

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050655.D
 Acq On : 15 Aug 2018 15:13
 Operator : MD\SY
 Sample : J4465-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 16 13:44:27 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	616801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	962506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	847199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277299	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	415155	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
35) Dibromofluoromethane	7.59	113	387505	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
50) Toluene-d8	10.09	98	1381828	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.40	95	362287	37.92	ug/l	0.00
Spiked Amount			Recovery	=	75.84%	

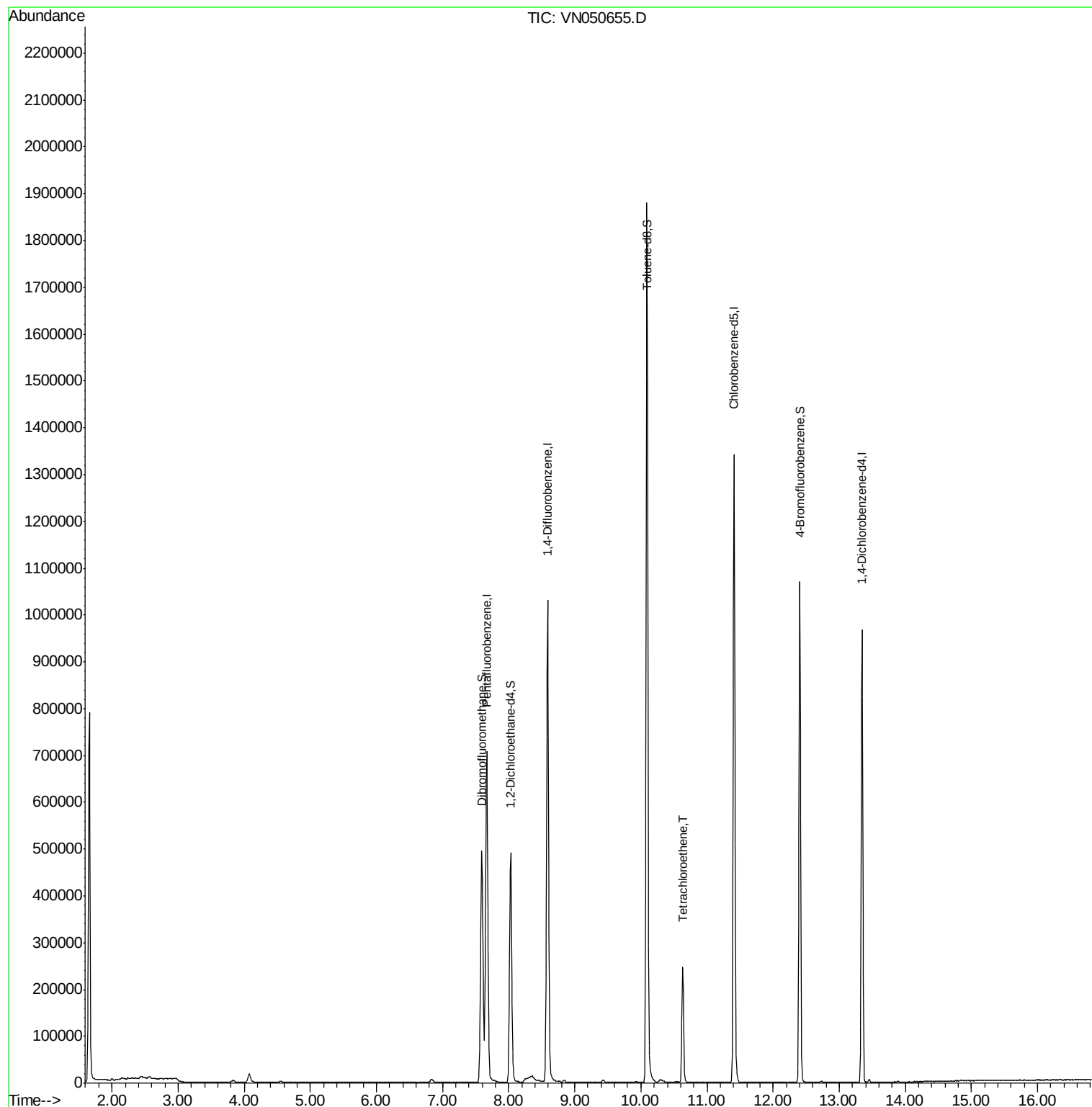
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	10.63	164	62342	7.92	ug/l	98

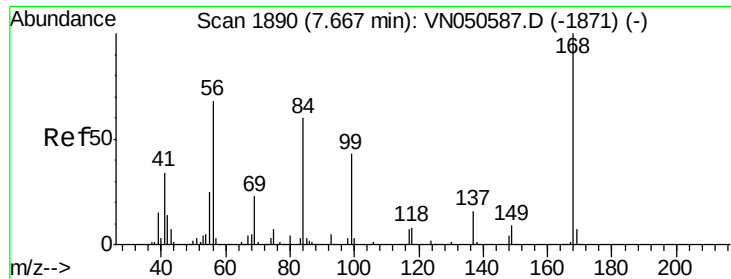
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050655.D

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ClientSampleId :

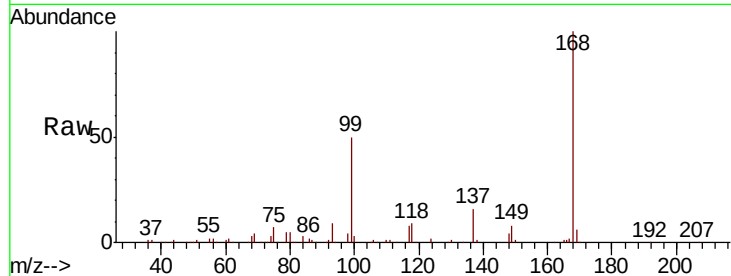
946-MW-07(22.5)

Tot Ion:168 Resp: 616801

Ion Ratio Lower Upper

168 100

99 49.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

150000

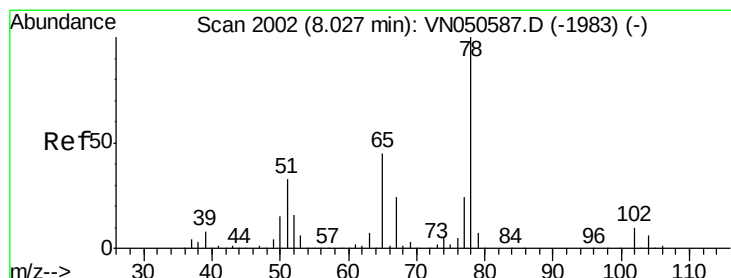
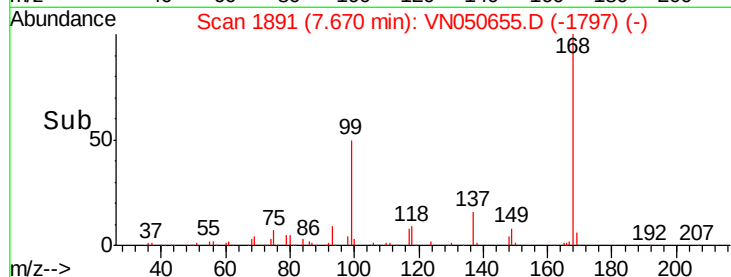
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 53.40 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050655.D

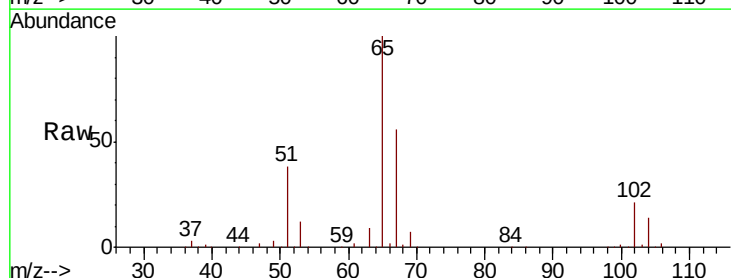
Acq: 15 Aug 2018 15:13

Tgt Ion: 65 Resp: 415155

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN050587.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050587.D (-1983) (-)

8.03

200000

150000

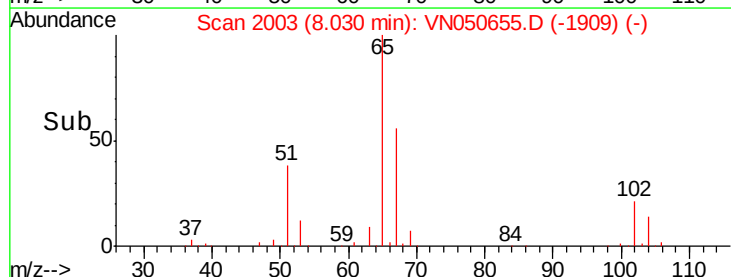
100000

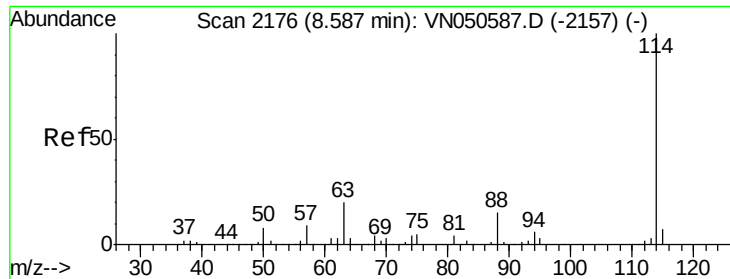
50000

0

Time-->

7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050655.D

Acq: 15 Aug 2018 15:13

Instrument :

MSVOA_N

ClientSampleId :

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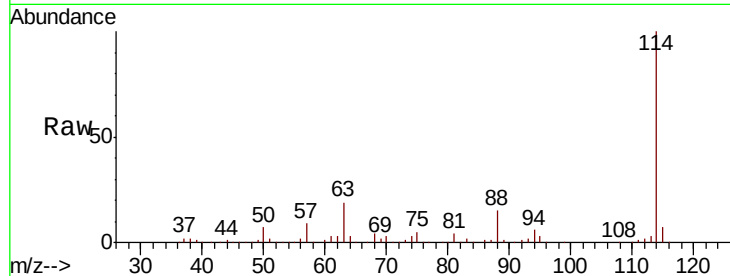
Tot Ion:114 Resp: 962506

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

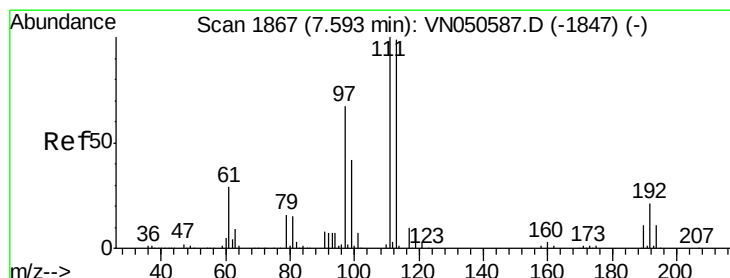
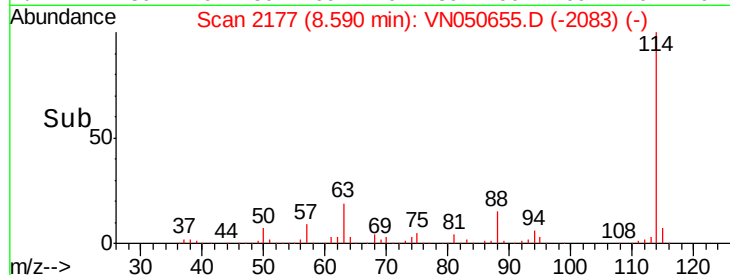
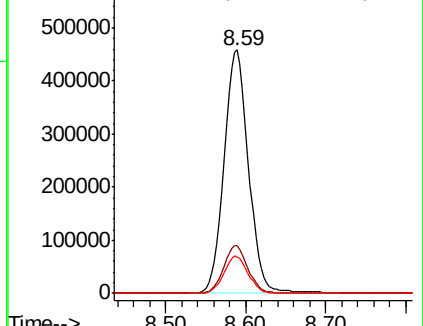
88 15.1 0.0 30.8



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: 50.43 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050655.D

Acq: 15 Aug 2018 15:13

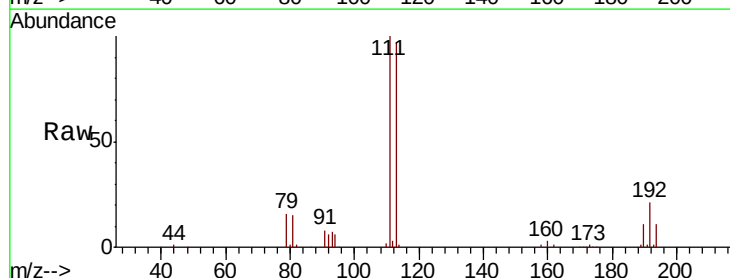
Tgt Ion:113 Resp: 387505

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.6

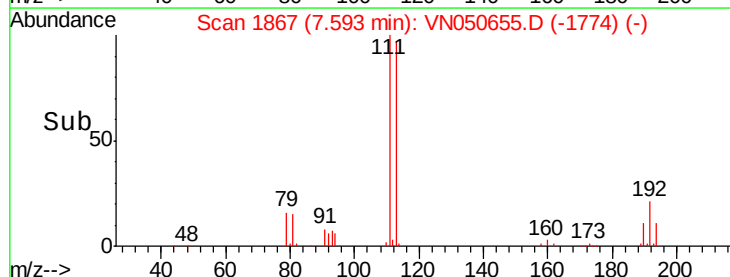
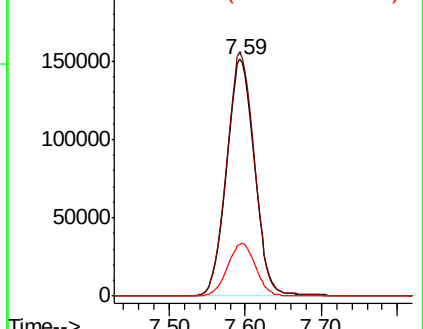
192 22.1 17.6 26.4

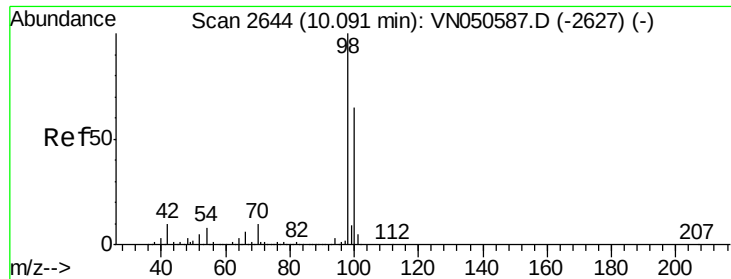


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

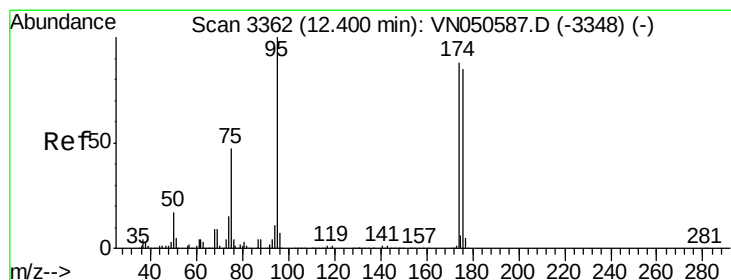
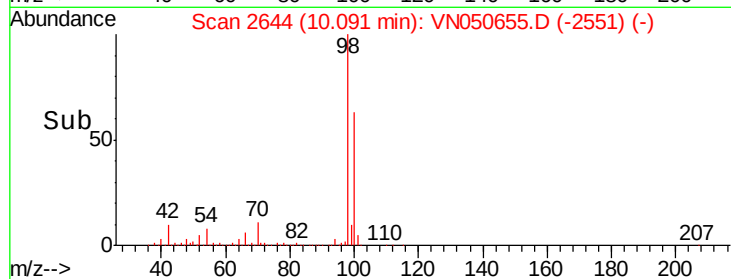
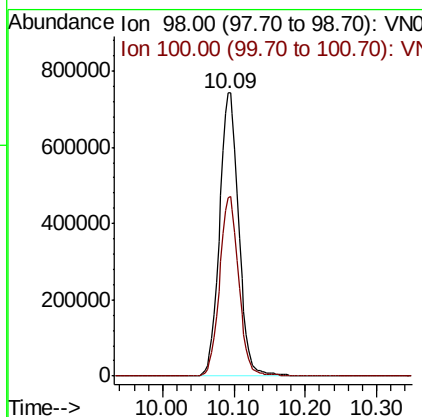
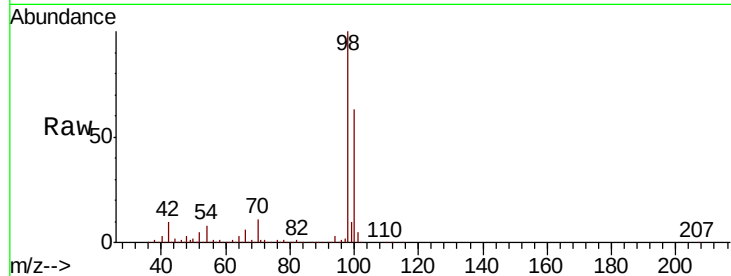




#50
Toluene-d8
Concen: 47.78 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050655.D
Acq: 15 Aug 2018 15:13

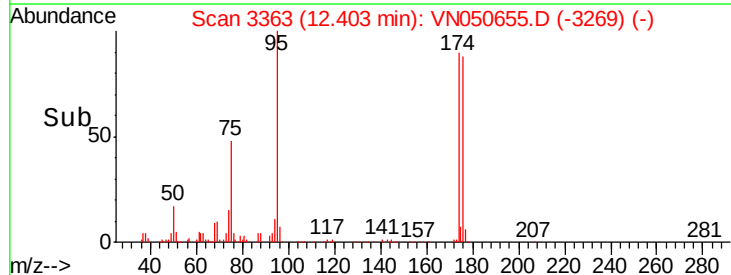
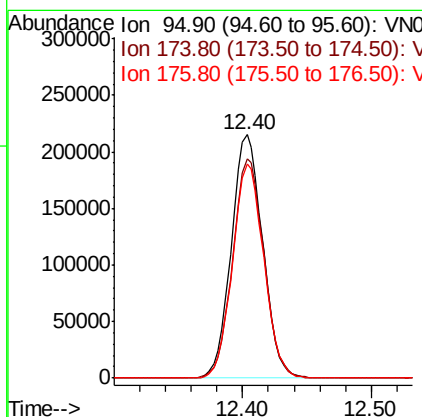
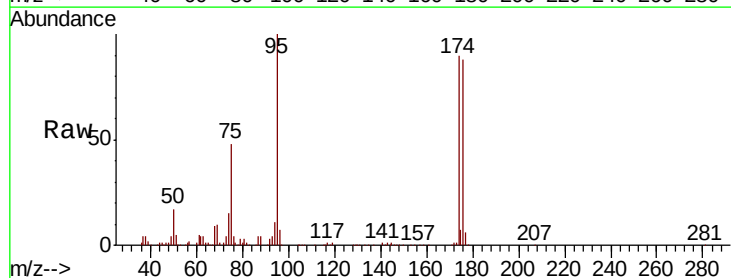
Instrument :
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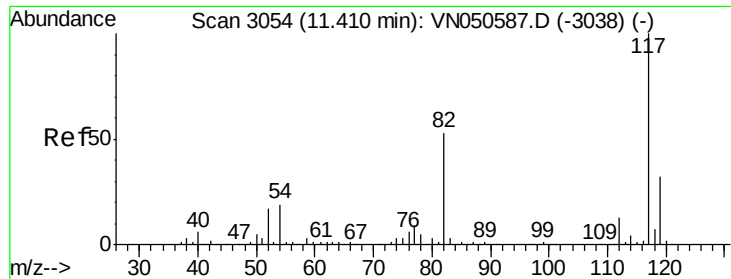
Tot Ion: 98 Resp: 1381828
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 37.92 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050655.D
Acq: 15 Aug 2018 15:13

Tgt Ion: 95 Resp: 362287
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.8
176 87.9 0.0 175.0

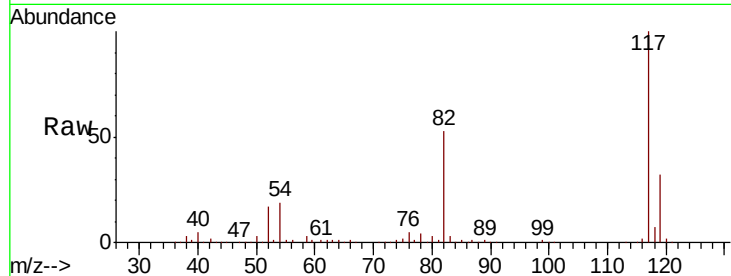




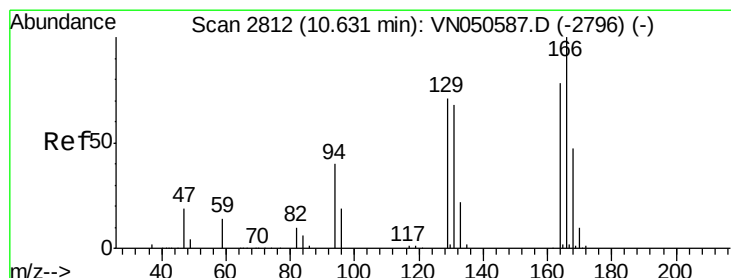
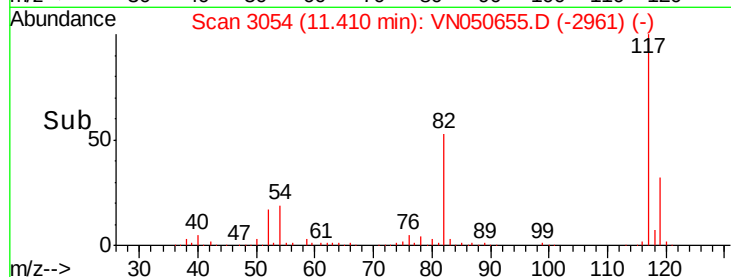
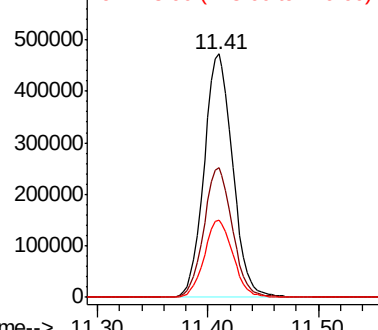
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050655.D
Acq: 15 Aug 2018 15:13

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

Tot Ion:117 Resp: 847199
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.9 25.8 38.8

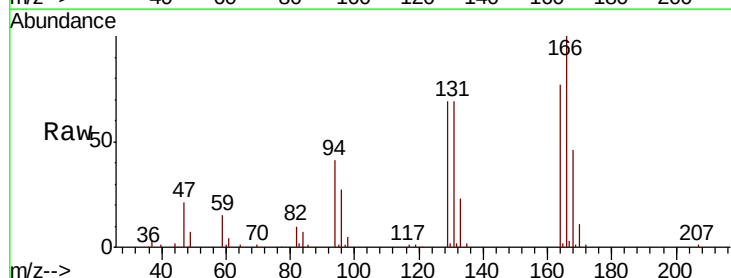


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

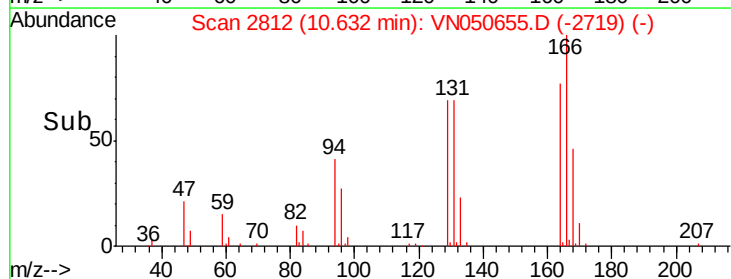
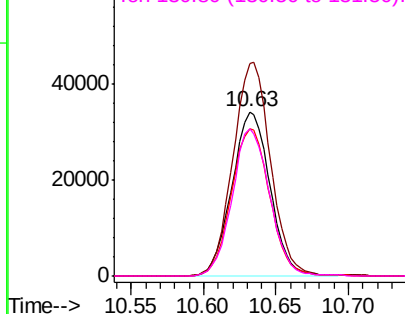


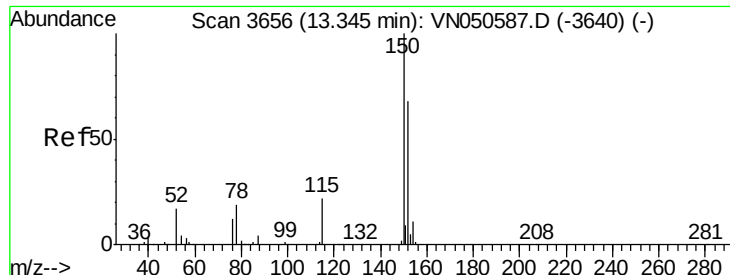
#64
Tetrachloroethene
Concen: 7.92 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050655.D
Acq: 15 Aug 2018 15:13

Tgt Ion:164 Resp: 62342
Ion Ratio Lower Upper
164 100
166 129.6 102.1 153.1
129 89.7 72.7 109.1
131 90.0 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: VN050655.D

Acq: 15 Aug 2018 15:13

Instrument :

MSVOA_N

ClientSampleId :

946-MW-07(22.5)

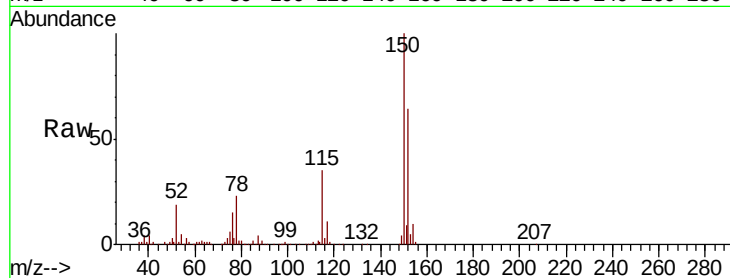
Tot Ion:152 Resp: 277299

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

150 157.2 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

