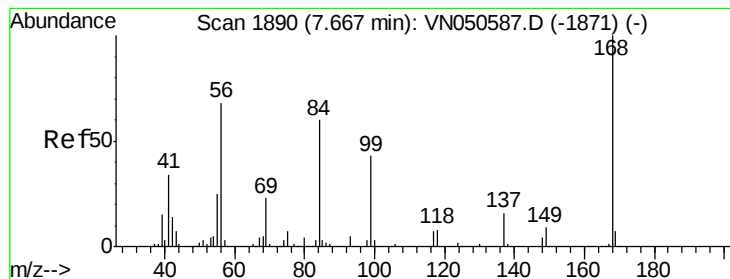
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050656.D

Acq: 15 Aug 2018 15:38

Instrument :

MSVOA_N

ClientSampleId :

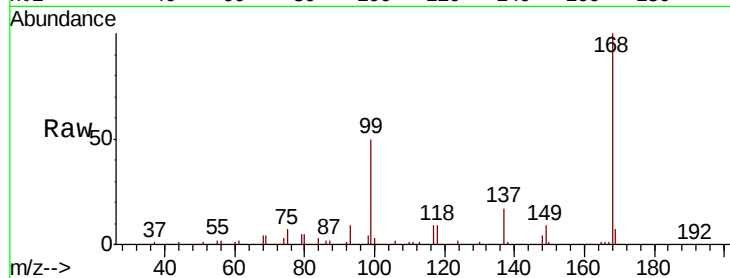
948-MW-15(17)

Tot Ion:168 Resp: 616259

Ion Ratio Lower Upper

168 100

99 50.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

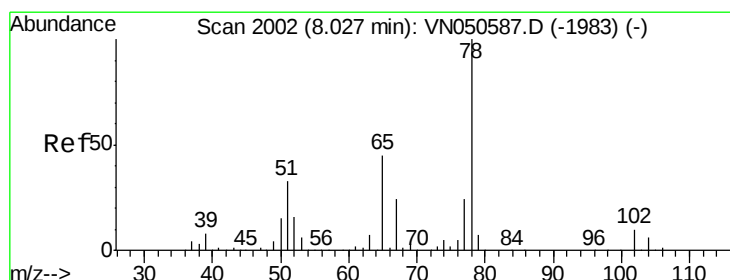
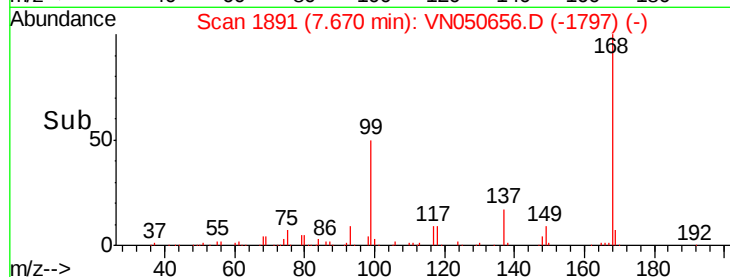
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.02 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050656.D

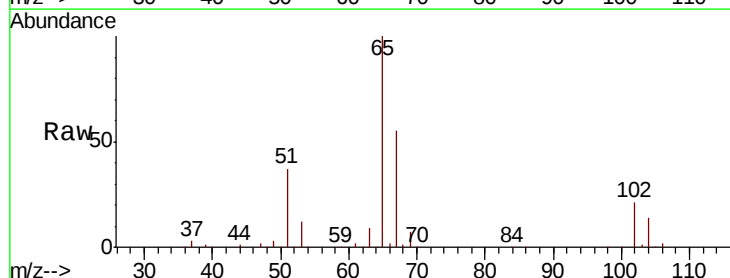
Acq: 15 Aug 2018 15:38

Tgt Ion: 65 Resp: 411861

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

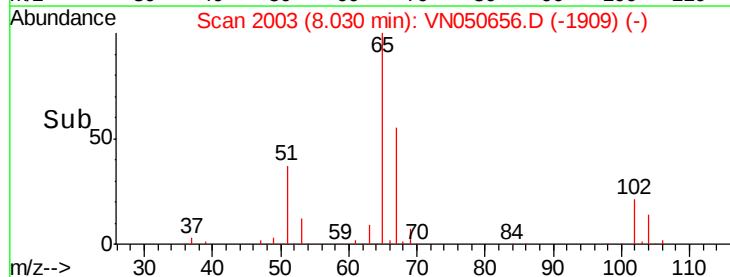
150000

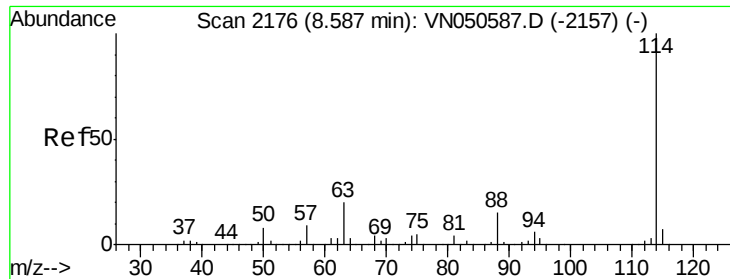
100000

50000

0

Time-->

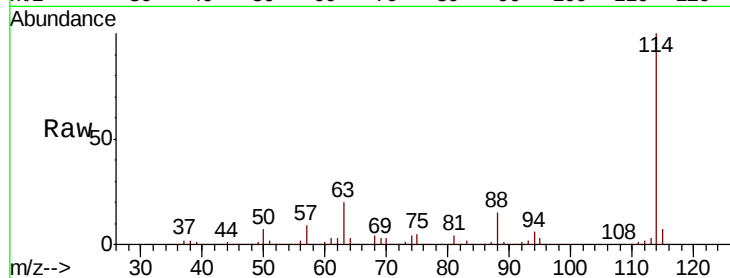




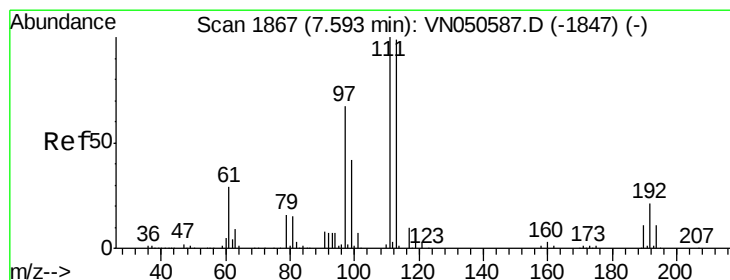
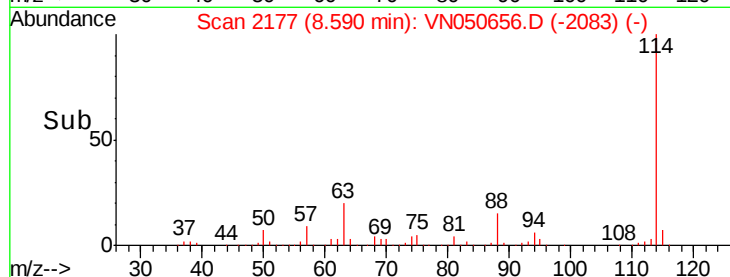
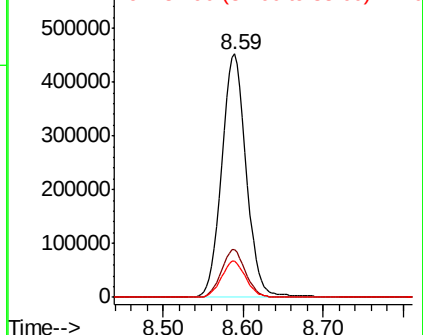
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050656.D
 Acq: 15 Aug 2018 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 948-MW-15(17)

Tot Ion:114 Resp: 955679
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 14.7 0.0 30.8

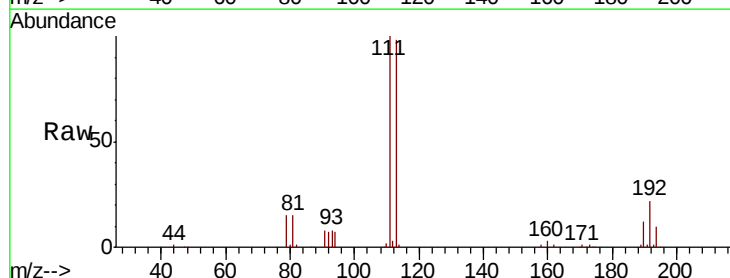


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

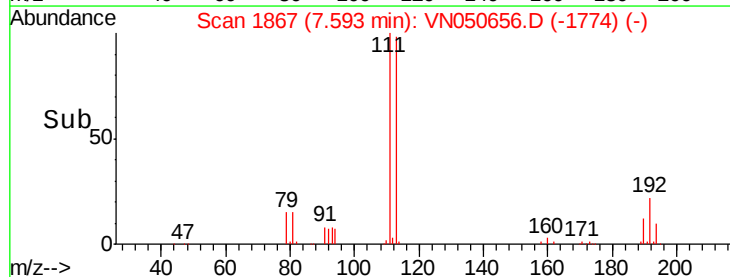
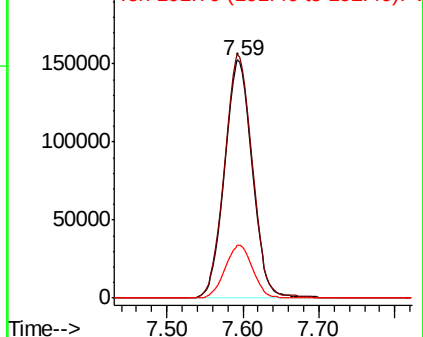


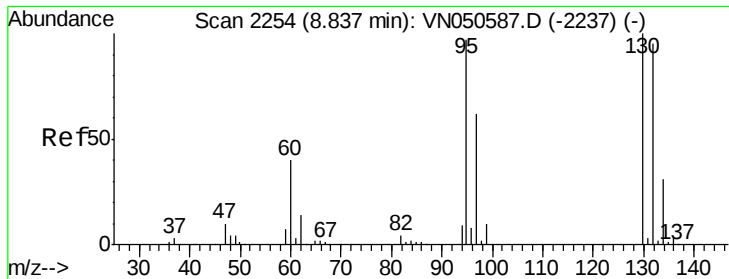
#35
 Dibromofluoromethane
 Concen: 50.80 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050656.D
 Acq: 15 Aug 2018 15:38

Tgt Ion:113 Resp: 387627
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.0 121.6
 192 22.2 17.6 26.4



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





#44

Trichloroethene

Concen: 0.29 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050656.D

Acq: 15 Aug 2018 15:38

Instrument :

MSVOA_N

ClientSampled :

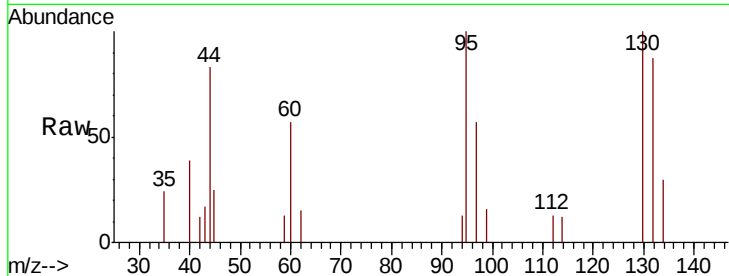
948-MW-15(17)

Tot Ion:130 Resp: 2516

Ion Ratio Lower Upper

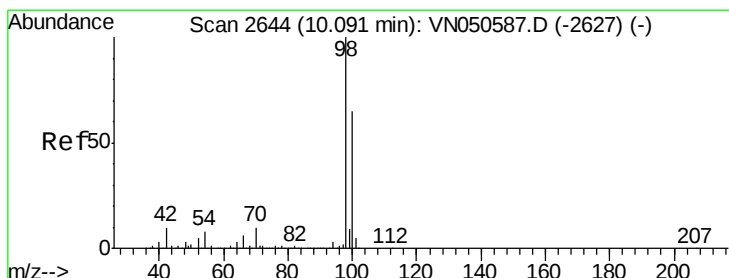
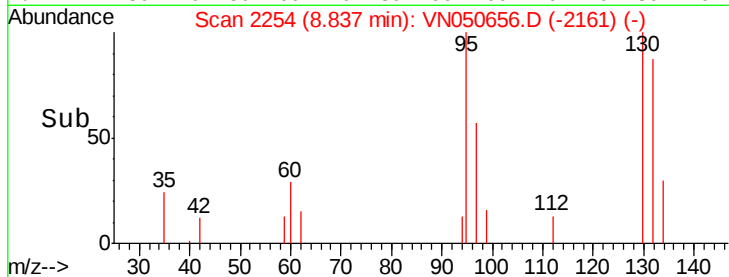
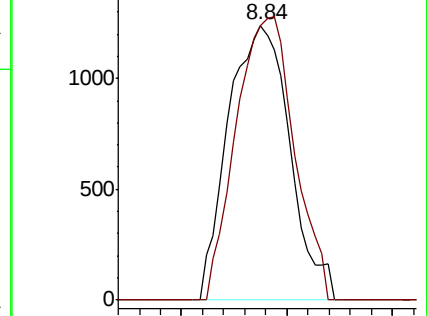
130 100

95 99.9 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 47.40 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050656.D

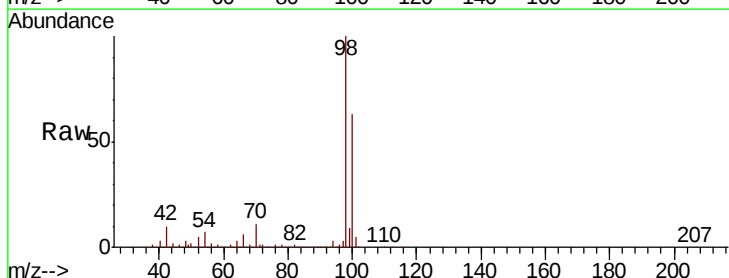
Acq: 15 Aug 2018 15:38

Tgt Ion: 98 Resp: 1361030

Ion Ratio Lower Upper

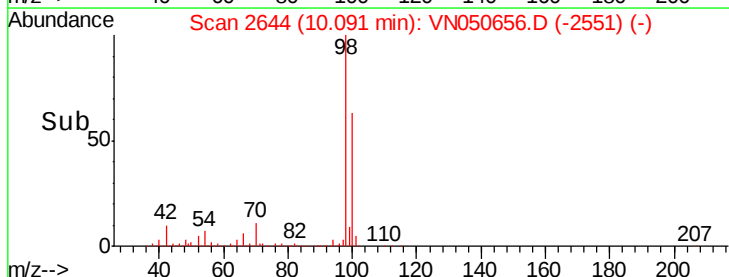
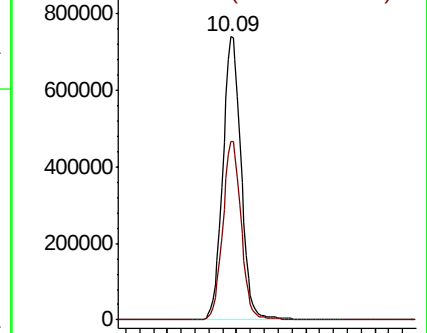
98 100

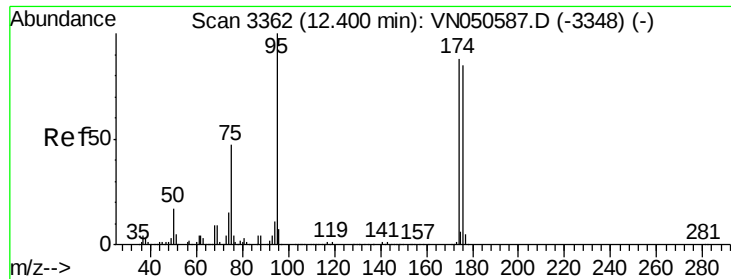
100 63.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 37.66 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050656.D

Acq: 15 Aug 2018 15:38

Instrument :

MSVOA_N

ClientSampled :

948-MW-15(17)

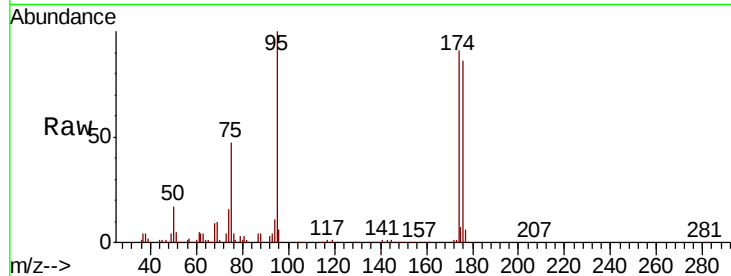
Tot Ion: 95 Resp: 357276

Ion Ratio Lower Upper

95 100

174 92.0 0.0 177.8

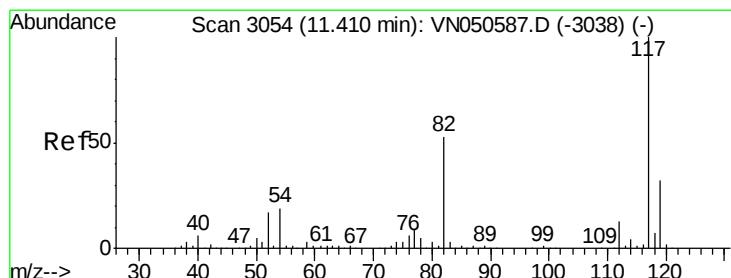
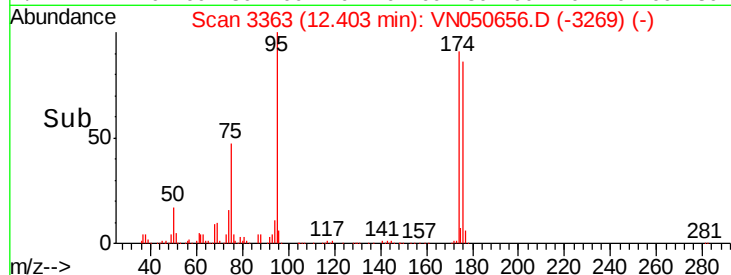
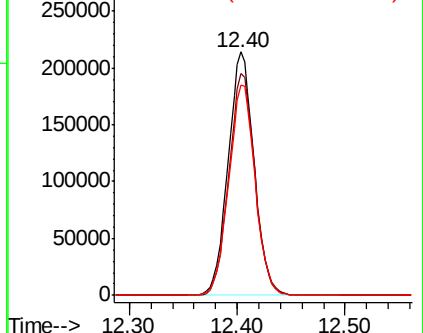
176 87.9 0.0 175.0



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: VN050656.D

Acq: 15 Aug 2018 15:38

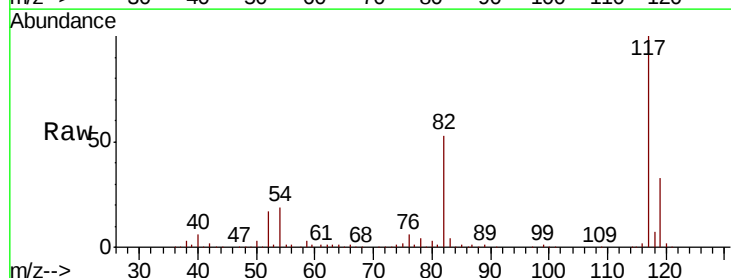
Tgt Ion: 117 Resp: 823004

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

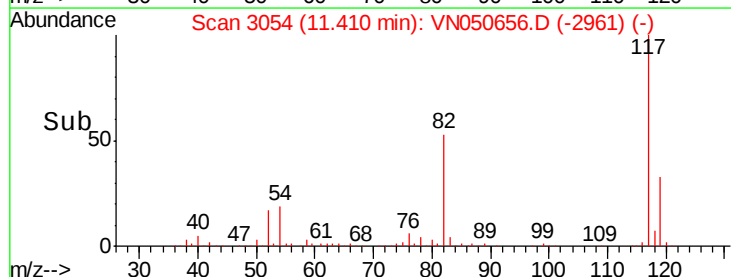
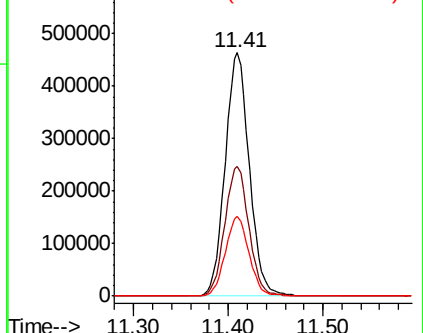
119 32.7 25.8 38.8

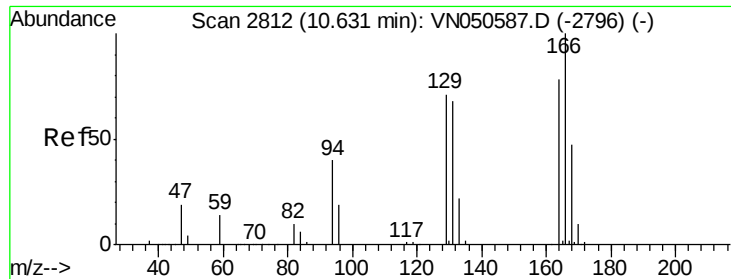


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

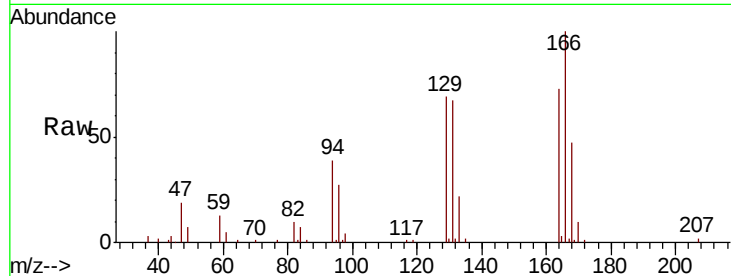




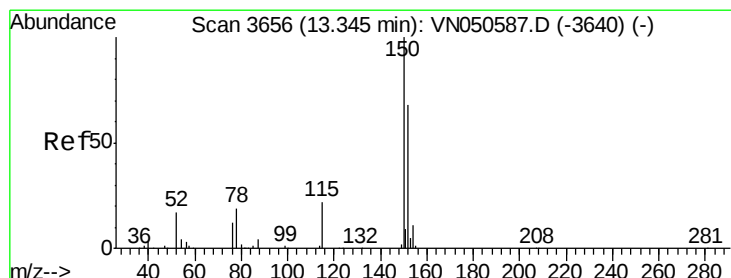
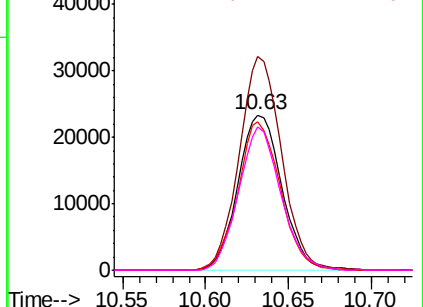
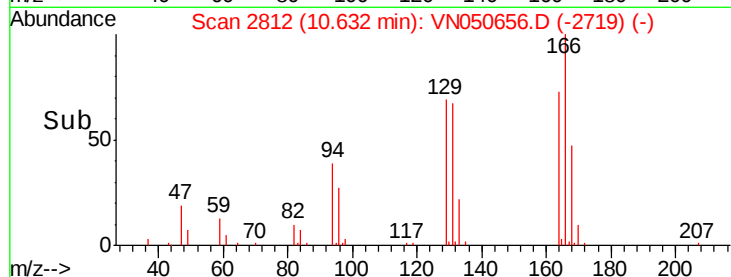
#64
Tetrachloroethene
Concen: 5.62 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050656.D
Acq: 15 Aug 2018 15:38

Instrument :
MSVOA_N
ClientSampleId :
948-MW-15(17)

Tot Ion:164 Resp: 42991
Ion Ratio Lower Upper
164 100
166 137.6 102.1 153.1
129 95.6 72.7 109.1
131 92.1 69.9 104.9

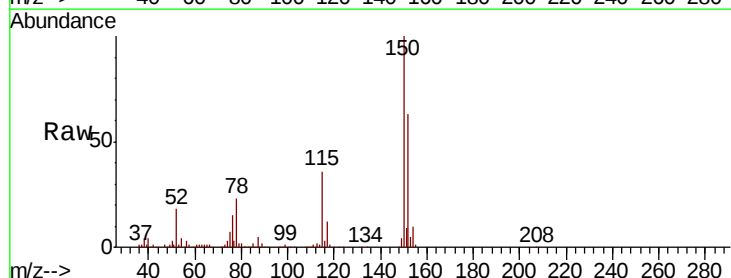


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050656.D
Acq: 15 Aug 2018 15:38

Tgt Ion:152 Resp: 278997
Ion Ratio Lower Upper
152 100
115 57.3 28.1 84.2
150 158.8 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

