

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050646.D
 Acq On : 15 Aug 2018 11:31
 Operator : MD\SY
 Sample : J4465-01DL 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 940-MW-01(23)DL

Quant Time: Aug 16 02:20:36 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

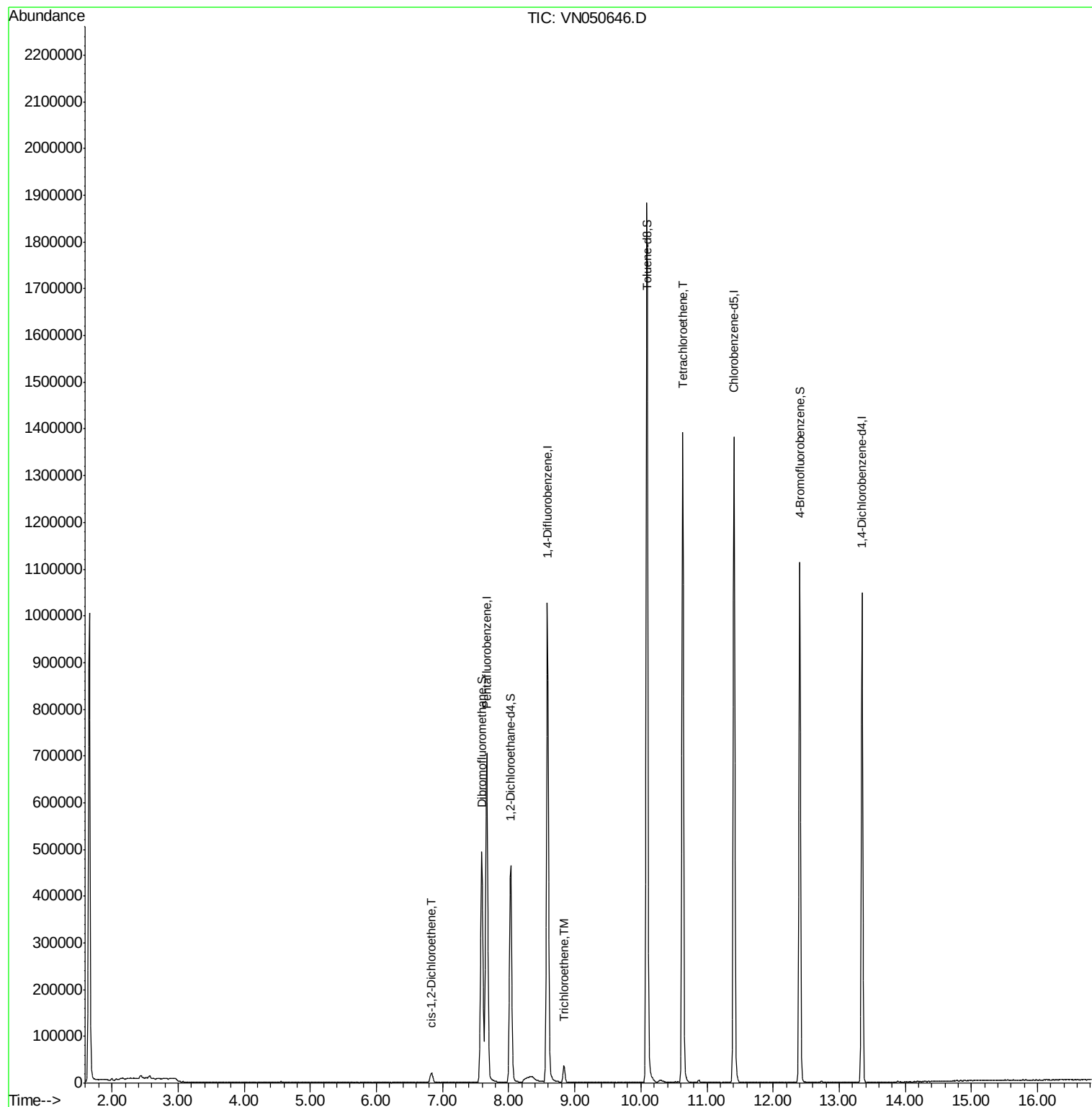
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	956905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	860466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405492	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
35) Dibromofluoromethane	7.59	113	382463	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.09	98	1372520	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.40	95	382894	40.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.62%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.83	96	10983	1.37	ug/l	89
44) Trichloroethene	8.84	130	13898	1.60	ug/l	99
64) Tetrachloroethene	10.63	164	351232	43.95	ug/l	99

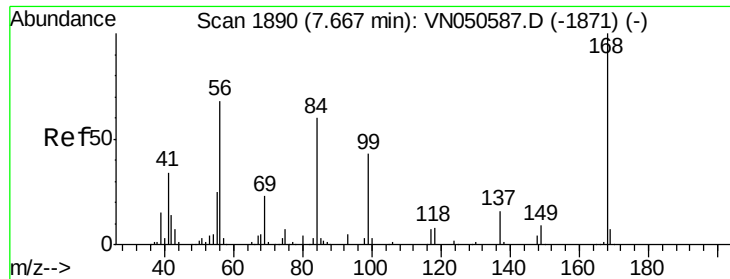
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050646.D

Acq: 15 Aug 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

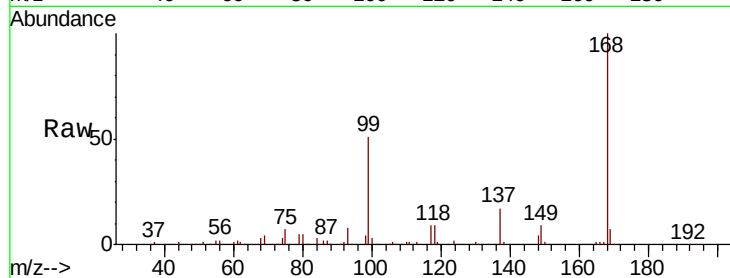
940-MW-01(23)DL

Tot Ion:168 Resp: 609878

Ion Ratio Lower Upper

168 100

99 51.0 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

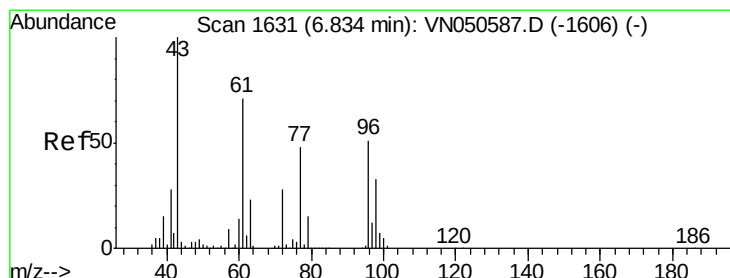
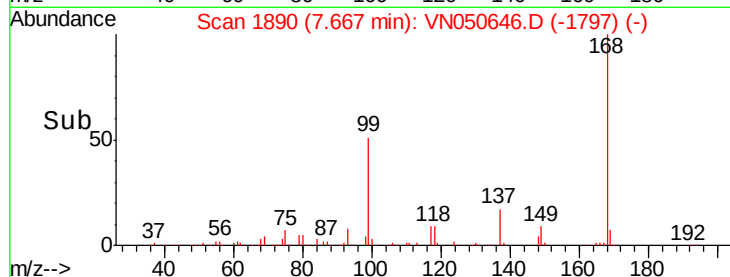
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.37 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050646.D

Acq: 15 Aug 2018 11:31

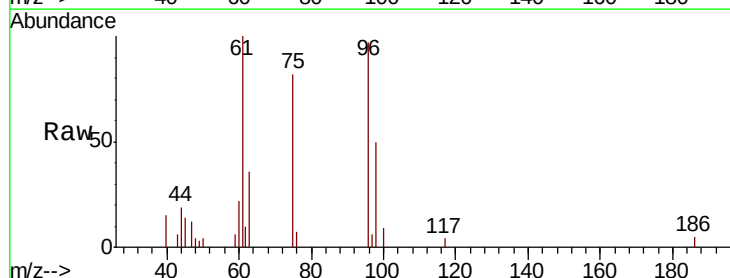
Tgt Ion: 96 Resp: 10983

Ion Ratio Lower Upper

96 100

61 122.2 0.0 278.2

98 59.6 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

6.83

6000

5000

4000

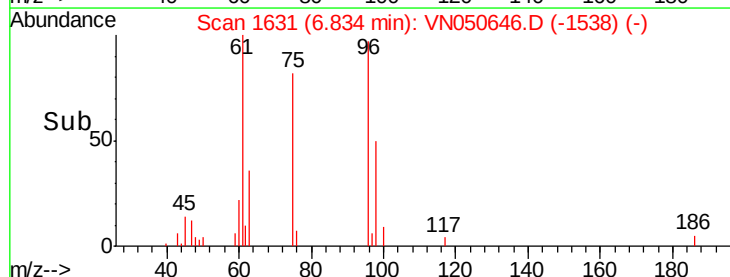
3000

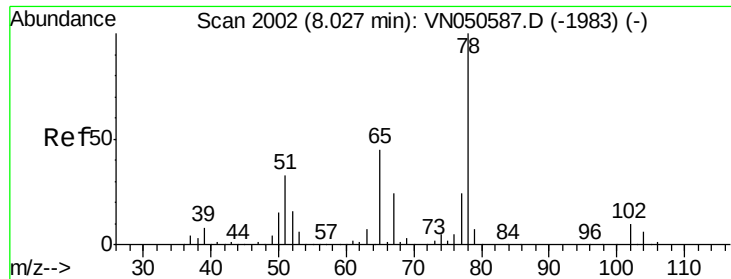
2000

1000

0

Time-->

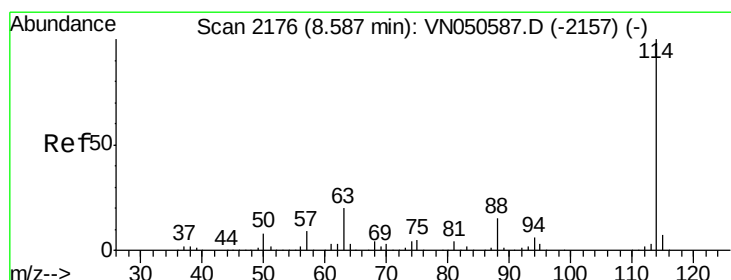
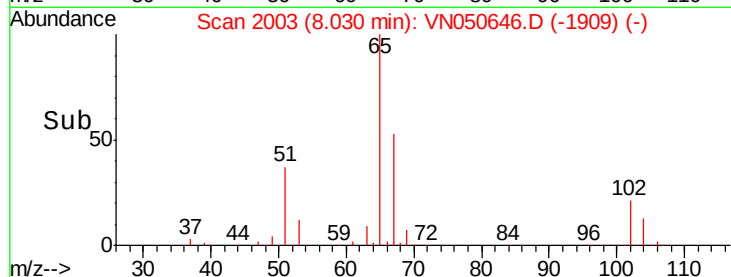
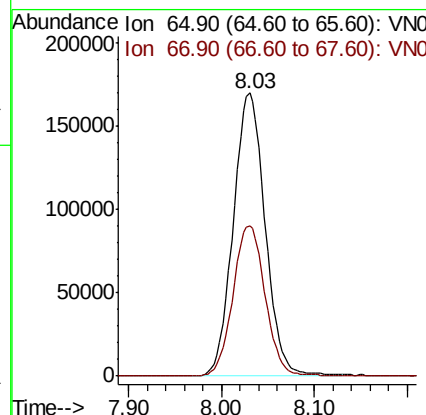
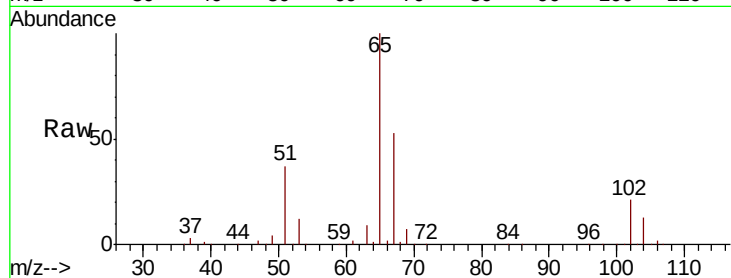




#33
 1,2-Dichloroethane-d4
 Concen: 52.75 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050646.D
 Acq: 15 Aug 2018 11:31

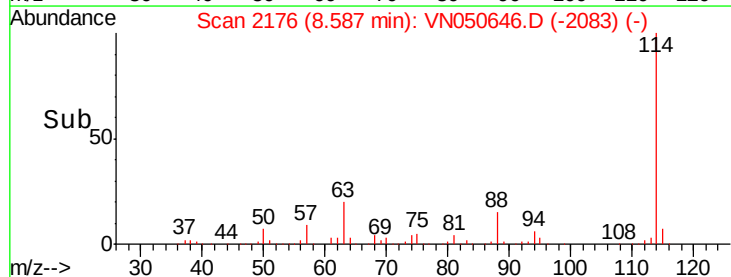
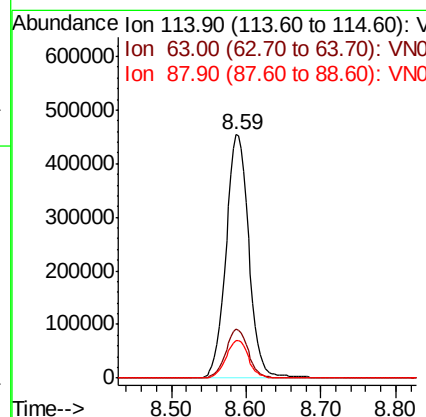
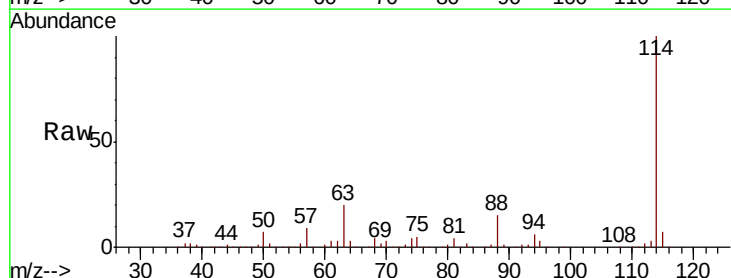
Instrument :
 MSVOA_N
 ClientSampleId :
 940-MW-01(23)DL

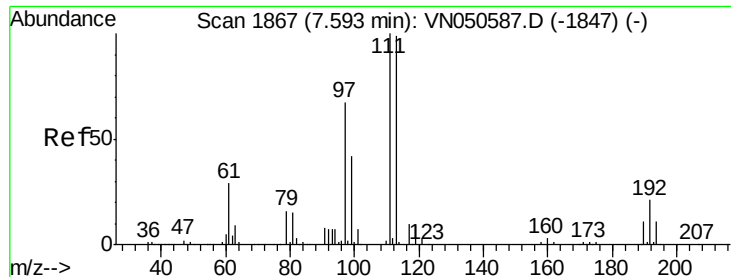
Tot Ion: 65 Resp: 405492
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050646.D
 Acq: 15 Aug 2018 11:31

Tgt Ion: 114 Resp: 956905
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.2 0.0 30.8

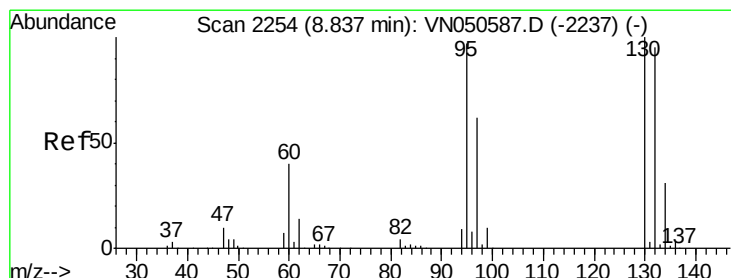
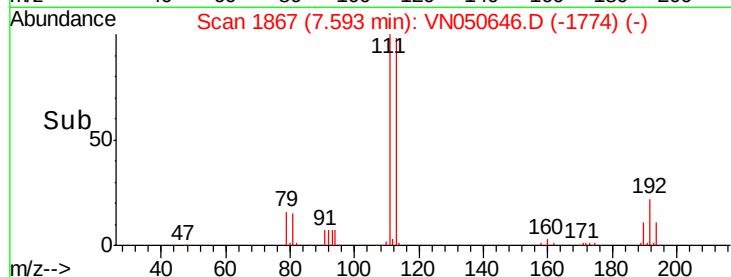
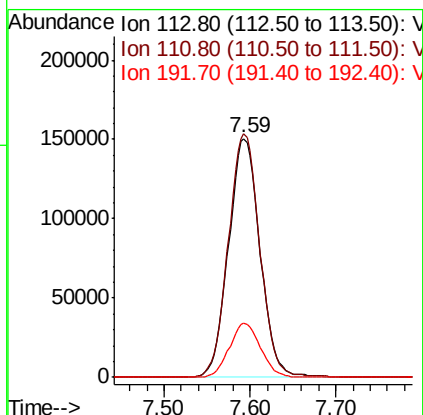
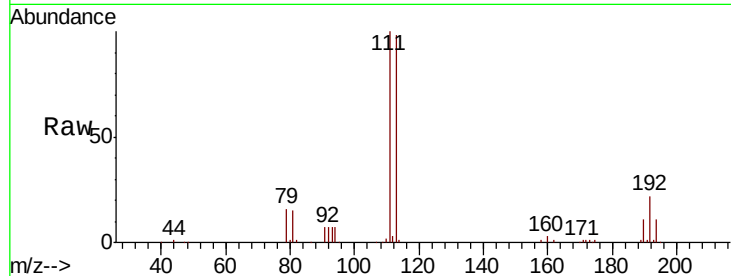




#35
 Dibromofluoromethane
 Concen: 50.06 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050646.D
 Acq: 15 Aug 2018 11:31

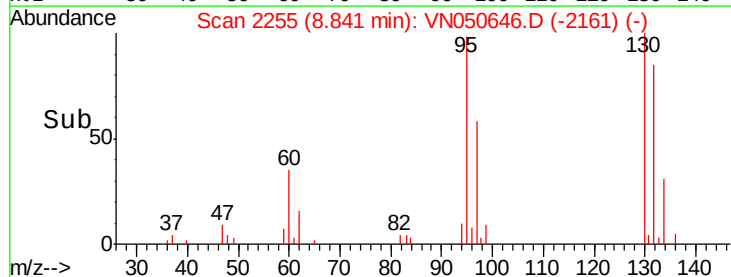
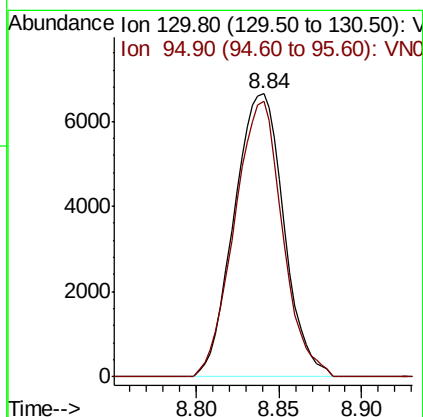
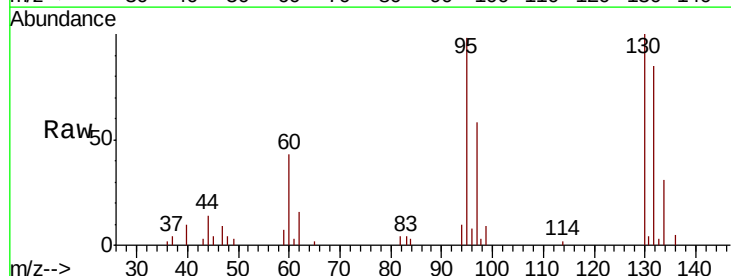
Instrument :
 MSVOA_N
 ClientSampleId :
 940-MW-01(23)DL

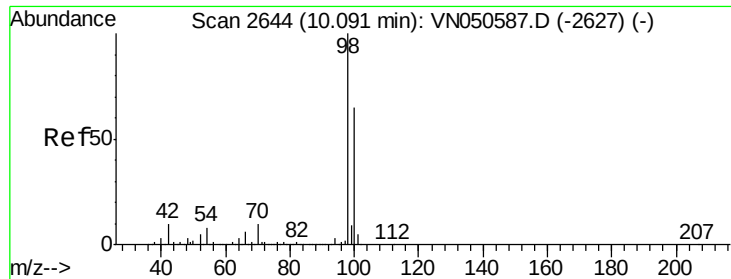
Tot Ion:113 Resp: 382463
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.0 121.6
 192 22.5 17.6 26.4



#44
 Trichloroethene
 Concen: 1.60 ug/l
 RT: 8.84 min Scan# 2255
 Delta R.T. 0.00 min
 Lab File: VN050646.D
 Acq: 15 Aug 2018 11:31

Tgt Ion:130 Resp: 13898
 Ion Ratio Lower Upper
 130 100
 95 97.5 0.0 193.8

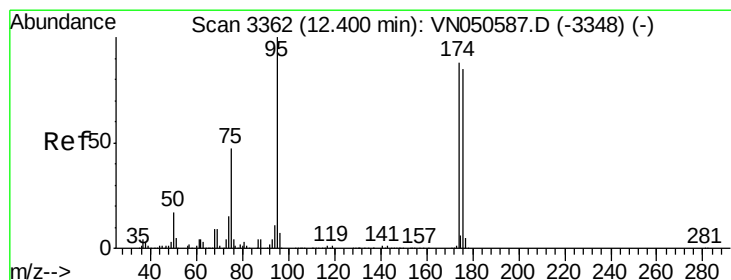
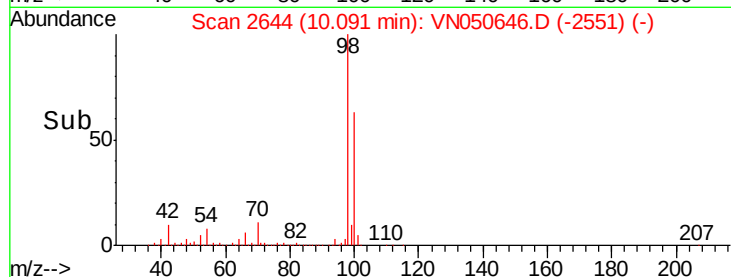
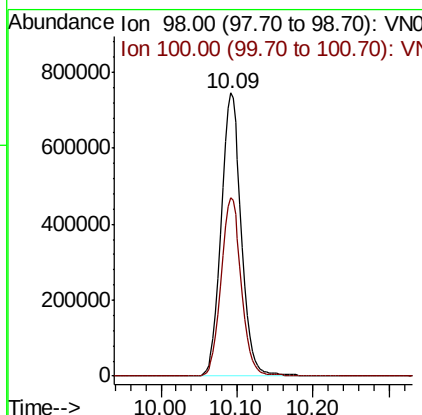
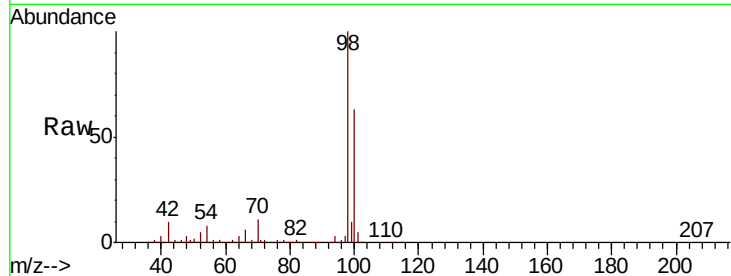




#50
Toluene-d8
Concen: 47.74 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050646.D
Acq: 15 Aug 2018 11:31

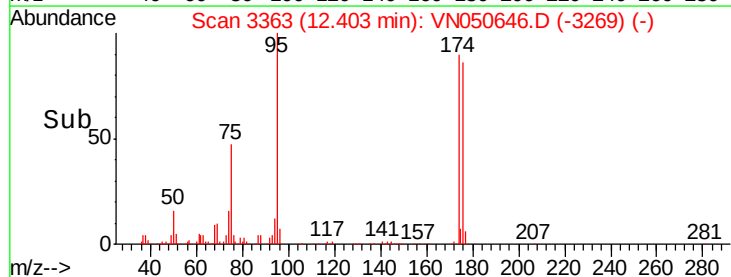
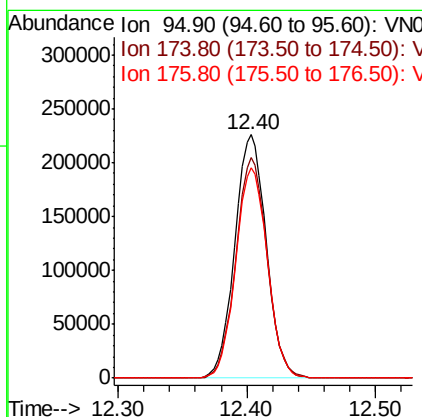
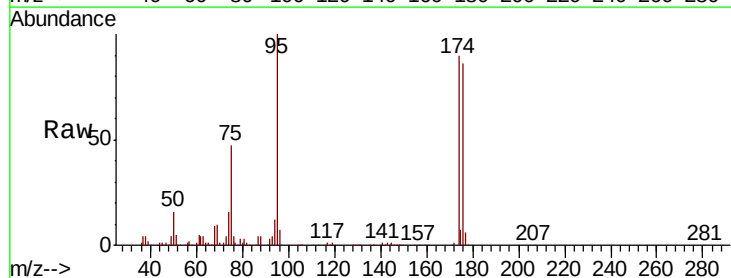
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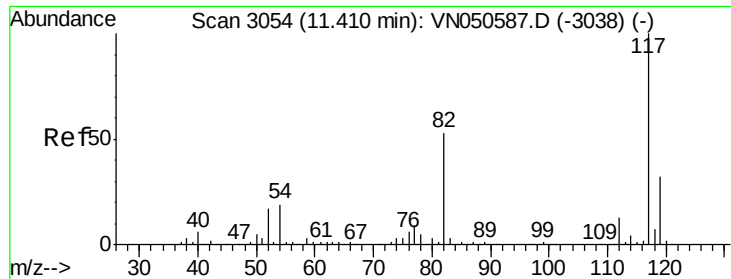
Tot Ion: 98 Resp: 1372520
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 40.31 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050646.D
Acq: 15 Aug 2018 11:31

Tgt Ion: 95 Resp: 382894
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.8
176 86.9 0.0 175.0

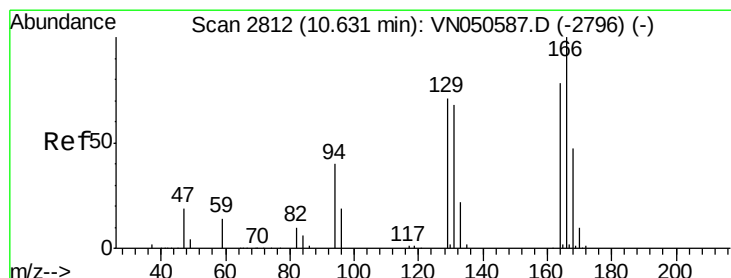
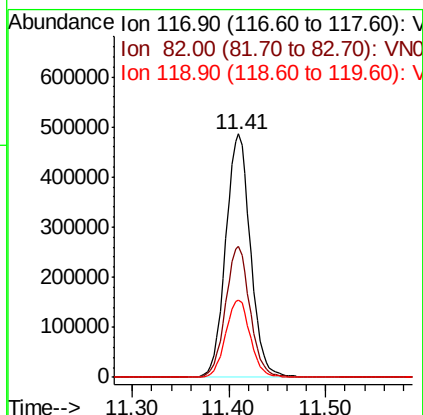
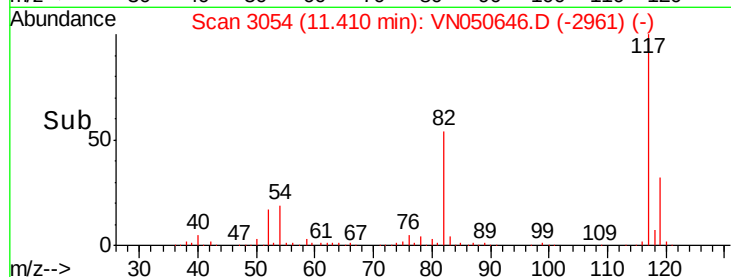
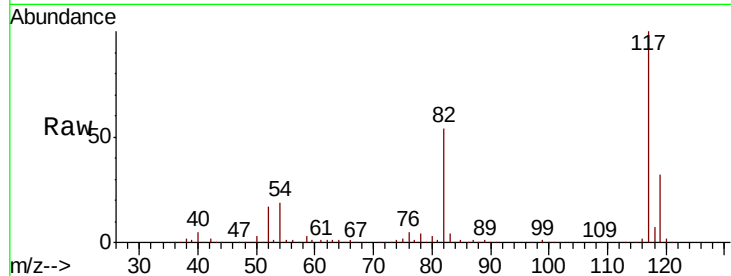




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050646.D
Acq: 15 Aug 2018 11:31

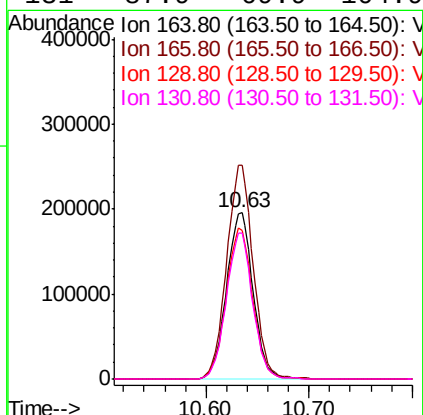
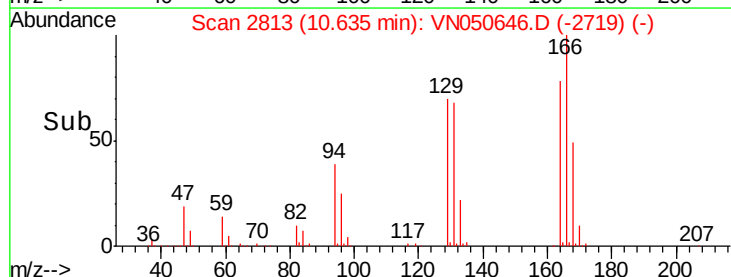
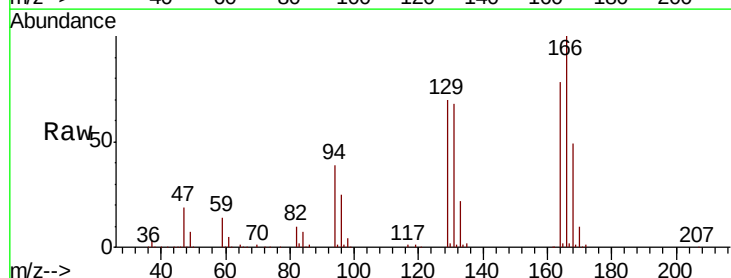
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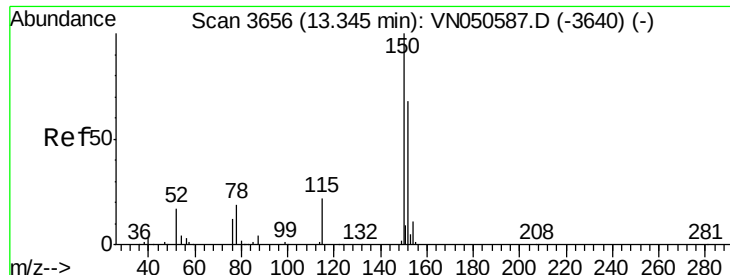
Tot Ion:117 Resp: 860466
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 43.95 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050646.D
Acq: 15 Aug 2018 11:31

Tgt Ion:164 Resp: 351232
Ion Ratio Lower Upper
164 100
166 128.8 102.1 153.1
129 89.8 72.7 109.1
131 87.9 69.9 104.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050646.D

Acq: 15 Aug 2018 11:31

Instrument :

MSVOA_N

ClientSampleId :

940-MW-01(23)DL

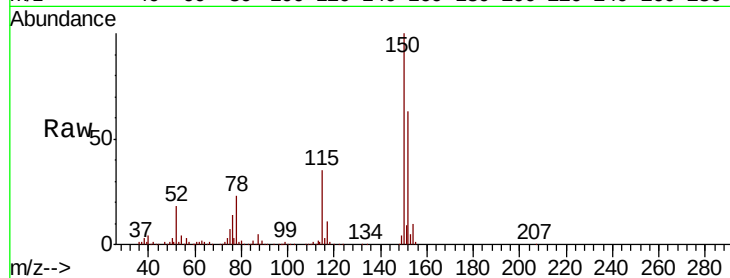
Tot Ion:152 Resp: 299527

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.2

150 158.3 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

