

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060192.D
 Acq On : 21 Feb 2020 16:58
 Operator : JC/MD
 Sample : L1658-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Feb 21 23:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

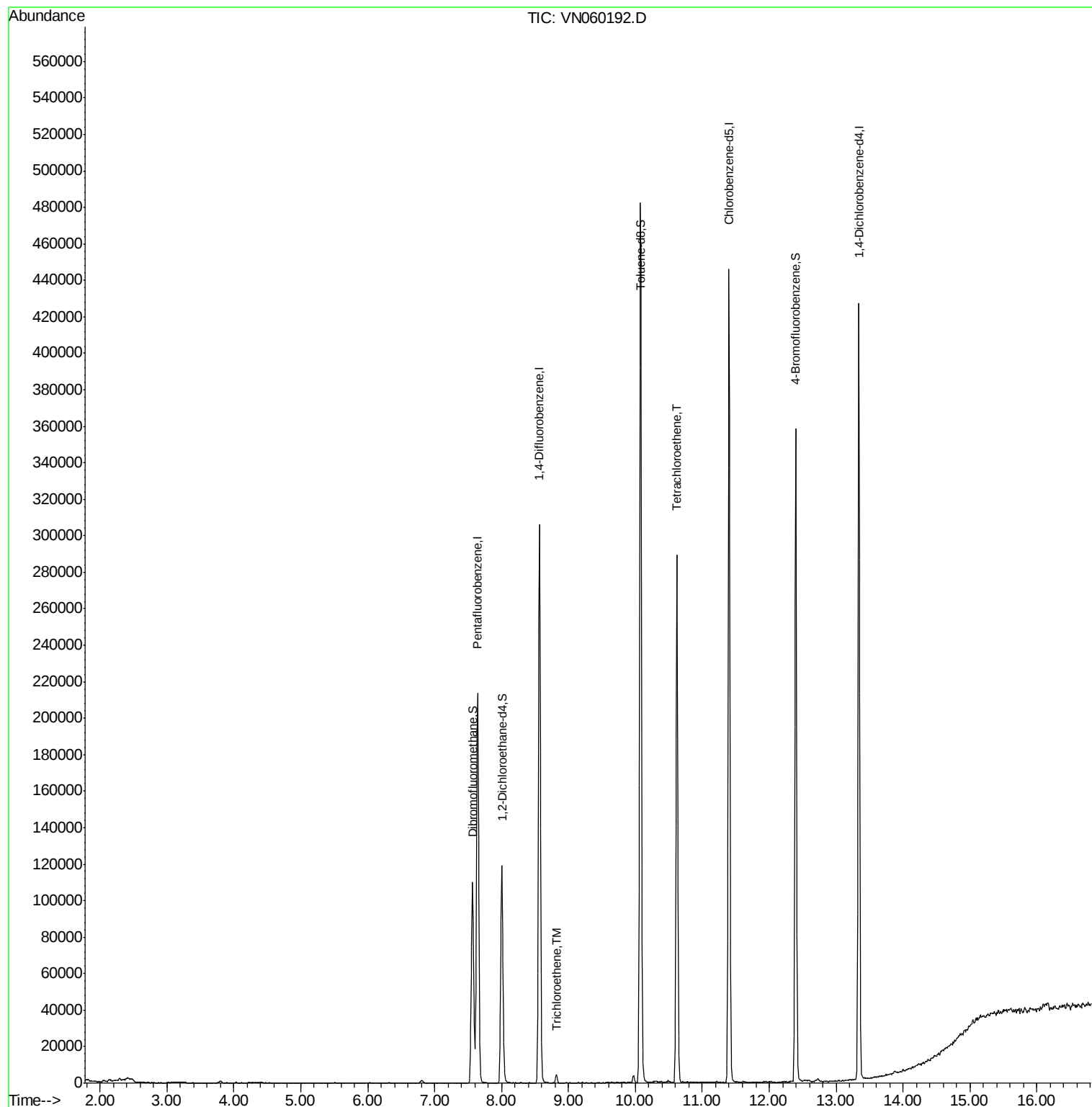
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	178971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	282303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	114088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104733	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	7.56	113	82898	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	10.08	98	341181	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.40	95	121892	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
Target Compounds						
44) Trichloroethene	8.82	130	1880	0.875	ug/l	88
64) Tetrachloroethene	10.62	164	69550	34.617	ug/l	98

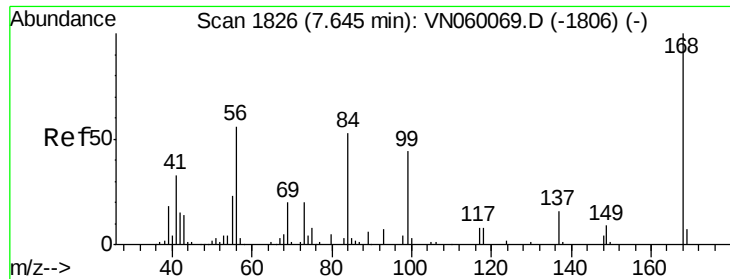
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060192.D

Acq: 21 Feb 2020 16:58

Instrument :

MSVOA_N

ClientSampled :

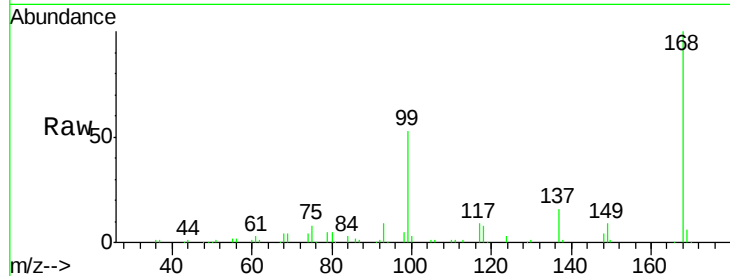
MW-3

Tot Ion:168 Resp: 178971

Ion Ratio Lower Upper

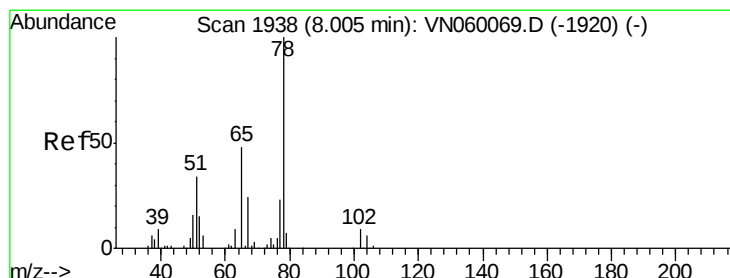
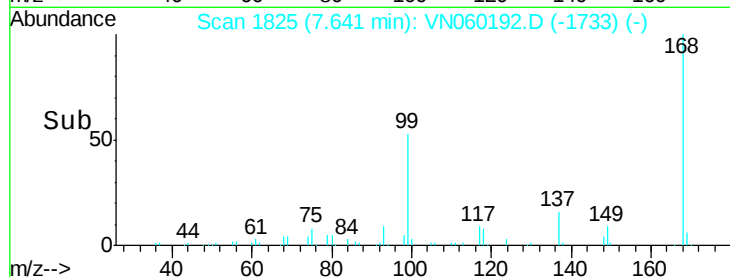
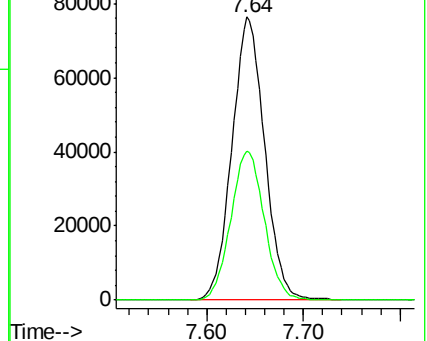
168 100

99 52.8 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.092 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060192.D

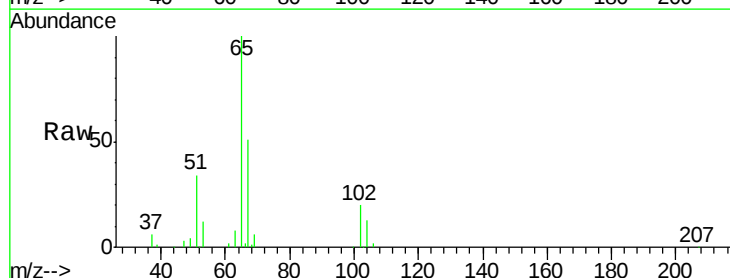
Acq: 21 Feb 2020 16:58

Tgt Ion: 65 Resp: 104733

Ion Ratio Lower Upper

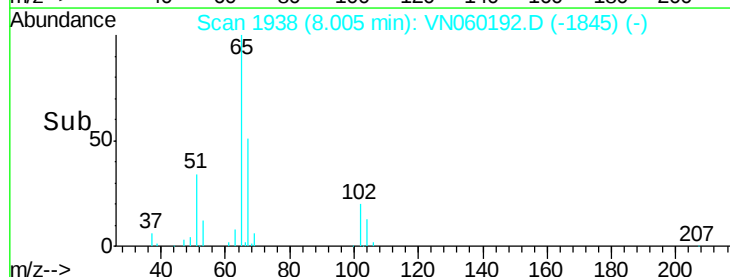
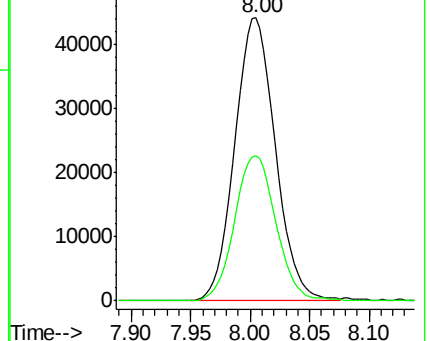
65 100

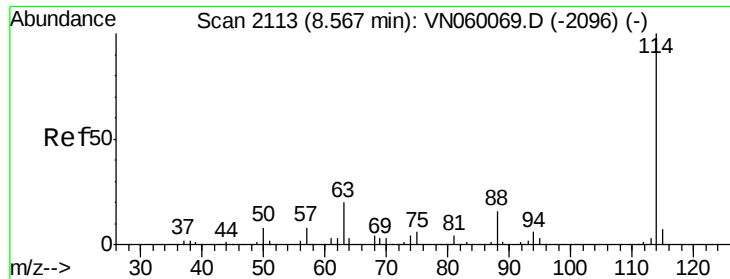
67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

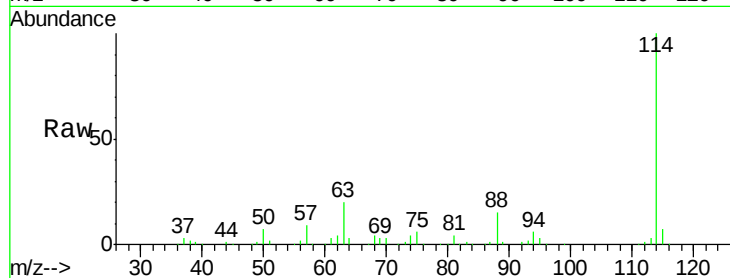




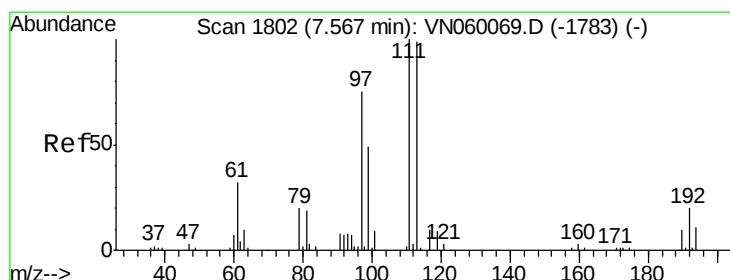
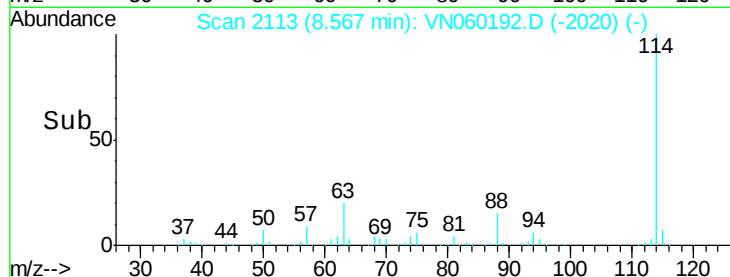
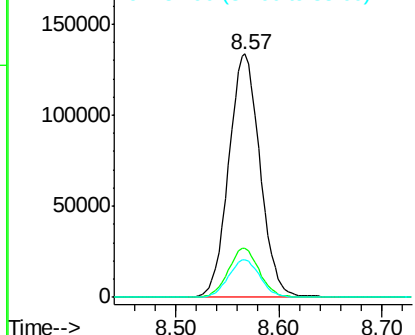
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060192.D
 Acq: 21 Feb 2020 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tot Ion:114 Resp: 282303
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.5 0.0 31.6

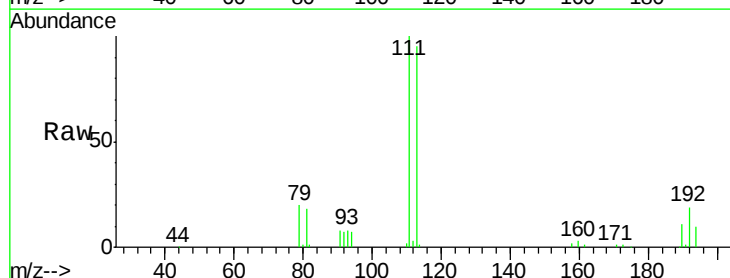


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

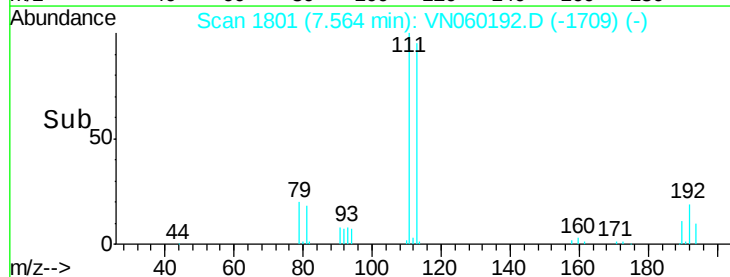
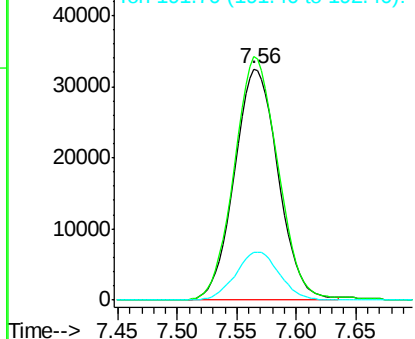


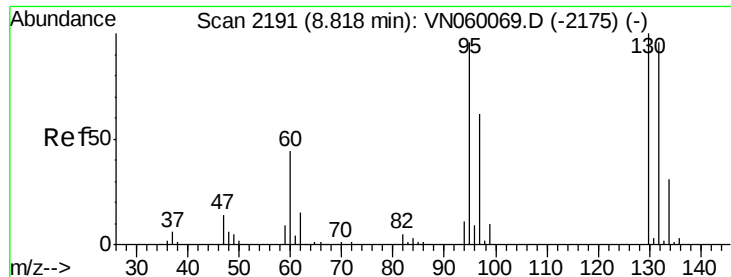
#35
 Dibromofluoromethane
 Concen: 47.771 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060192.D
 Acq: 21 Feb 2020 16:58

Tgt Ion:113 Resp: 82898
 Ion Ratio Lower Upper
 113 100
 111 105.6 81.4 122.2
 192 20.7 16.2 24.2



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: 0.875 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN060192.D

Acq: 21 Feb 2020 16:58

Instrument :

MSVOA_N

ClientSampled :

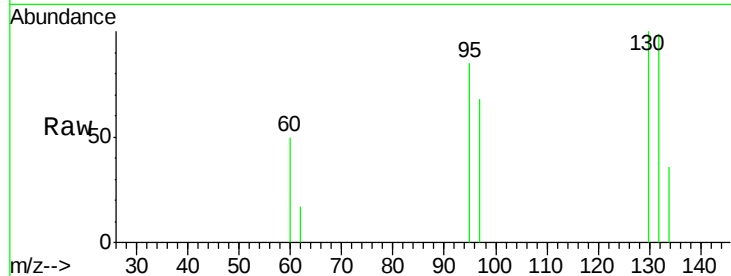
MW-3

Tot Ion:130 Resp: 1880

Ion Ratio Lower Upper

130 100

95 84.6 0.0 192.4

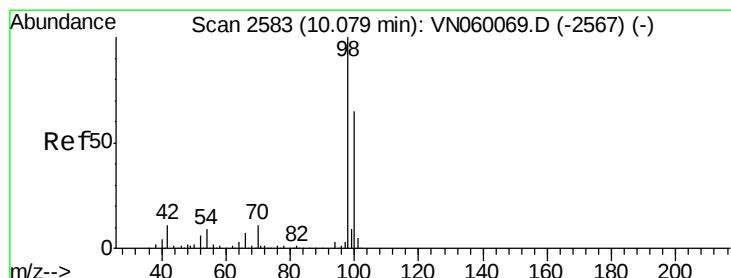
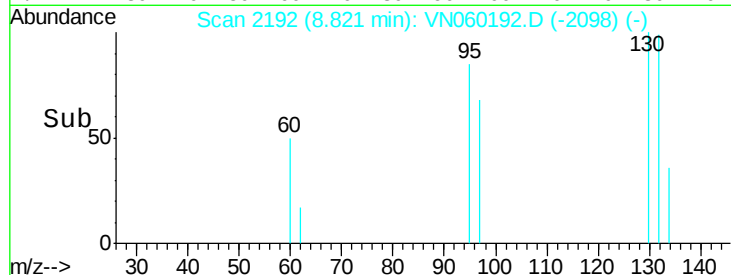
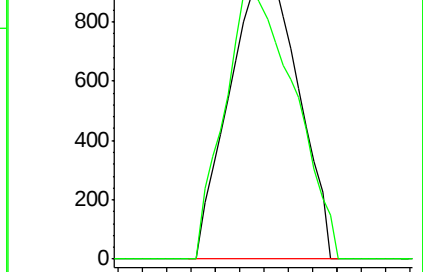


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.82

8.85



#50

Toluene-d8

Concen: 49.927 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060192.D

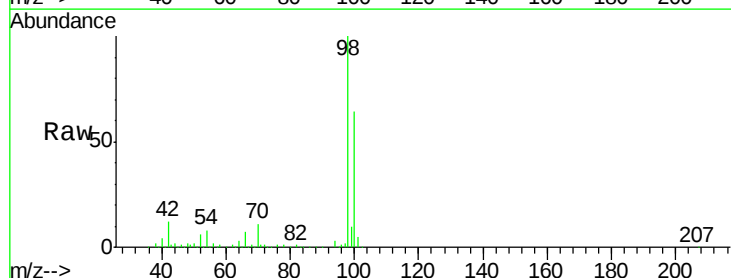
Acq: 21 Feb 2020 16:58

Tgt Ion: 98 Resp: 341181

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5

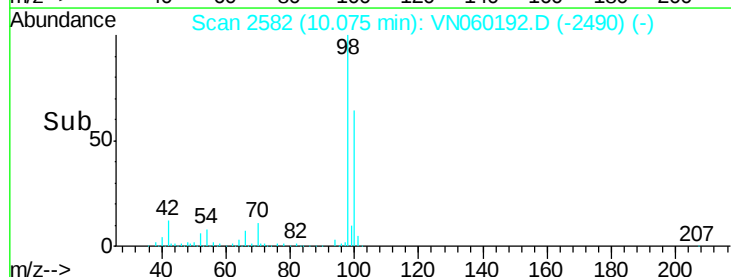
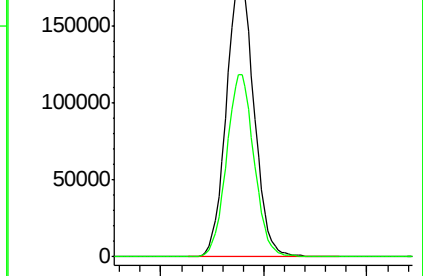


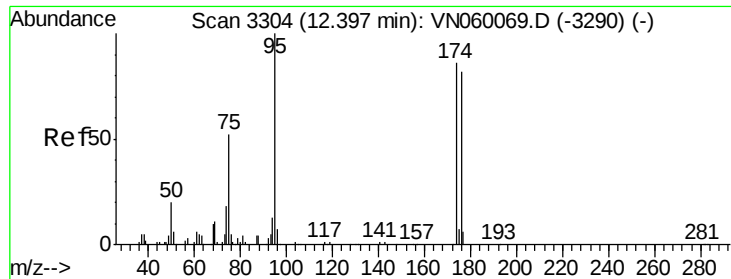
Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.08

10.20





#62

4-Bromofluorobenzene

Concen: 48.543 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060192.D

Acq: 21 Feb 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

MW-3

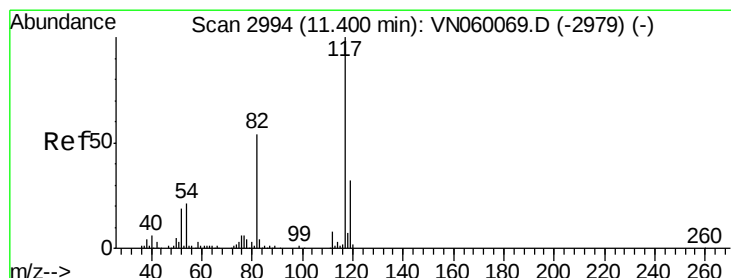
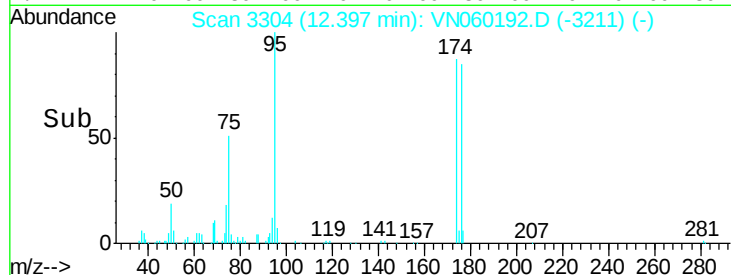
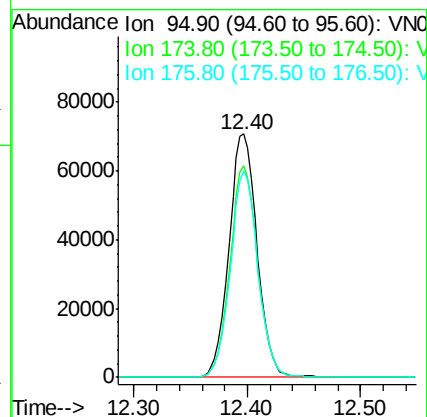
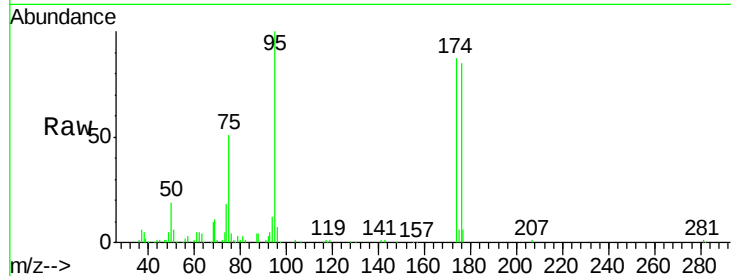
Tot Ion: 95 Resp: 121892

Ion Ratio Lower Upper

95 100

174 86.0 0.0 169.8

176 82.7 0.0 164.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060192.D

Acq: 21 Feb 2020 16:58

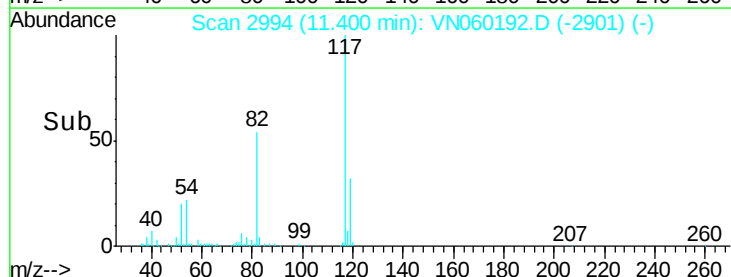
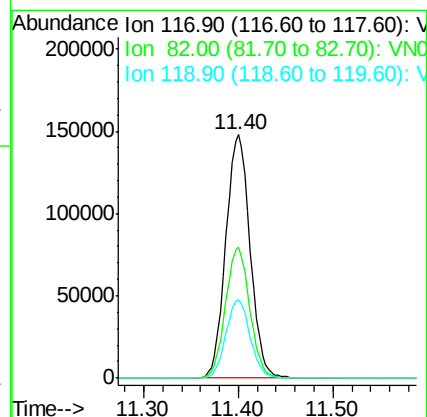
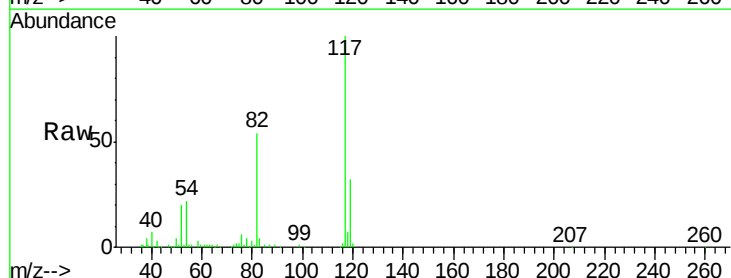
Tgt Ion: 117 Resp: 264295

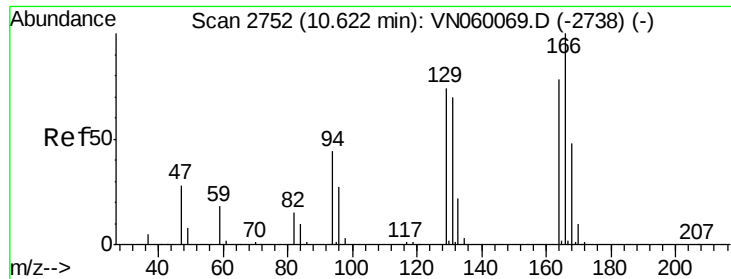
Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.5 25.8 38.6

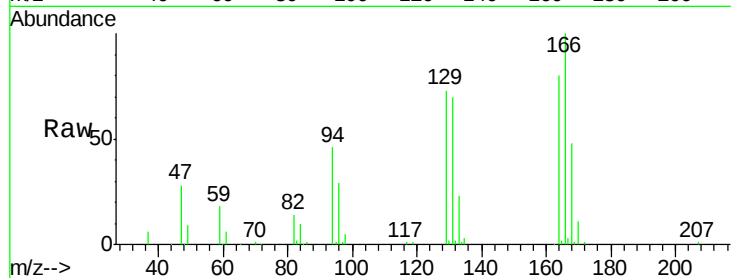




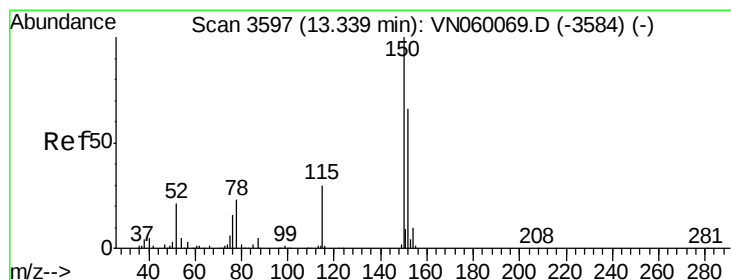
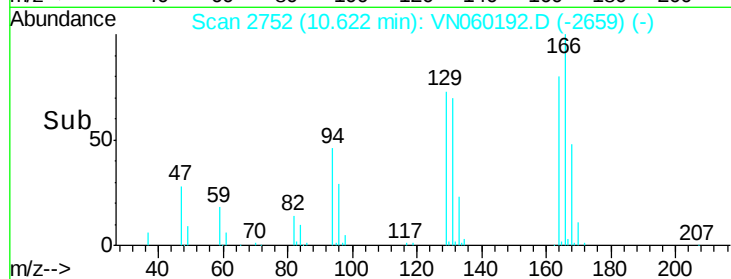
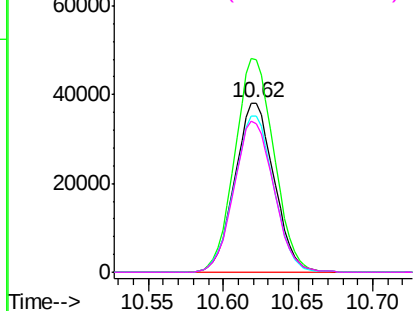
#64
Tetrachloroethene
Concen: 34.617 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060192.D
Acq: 21 Feb 2020 16:58

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.9	152.9
129	92.3	75.4	113.0
131	87.9	71.4	107.2

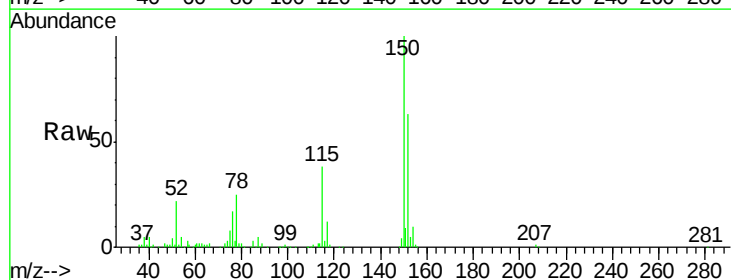


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060192.D
Acq: 21 Feb 2020 16:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.9	86.8
150	157.4	0.0	342.4



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

