

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061087.D
 Acq On : 18 Apr 2020 5:46
 Operator : JC/MD
 Sample : L2334-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY067MW013-200415

Quant Time: Apr 20 07:20:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

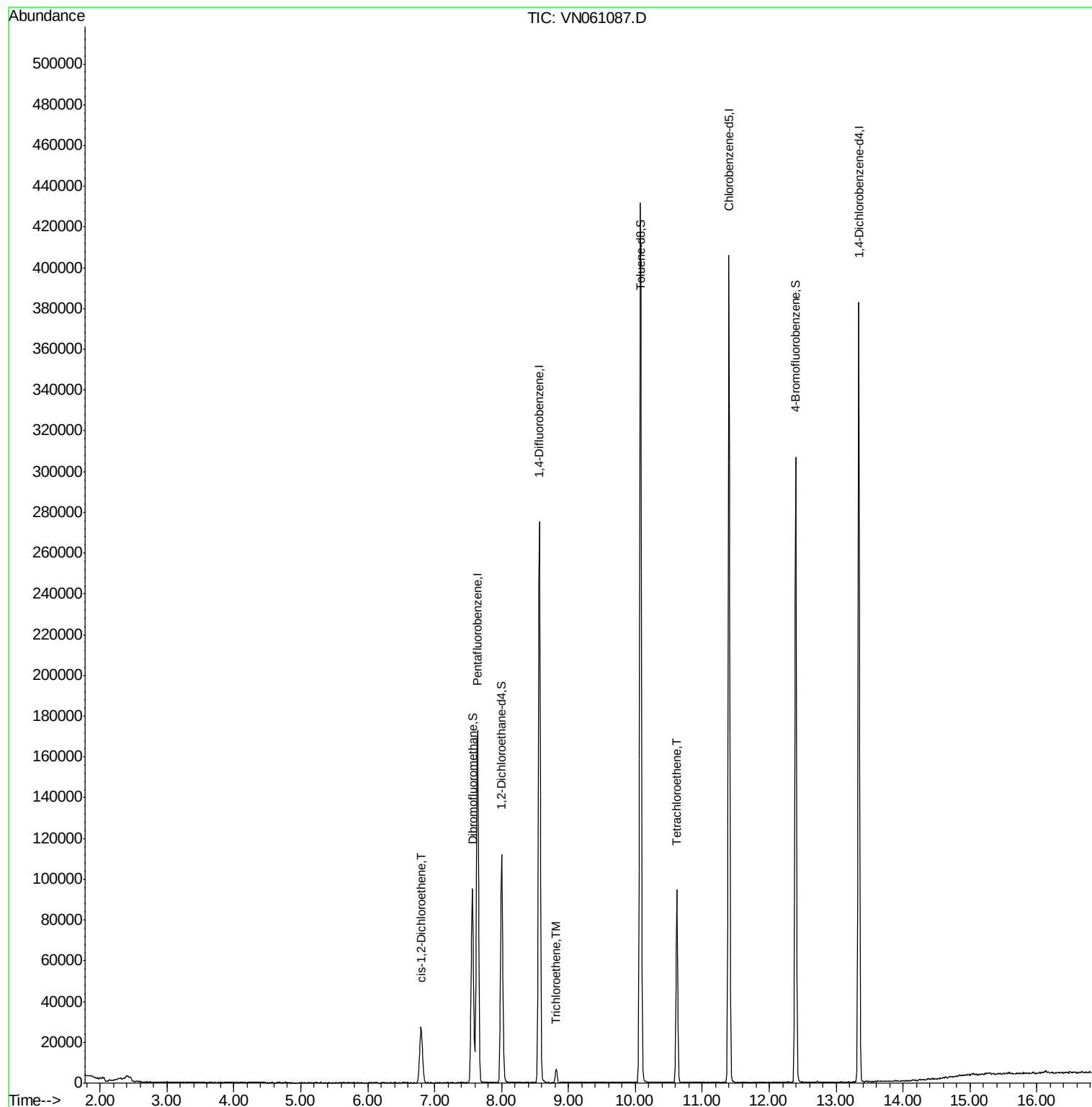
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	138245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	236875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	224921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96875	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
35) Dibromofluoromethane	7.56	113	73556	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
50) Toluene-d8	10.08	98	296736	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.54%	
62) 4-Bromofluorobenzene	12.40	95	107809	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.80	96	17827	9.596	ug/l	91
44) Trichloroethene	8.81	130	2589	1.421	ug/l	89
64) Tetrachloroethene	10.62	164	22019	12.793	ug/l	98

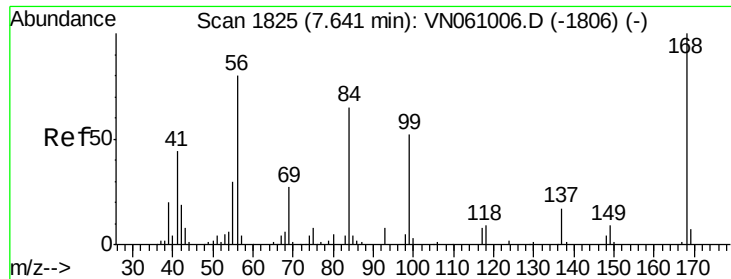
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

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Acq: 18 Apr 2020 5:46

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ClientSampleId :

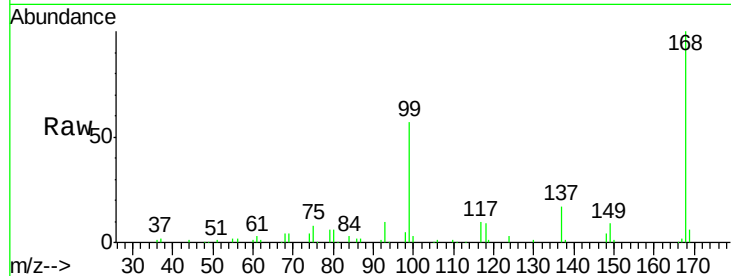
KY067MW013-200415

Tot Ion:168 Resp: 138245

Ion Ratio Lower Upper

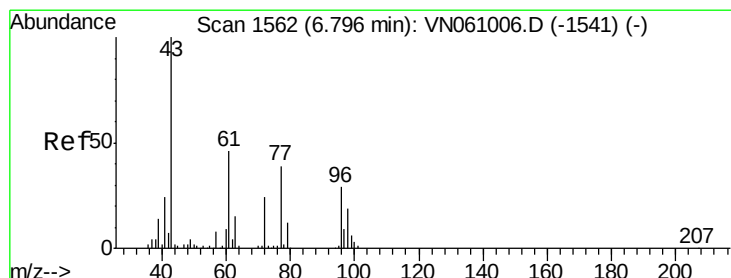
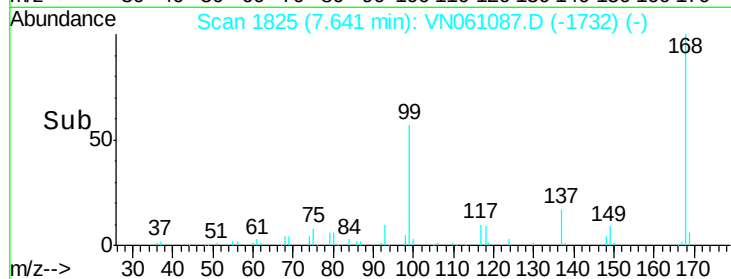
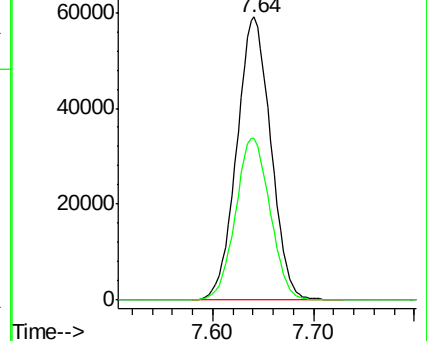
168 100

99 57.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#27

cis-1,2-Dichloroethene

Concen: 9.596 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061087.D

Acq: 18 Apr 2020 5:46

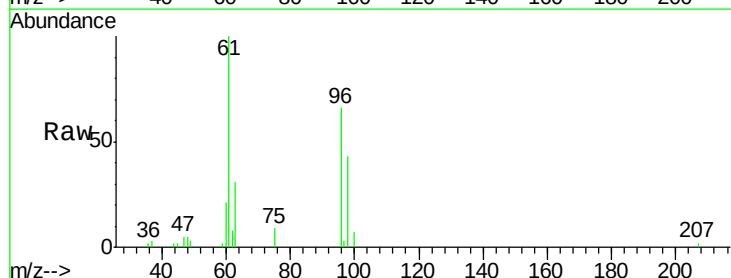
Tgt Ion: 96 Resp: 17827

Ion Ratio Lower Upper

96 100

61 142.8 0.0 317.4

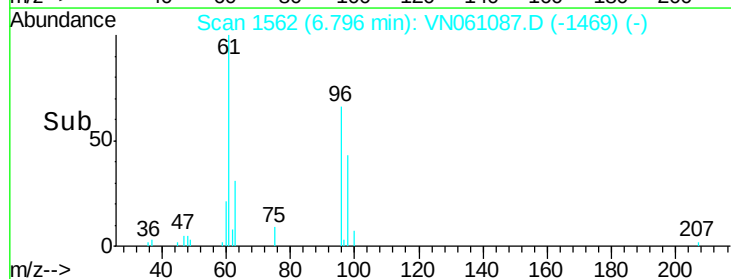
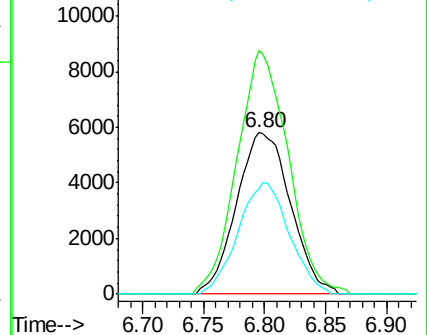
98 65.4 0.0 127.8

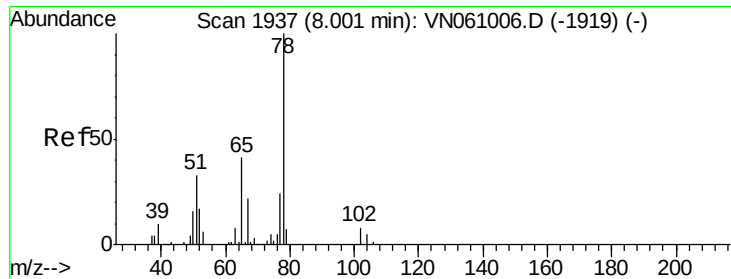


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

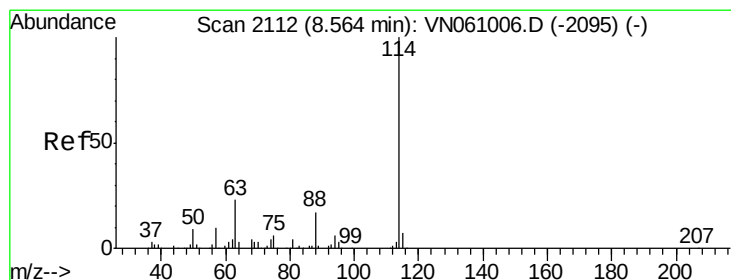
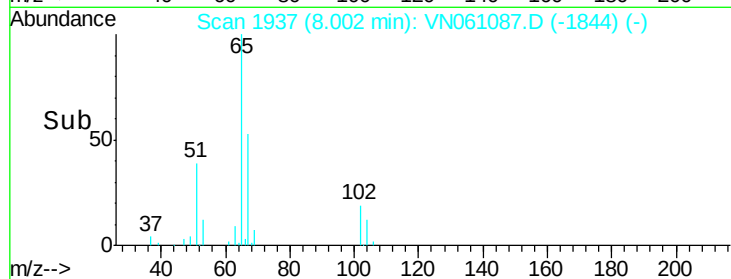
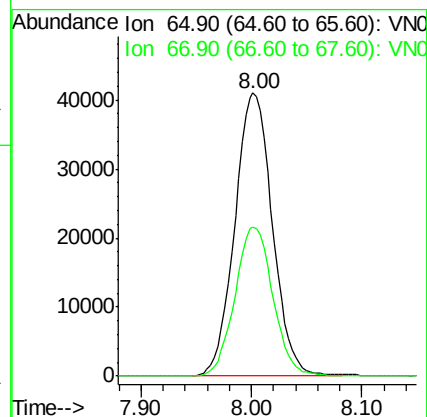
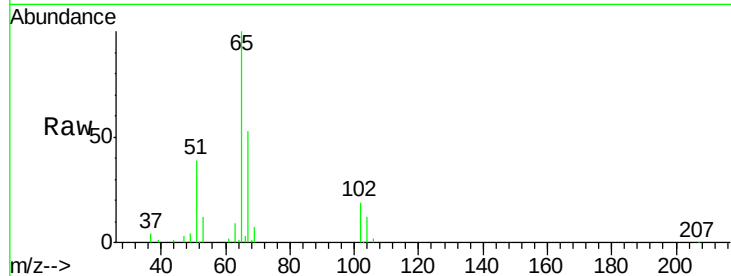




#33
 1,2-Dichloroethane-d4
 Concen: 54.770 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061087.D
 Acq: 18 Apr 2020 5:46

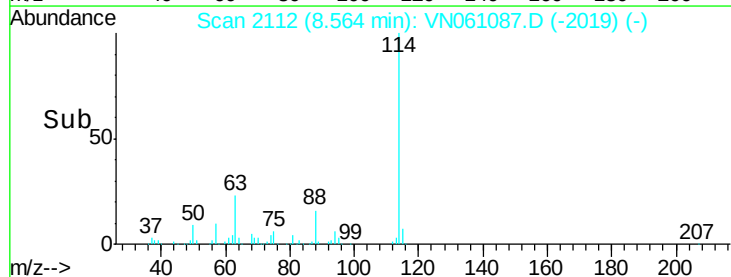
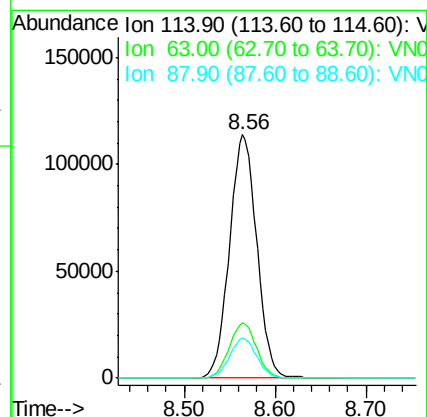
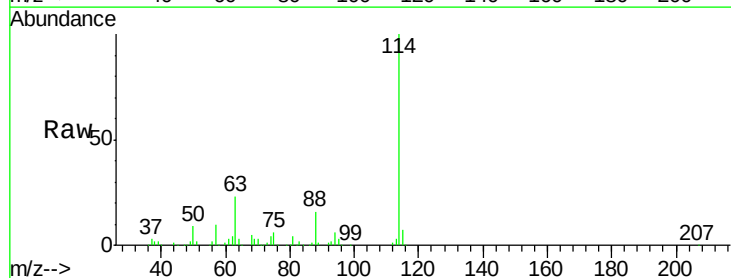
Instrument :
 MSVOA_N
 ClientSampleId :
 KY067MW013-200415

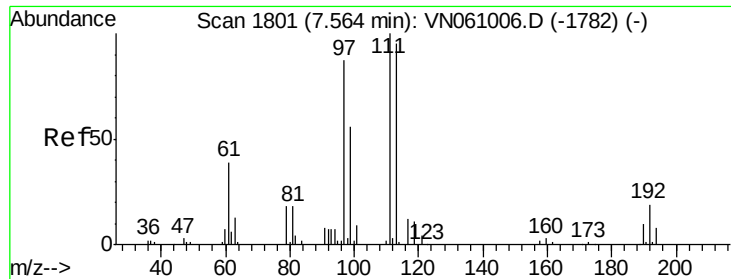
Tot Ion: 65 Resp: 96875
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061087.D
 Acq: 18 Apr 2020 5:46

Tgt Ion: 114 Resp: 236875
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.2
 88 16.3 0.0 33.4

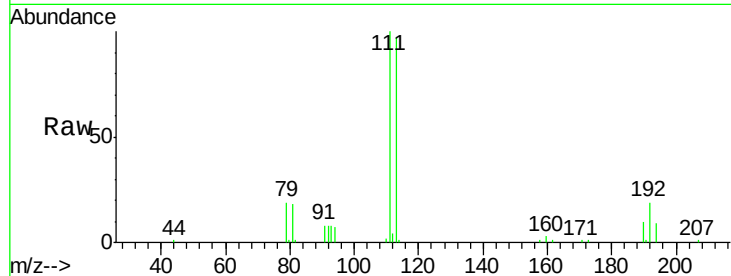




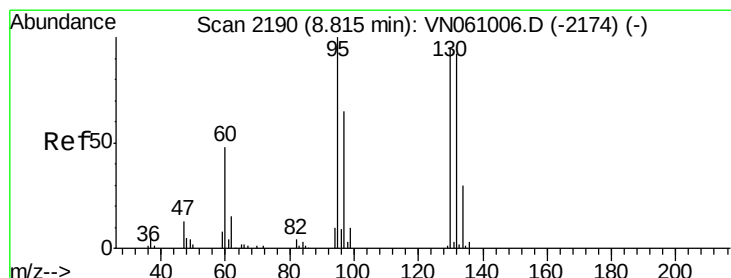
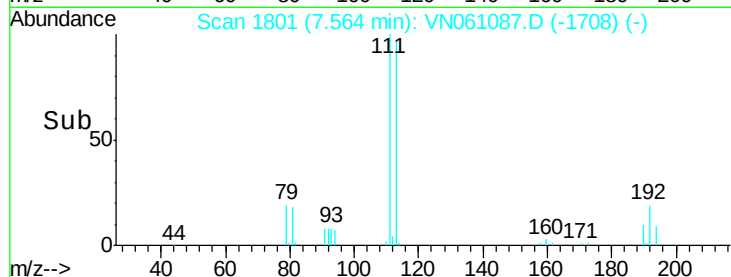
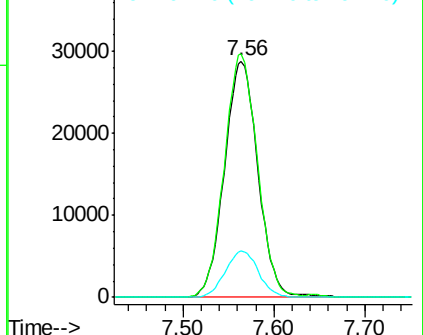
#35
Dibromofluoromethane
Concen: 53.174 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN061087.D
Acq: 18 Apr 2020 5:46

Instrument :
MSVOA_N
ClientSampleId :
KY067MW013-200415

Tot Ion:113 Resp: 73556
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 19.3 15.5 23.3

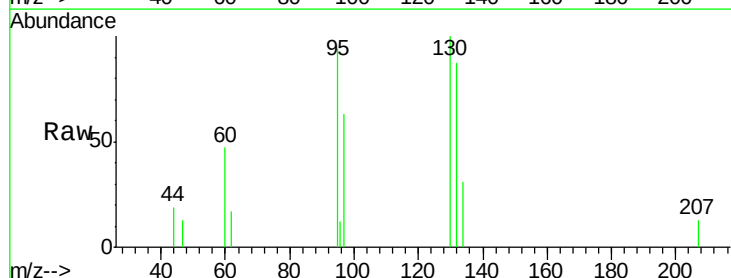


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

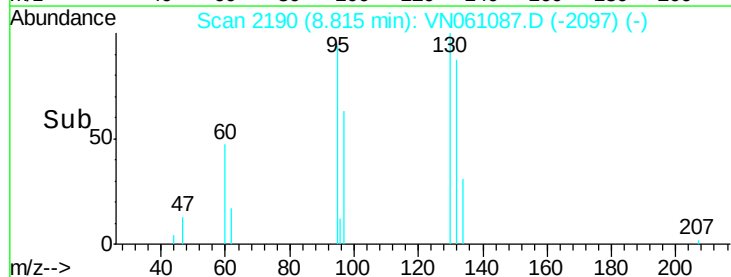
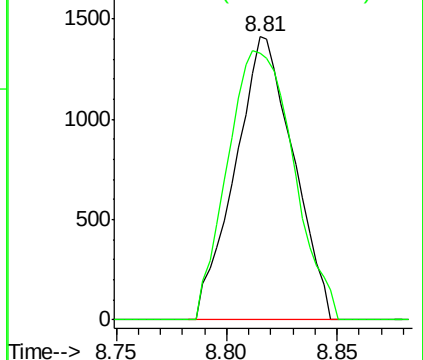


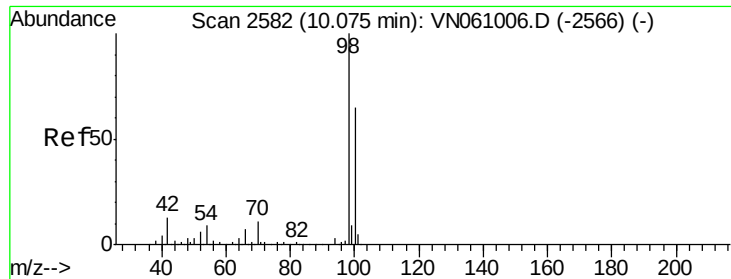
#44
Trichloroethene
Concen: 1.421 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VN061087.D
Acq: 18 Apr 2020 5:46

Tgt Ion:130 Resp: 2589
Ion Ratio Lower Upper
130 100
95 94.1 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 56.767 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061087.D

Acq: 18 Apr 2020 5:46

Instrument :

MSVOA_N

ClientSampleId :

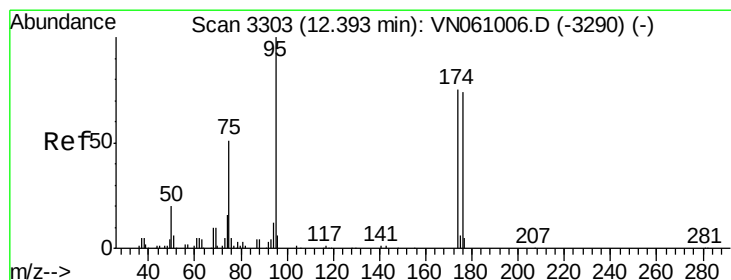
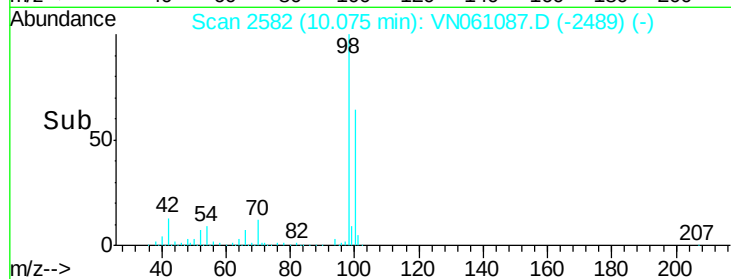
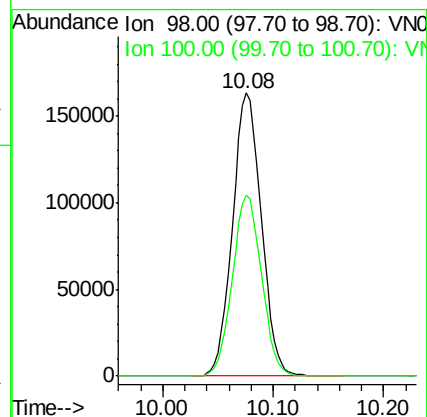
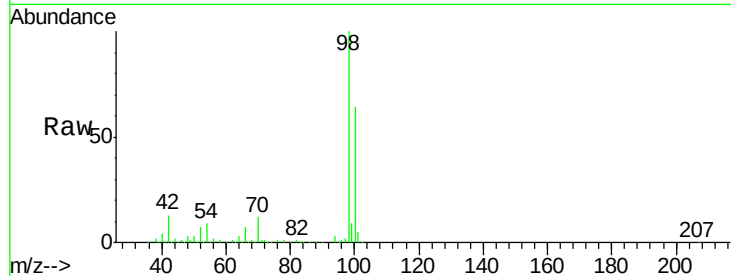
KY067MW013-200415

Tot Ion: 98 Resp: 296736

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.622 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061087.D

Acq: 18 Apr 2020 5:46

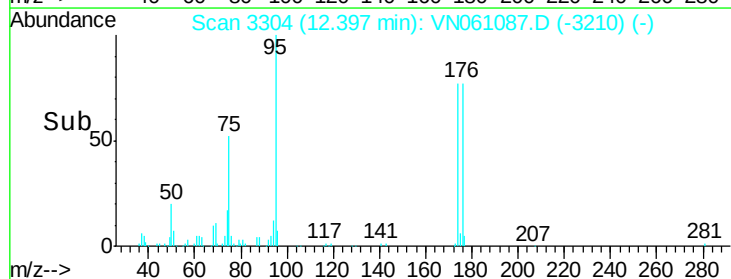
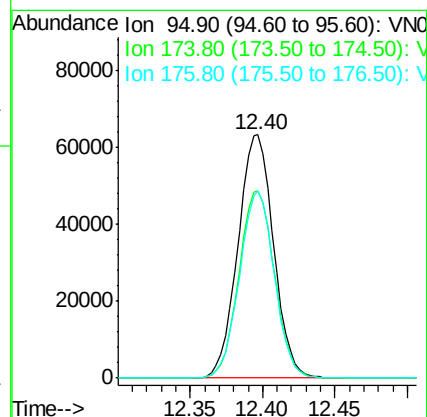
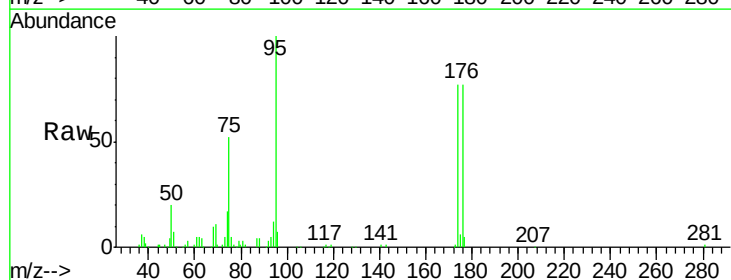
Tgt Ion: 95 Resp: 107809

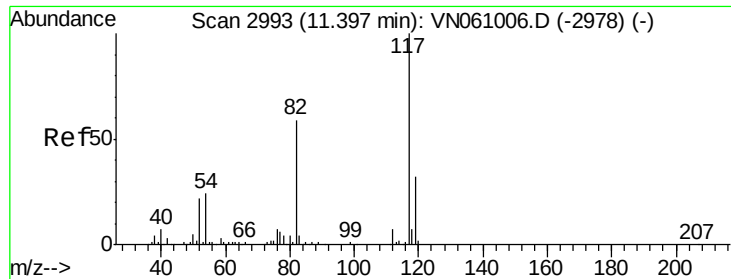
Ion Ratio Lower Upper

95 100

174 76.9 0.0 151.2

176 75.2 0.0 148.2

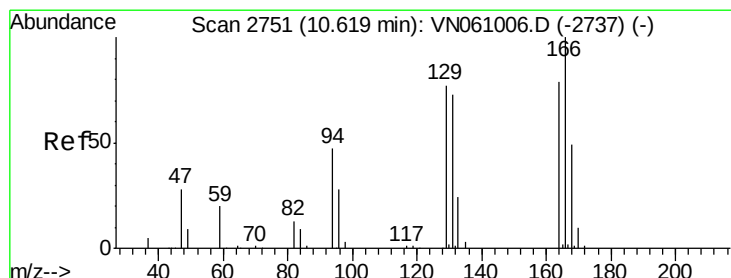
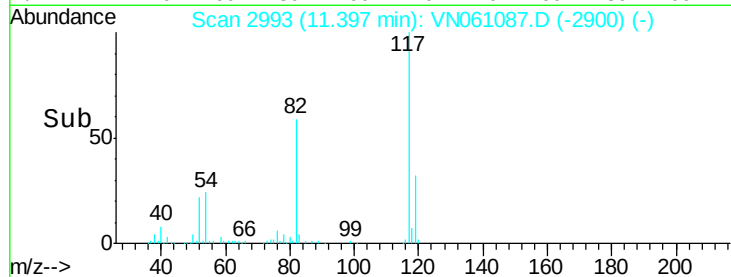
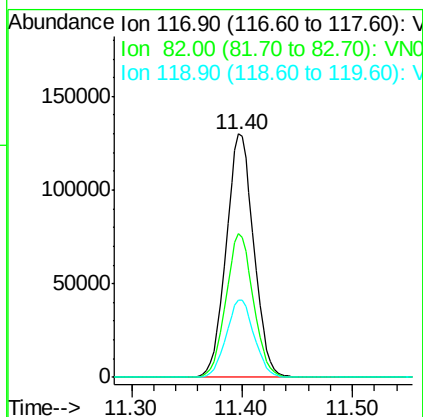
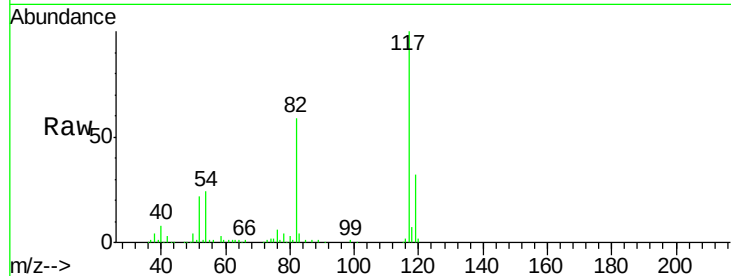




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061087.D
Acq: 18 Apr 2020 5:46

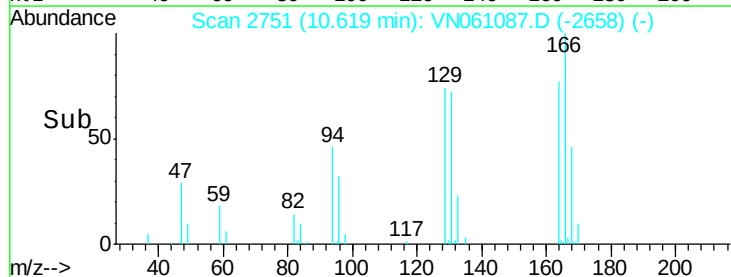
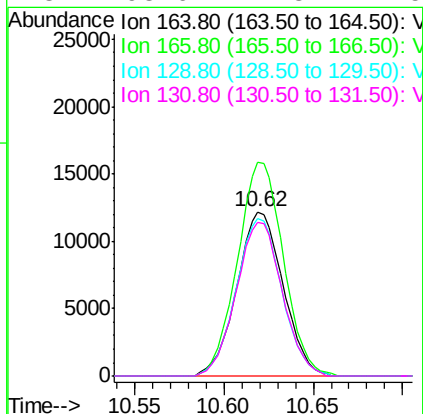
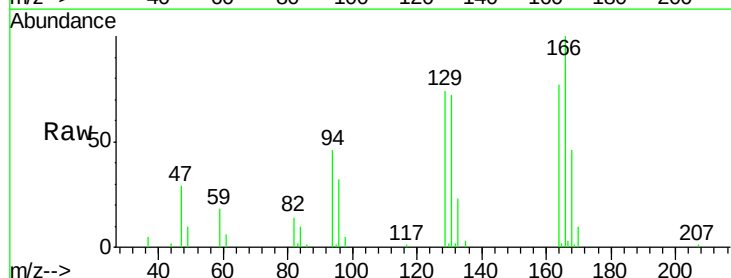
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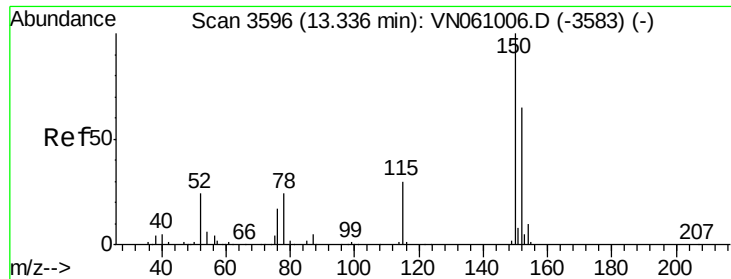
Tot Ion:117 Resp: 224921
Ion Ratio Lower Upper
117 100
82 58.9 47.1 70.7
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 12.793 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061087.D
Acq: 18 Apr 2020 5:46

Tgt Ion:164 Resp: 22019
Ion Ratio Lower Upper
164 100
166 130.0 101.6 152.4
129 96.0 78.5 117.7
131 93.6 74.3 111.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061087.D

Acq: 18 Apr 2020 5:46

Instrument :

MSVOA_N

ClientSampleId :

KY067MW013-200415

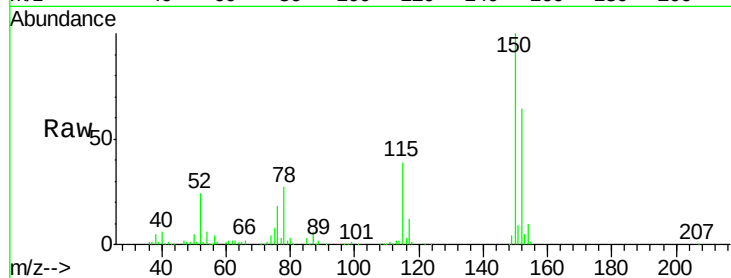
Tot Ion:152 Resp: 98681

Ion Ratio Lower Upper

152 100

115 60.1 30.8 92.4

150 155.9 0.0 349.0



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

