

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061340.D
 Acq On : 7 May 2020 17:39
 Operator : JC/MD
 Sample : L2548-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS050MW052-200504

Quant Time: May 08 09:23:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

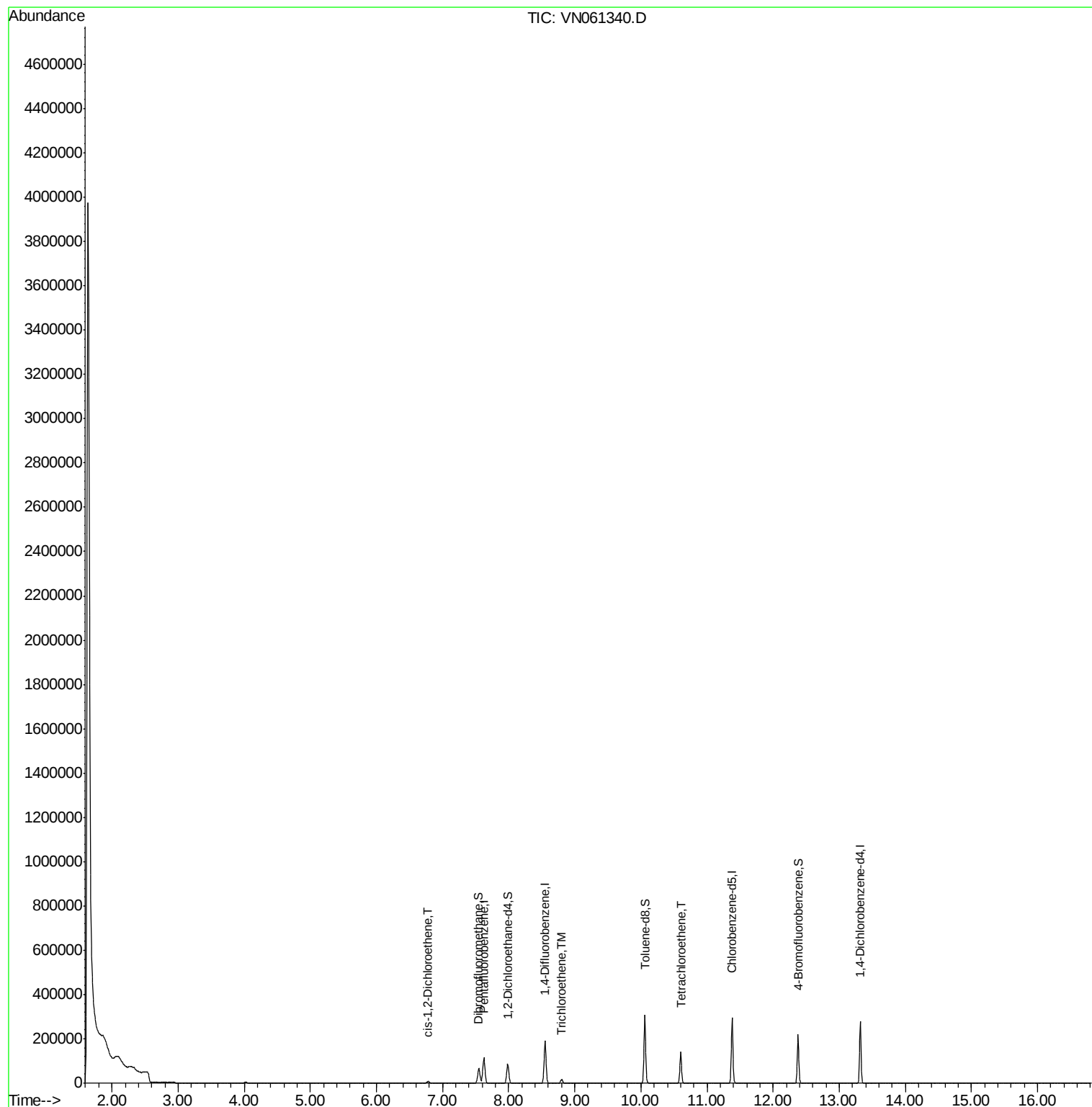
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	87545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	160369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	155335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	67814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	75461	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	7.55	113	49599	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
50) Toluene-d8	10.06	98	200743	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.38	95	73490	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	4325	3.664	ug/l	93
44) Trichloroethene	8.80	130	5983	4.627	ug/l	99
64) Tetrachloroethene	10.60	164	30289	22.514	ug/l	99

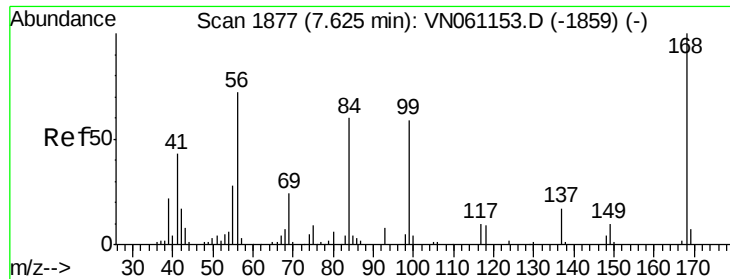
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061340.D

Acq: 7 May 2020 17:39

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ClientSampleId :

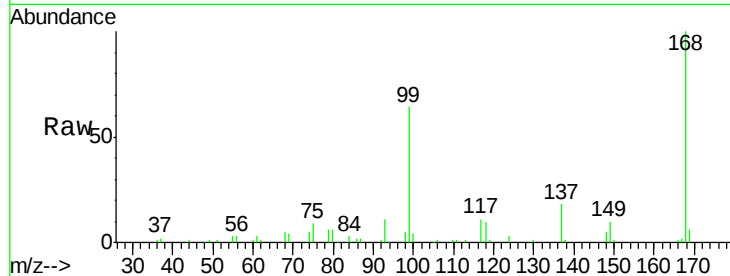
SS050MW052-200504

Tot Ion:168 Resp: 87545

Ion Ratio Lower Upper

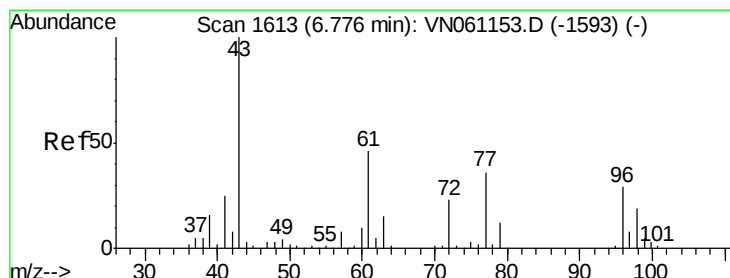
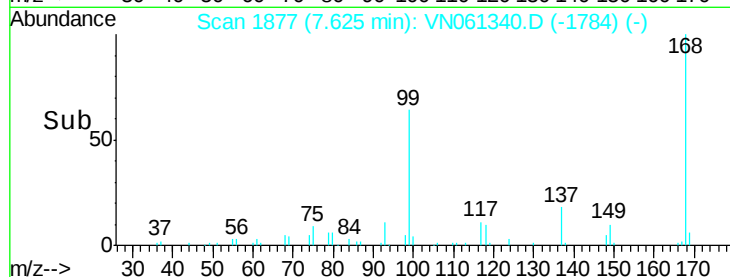
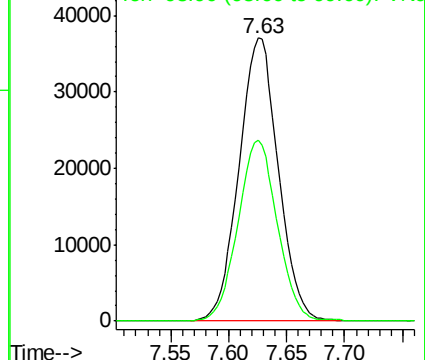
168 100

99 63.9 51.2 76.8



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: 3.664 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.01 min

Lab File: VN061340.D

Acq: 7 May 2020 17:39

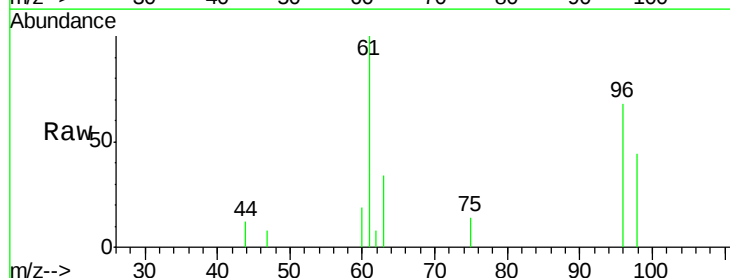
Tgt Ion: 96 Resp: 4325

Ion Ratio Lower Upper

96 100

61 147.8 0.0 322.0

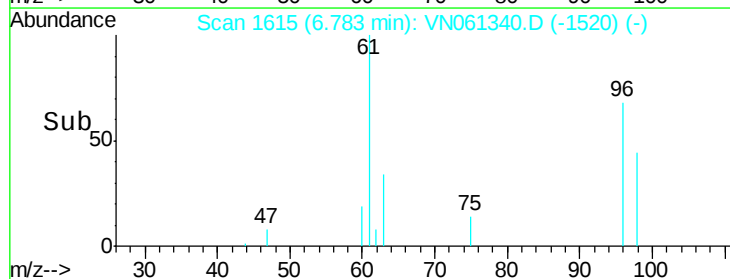
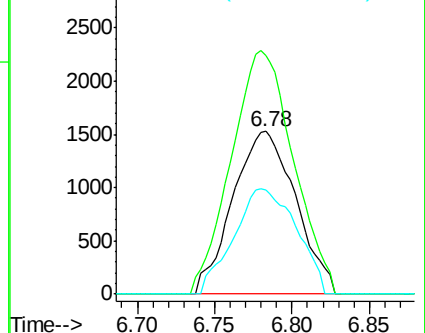
98 64.5 0.0 129.6

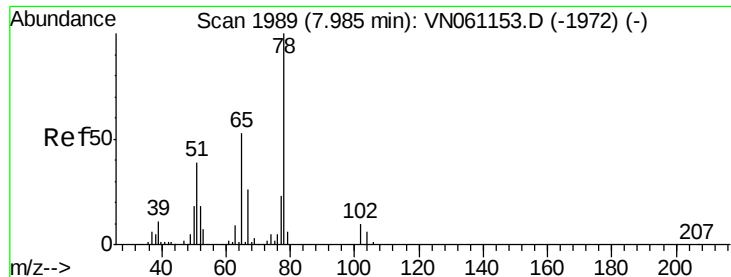


Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

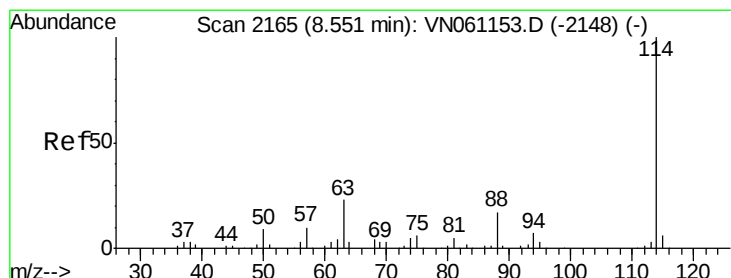
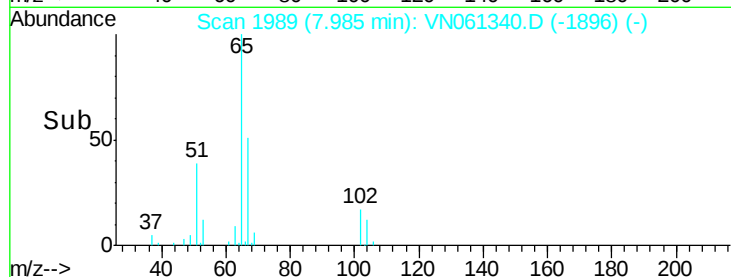
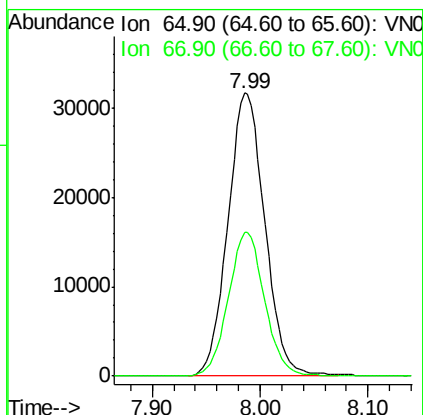
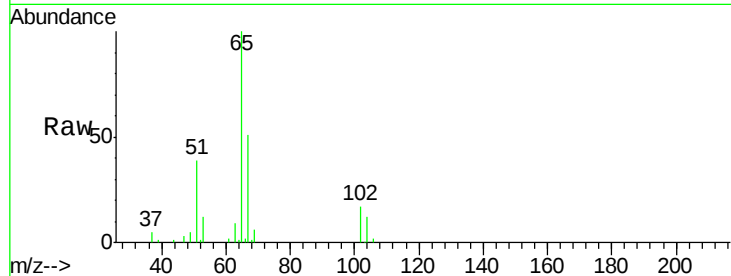




#33
 1,2-Dichloroethane-d4
 Concen: 54.475 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061340.D
 Acq: 7 May 2020 17:39

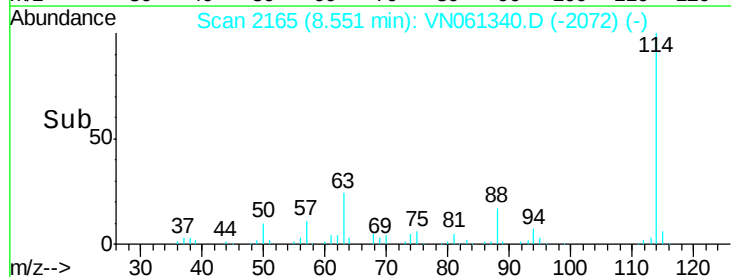
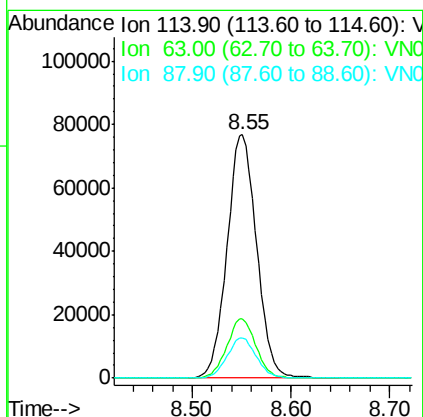
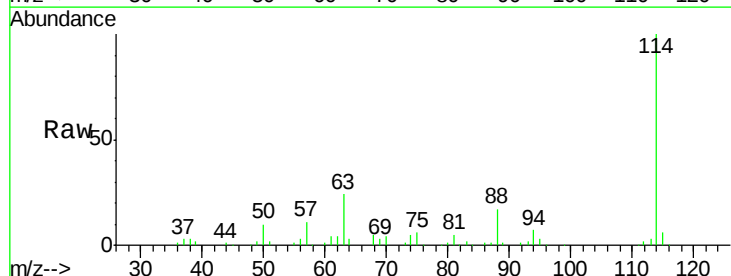
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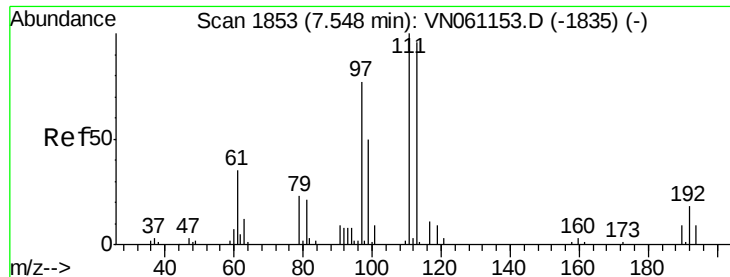
Tot Ion: 65 Resp: 75461
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061340.D
 Acq: 7 May 2020 17:39

Tgt Ion: 114 Resp: 160369
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 16.7 0.0 33.4

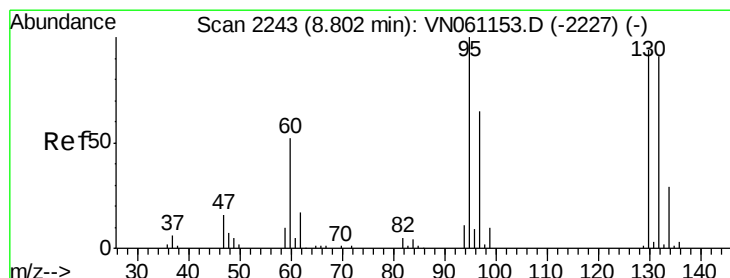
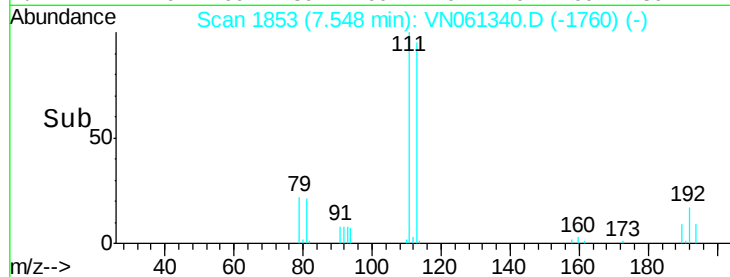
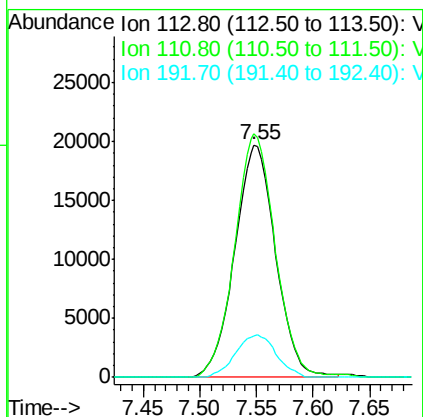
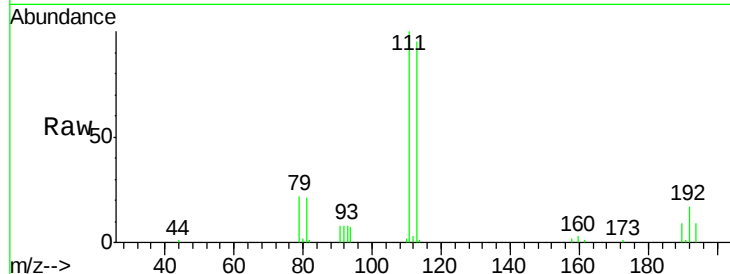




#35
 Dibromofluoromethane
 Concen: 52.303 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061340.D
 Acq: 7 May 2020 17:39

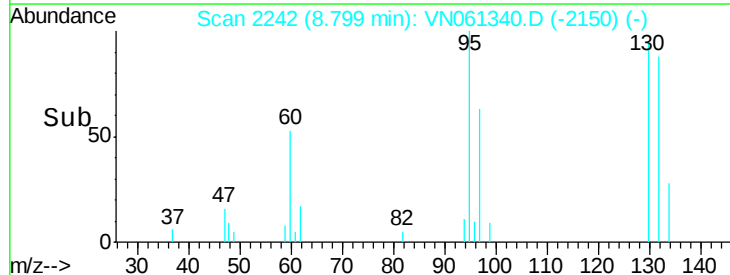
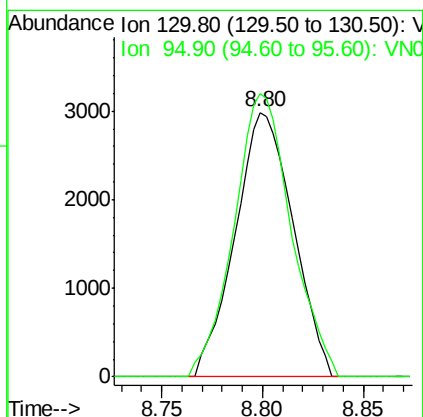
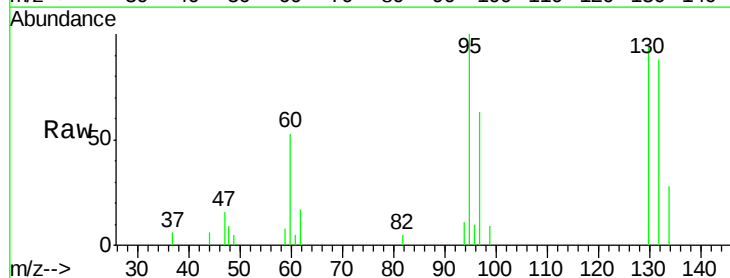
Instrument :
 MSVOA_N
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 SS050MW052-200504

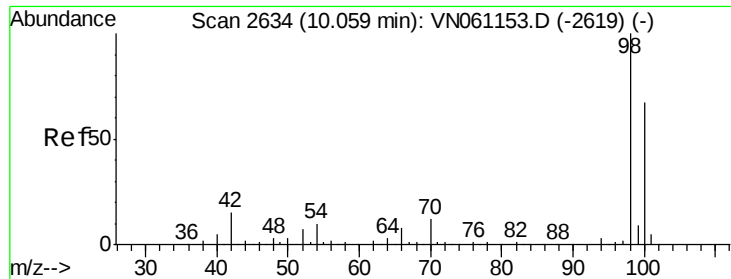
Tot Ion:113 Resp: 49599
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 18.2 14.7 22.1



#44
 Trichloroethene
 Concen: 4.627 ug/l
 RT: 8.80 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: VN061340.D
 Acq: 7 May 2020 17:39

Tgt Ion:130 Resp: 5983
 Ion Ratio Lower Upper
 130 100
 95 106.9 0.0 212.4

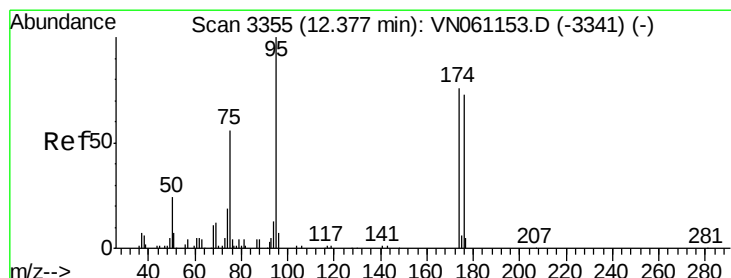
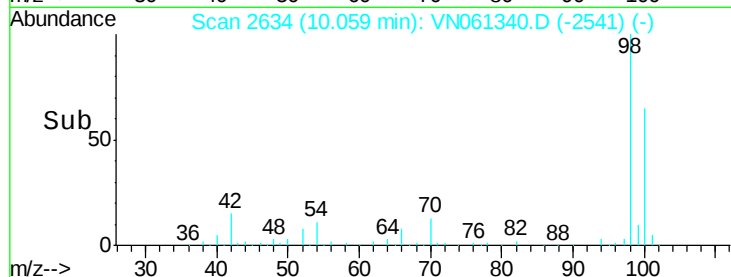
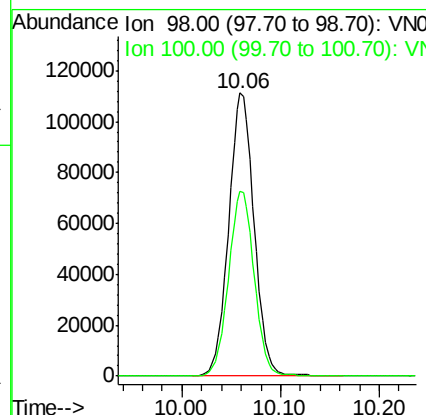
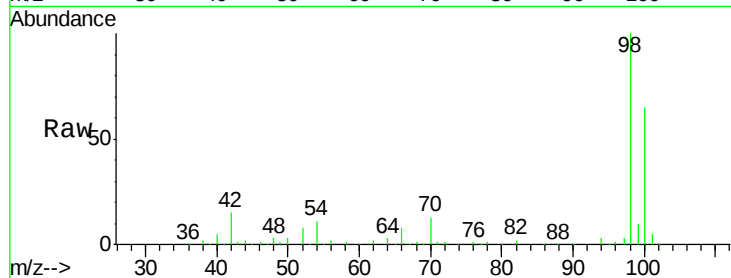




#50
Toluene-d8
Concen: 51.928 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061340.D
Acq: 7 May 2020 17:39

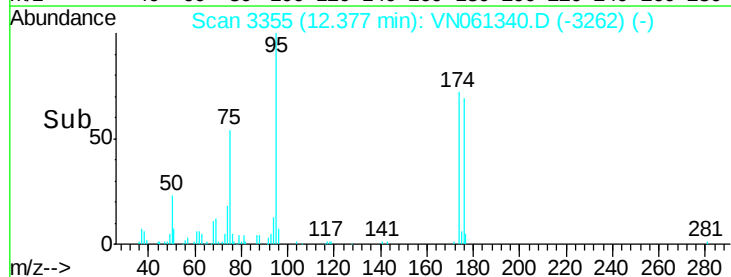
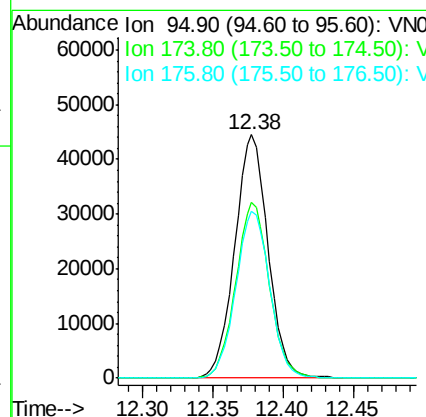
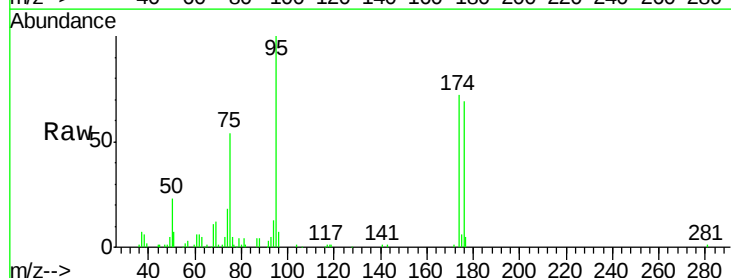
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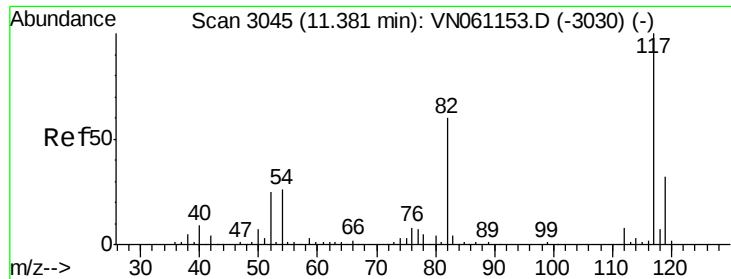
Tot Ion: 98 Resp: 200743
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 50.517 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061340.D
Acq: 7 May 2020 17:39

Tgt Ion: 95 Resp: 73490
Ion Ratio Lower Upper
95 100
174 72.7 0.0 149.4
176 69.9 0.0 144.8

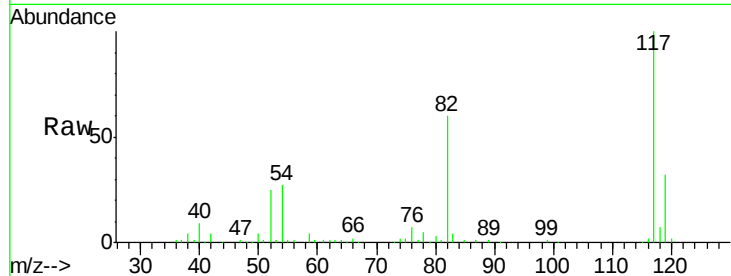




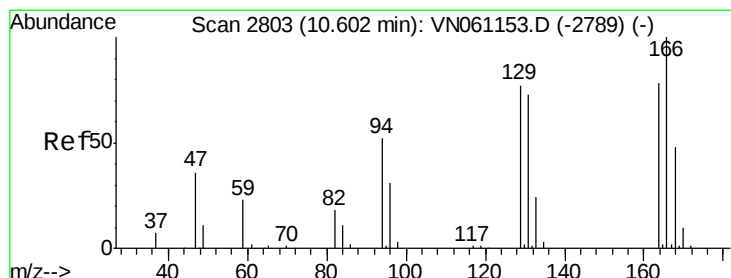
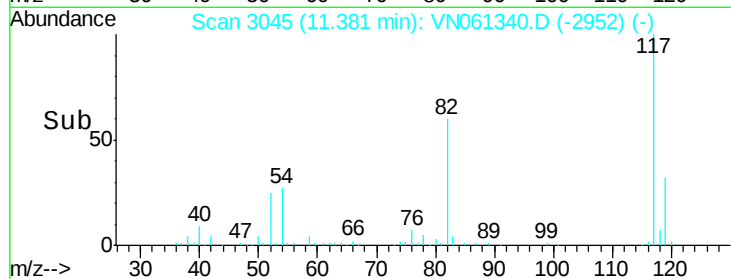
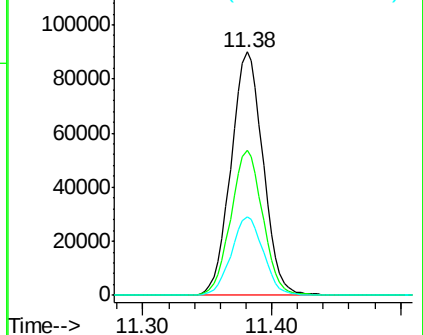
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061340.D
Acq: 7 May 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
SS050MW052-200504

Tot Ion:117 Resp: 155335
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.0 25.8 38.6

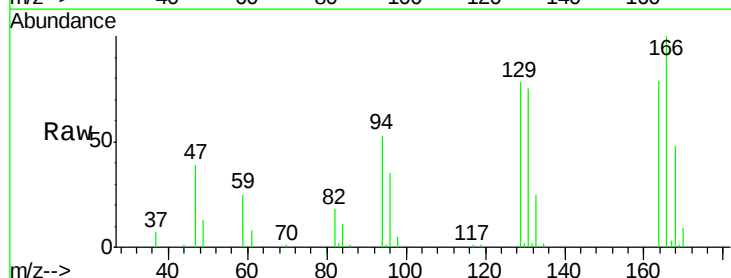


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

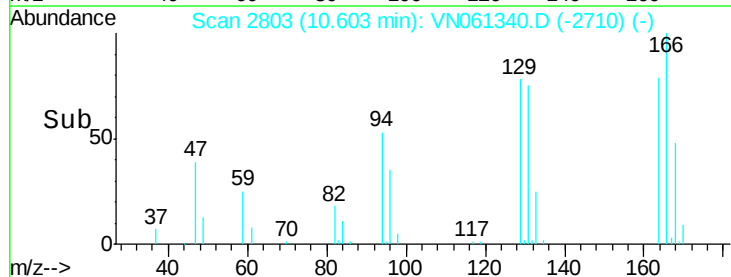
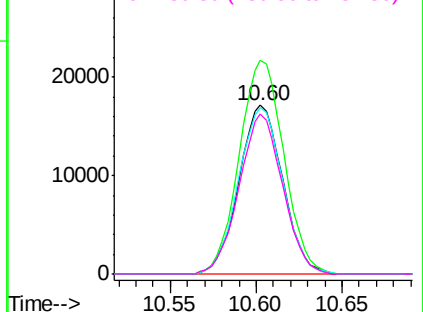


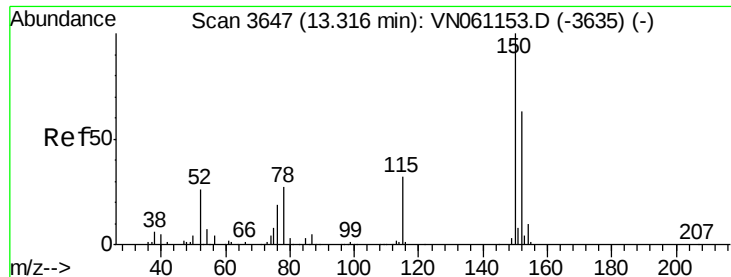
#64
Tetrachloroethene
Concen: 22.514 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061340.D
Acq: 7 May 2020 17:39

Tgt Ion:164 Resp: 30289
Ion Ratio Lower Upper
164 100
166 126.7 102.0 153.0
129 98.8 78.2 117.2
131 95.0 74.5 111.7



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: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061340.D

Acq: 7 May 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

SS050MW052-200504

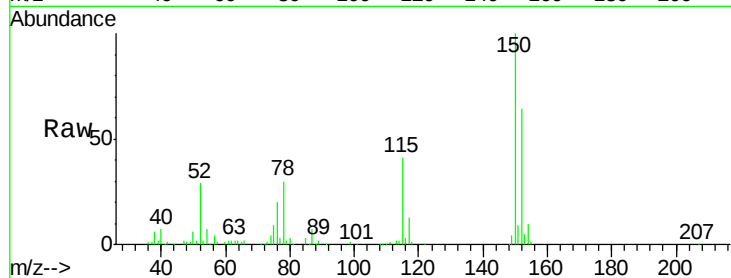
Tot Ion:152 Resp: 67814

Ion Ratio Lower Upper

152 100

115 62.2 31.0 93.0

150 156.8 0.0 351.8



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

