

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061330.D
 Acq On : 7 May 2020 13:47
 Operator : JC/MD
 Sample : PB128697ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128697ZHE#04

Quant Time: May 08 09:09:33 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

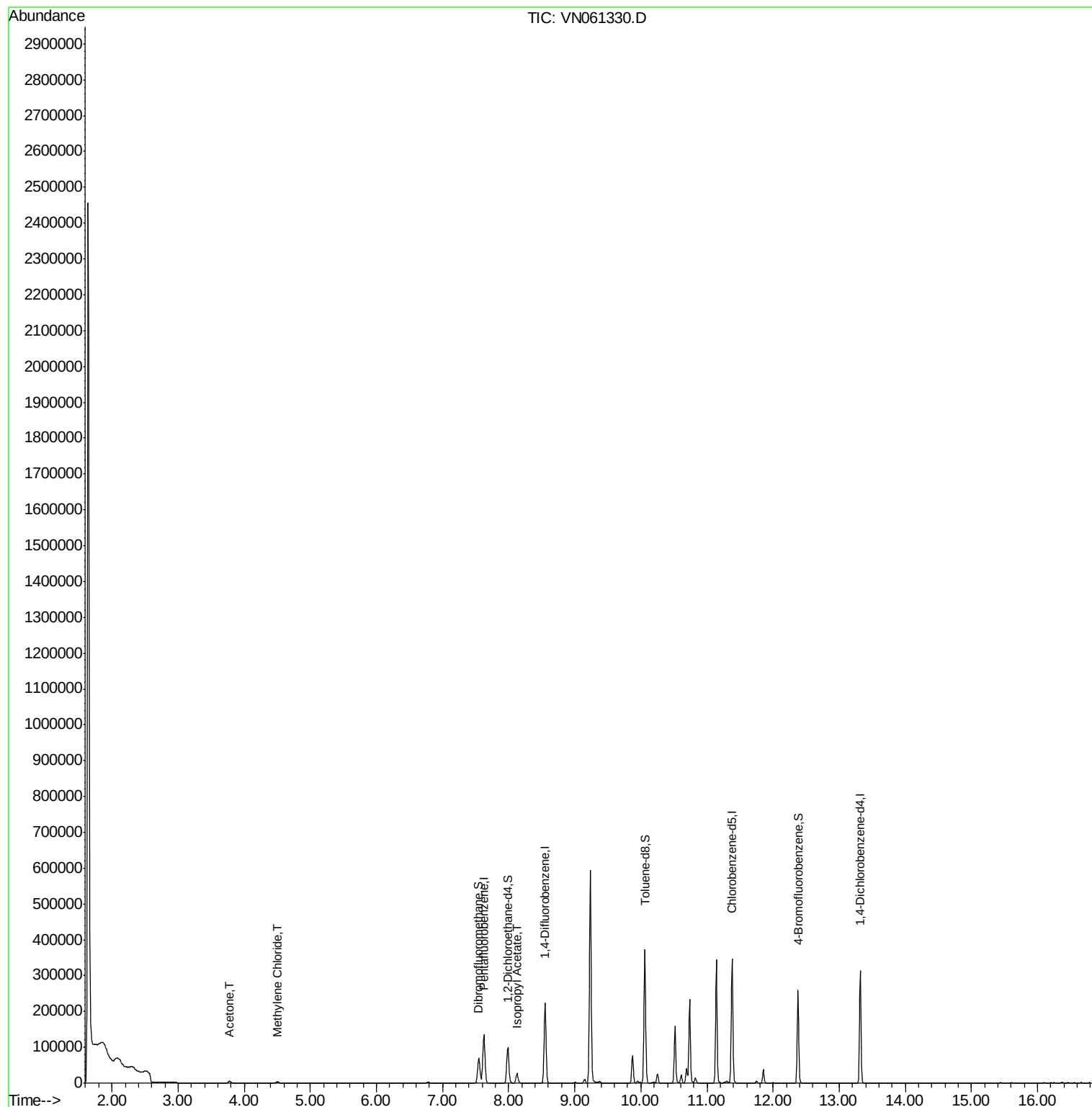
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	100513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	186291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	184197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	76809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	86681	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
35) Dibromofluoromethane	7.55	113	52854	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	10.06	98	239351	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.38	95	87562	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
Target Compounds						
16) Acetone	3.78	43	8107	7.828	ug/l	93
20) Methylene Chloride	4.51	84	2858	2.305	ug/l	94
43) Isopropyl Acetate	8.13	43	34029	9.379	ug/l #	90

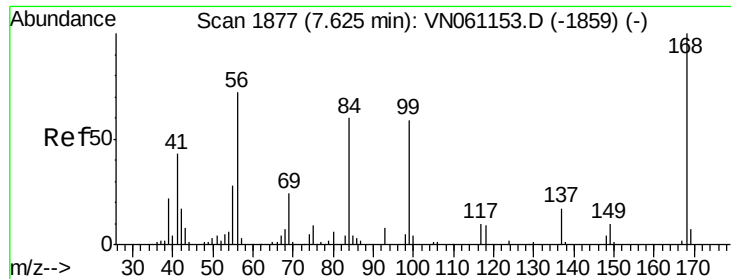
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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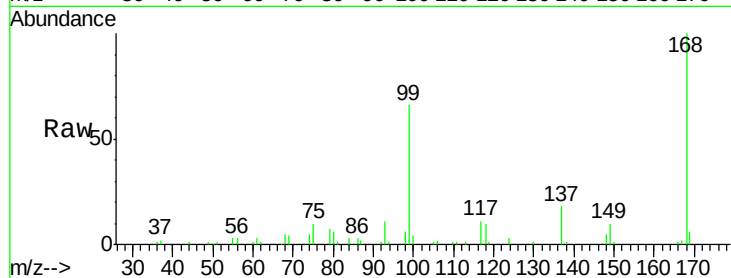




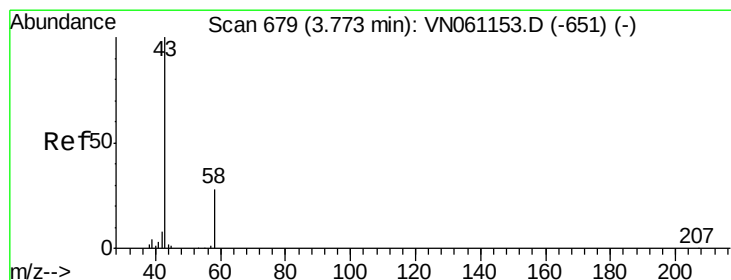
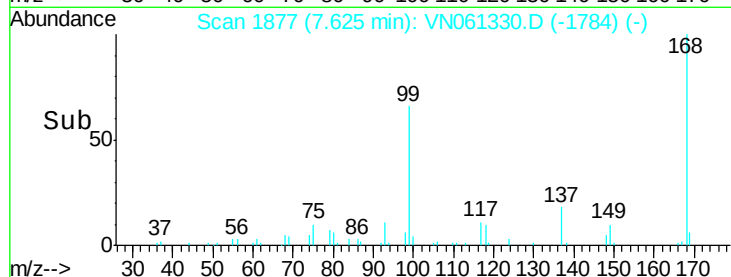
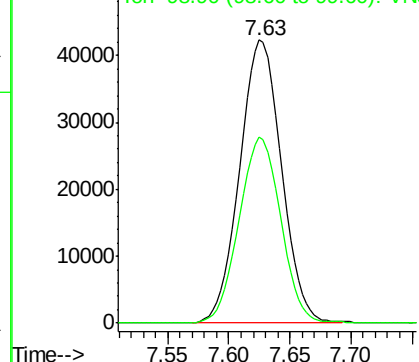
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061330.D
Acq: 7 May 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
PB128697ZHE#04

Tot Ion:168 Resp: 100513
Ion Ratio Lower Upper
168 100
99 65.6 51.2 76.8

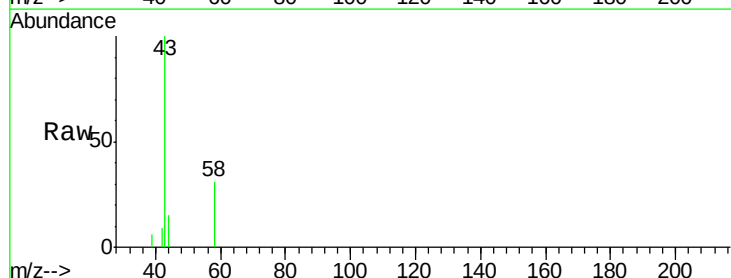


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0

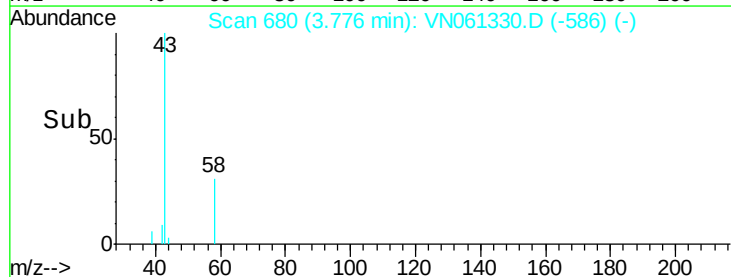
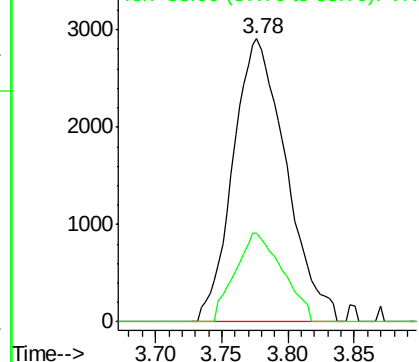


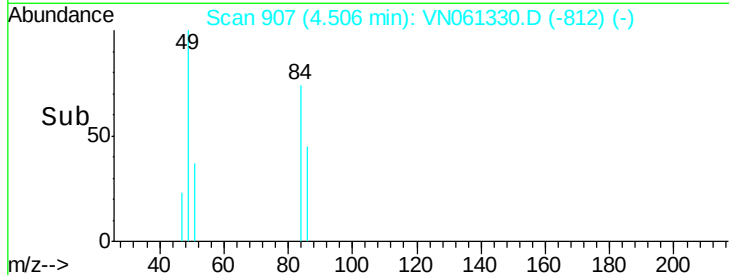
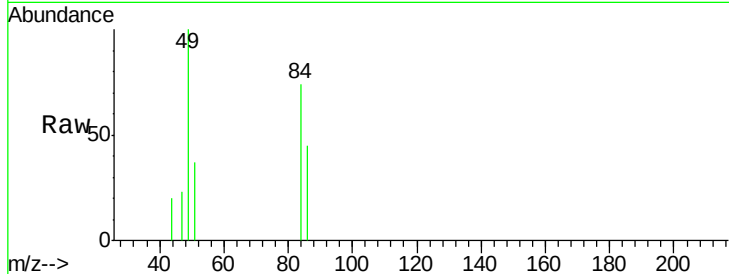
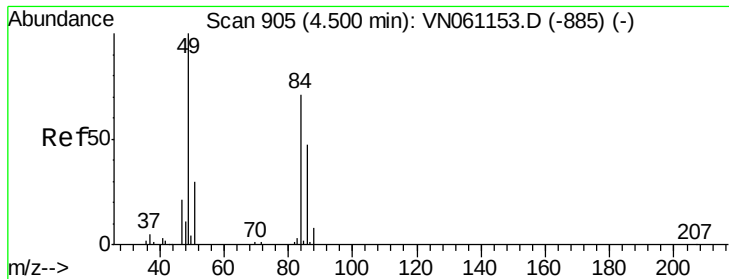
#16
Acetone
Concen: 7.828 ug/l
RT: 3.78 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN061330.D
Acq: 7 May 2020 13:47

Tgt Ion: 43 Resp: 8107
Ion Ratio Lower Upper
43 100
58 31.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

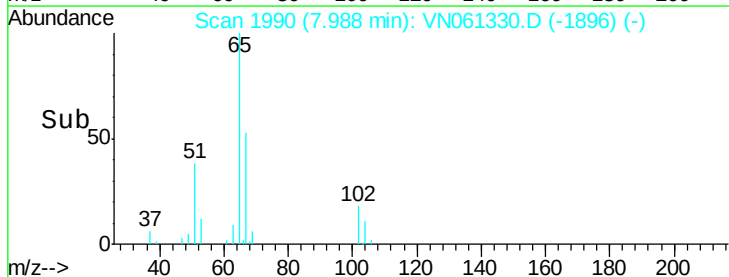
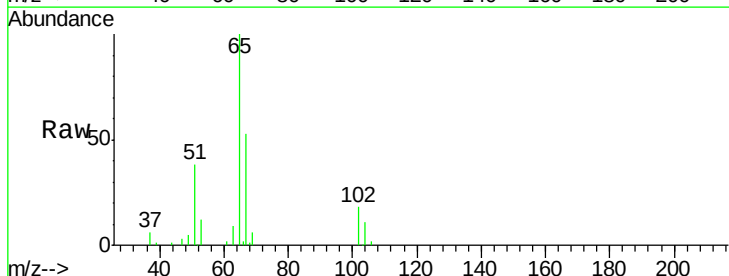
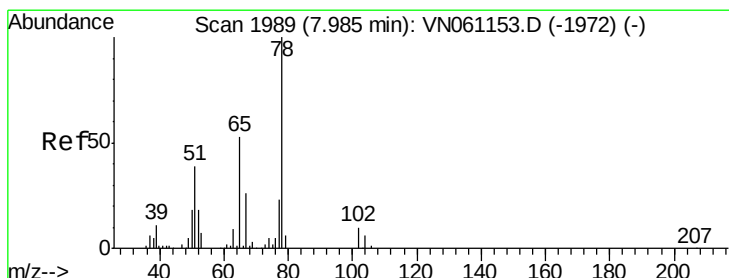
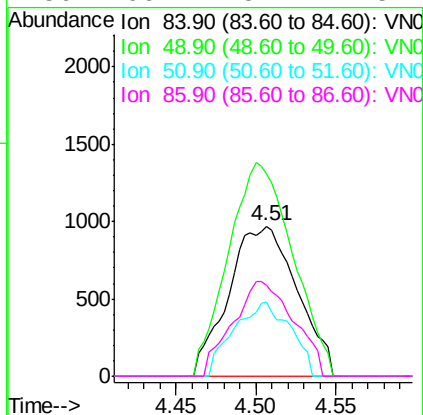




#20
Methylene Chloride
Concen: 2.305 ug/l
RT: 4.51 min Scan# 907
Delta R.T. 0.01 min
Lab File: VN061330.D
Acq: 7 May 2020 13:47

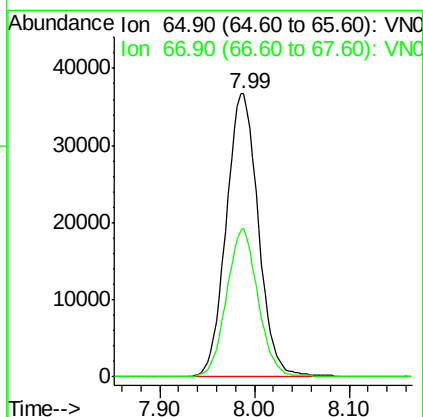
Instrument :
MSVOA_N
ClientSampleId :
PB128697ZHE#04

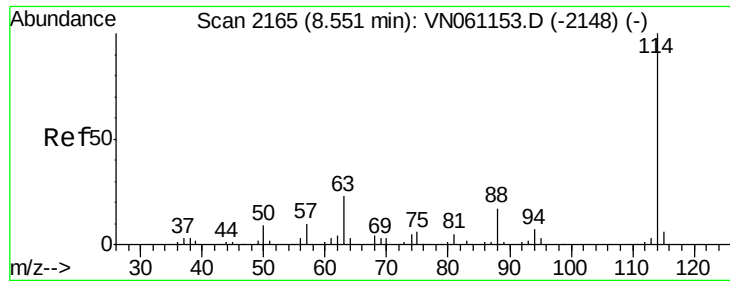
Tot Ion:	84	Resp:	2858
Ion	Ratio	Lower	Upper
84	100		
49	134.5	112.0	168.0
51	49.1	33.6	50.4
86	60.2	52.1	78.1



#33
1,2-Dichloroethane-d4
Concen: 54.502 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061330.D
Acq: 7 May 2020 13:47

Tgt Ion:	65	Resp:	86681
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.6

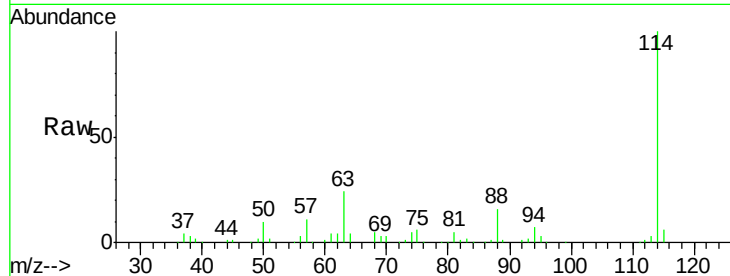




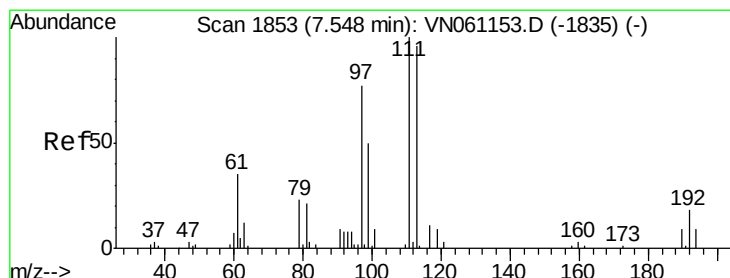
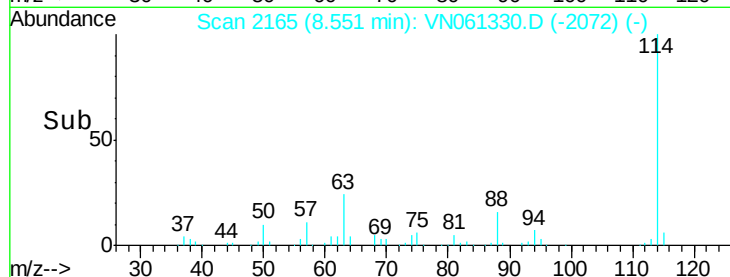
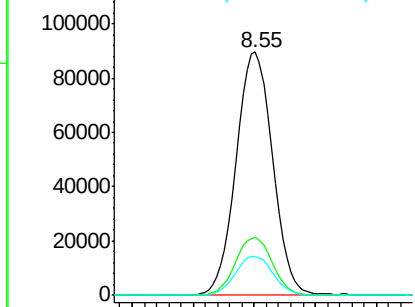
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061330.D
 Acq: 7 May 2020 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128697ZHE#04

Tot Ion:114 Resp: 186291
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 16.1 0.0 33.4

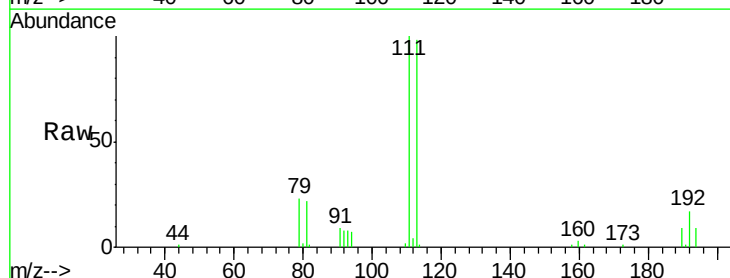


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

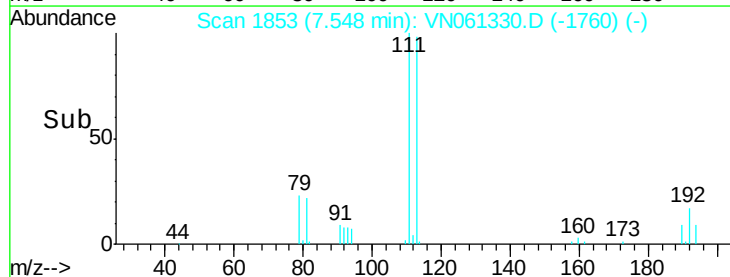
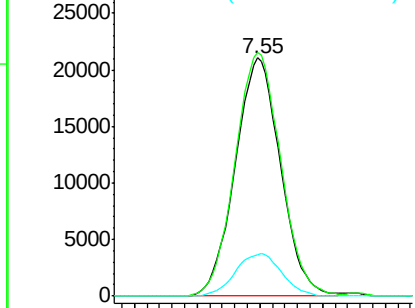


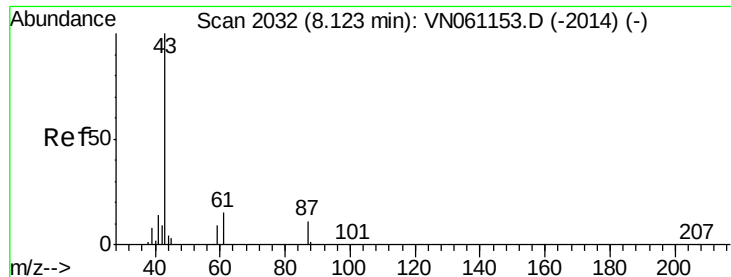
#35
 Dibromofluoromethane
 Concen: 47.980 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061330.D
 Acq: 7 May 2020 13:47

Tgt Ion:113 Resp: 52854
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 18.0 14.7 22.1



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





#43

Isopropyl Acetate

Concen: 9.379 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061330.D

Acq: 7 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB128697ZHE#04

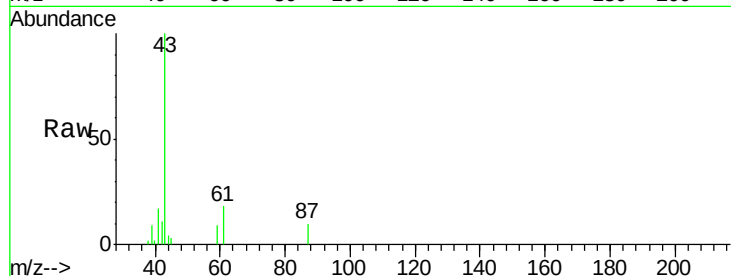
Tot Ion: 43 Resp: 34029

Ion Ratio Lower Upper

43 100

61 17.6 19.5 29.3#

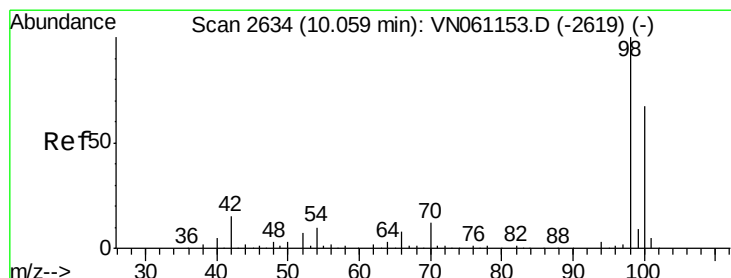
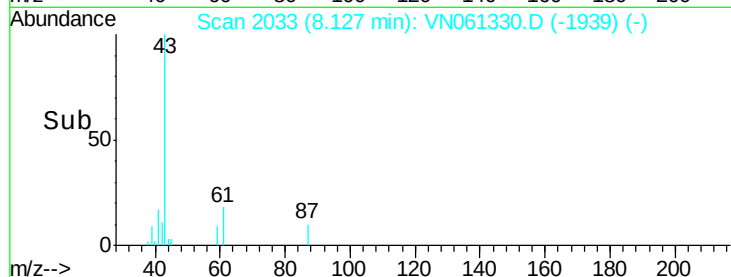
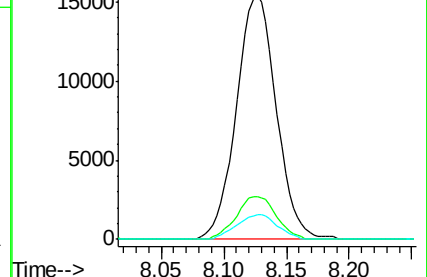
87 10.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#50

Toluene-d8

Concen: 53.300 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061330.D

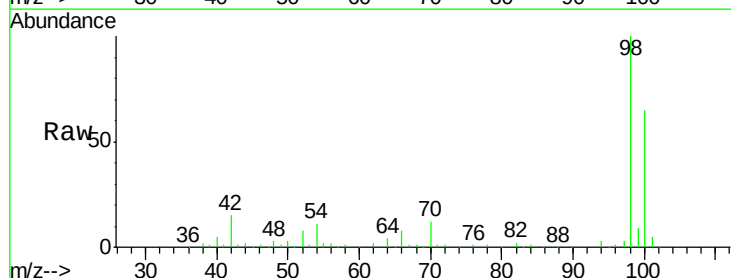
Acq: 7 May 2020 13:47

Tgt Ion: 98 Resp: 239351

Ion Ratio Lower Upper

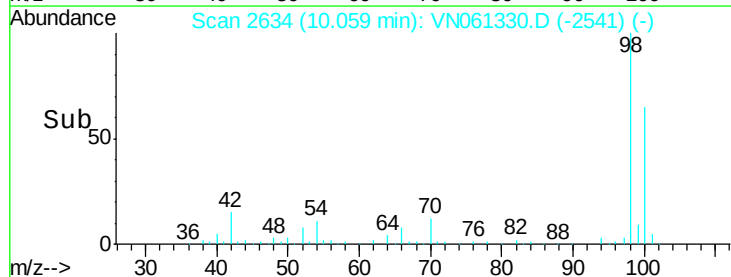
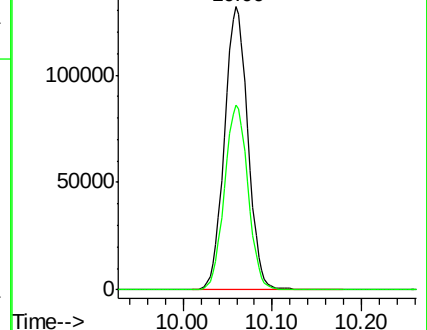
98 100

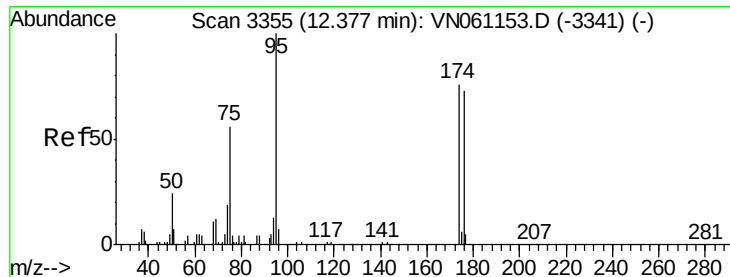
100 65.6 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)





#62

4-Bromofluorobenzene

Concen: 51.815 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061330.D

Acq: 7 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB128697ZHE#04

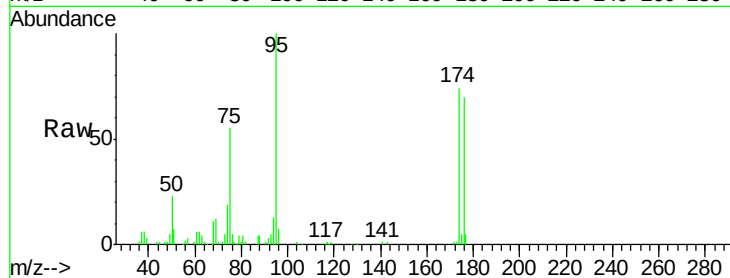
Tot Ion: 95 Resp: 87562

Ion Ratio Lower Upper

95 100

174 73.0 0.0 149.4

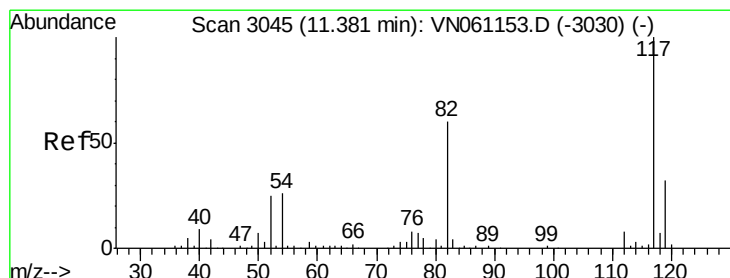
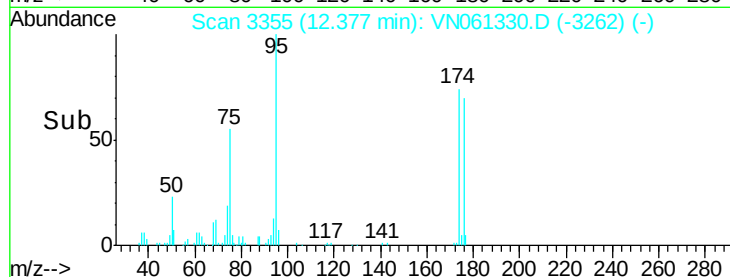
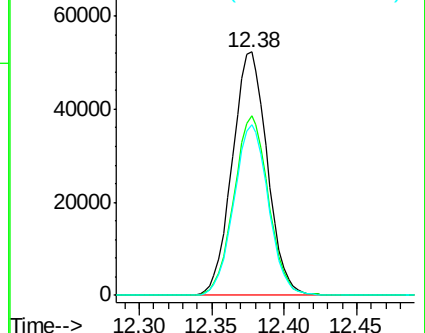
176 69.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061330.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061330.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061330.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061330.D

Acq: 7 May 2020 13:47

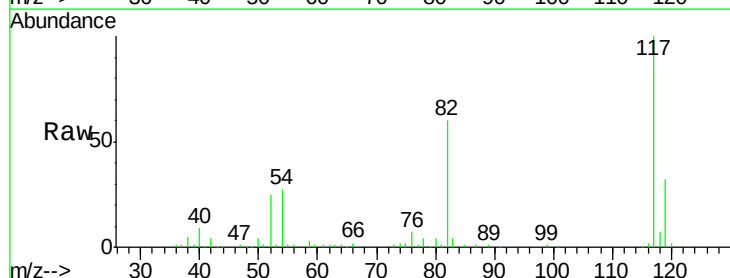
Tgt Ion: 117 Resp: 184197

Ion Ratio Lower Upper

117 100

82 60.2 47.8 71.8

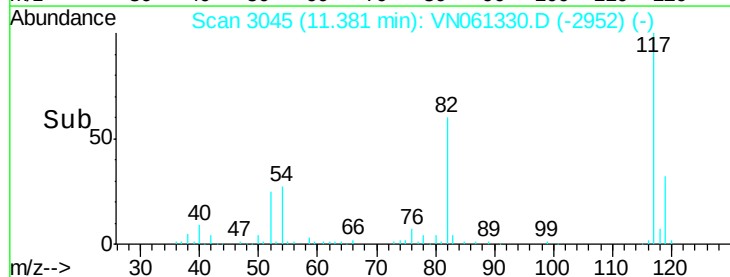
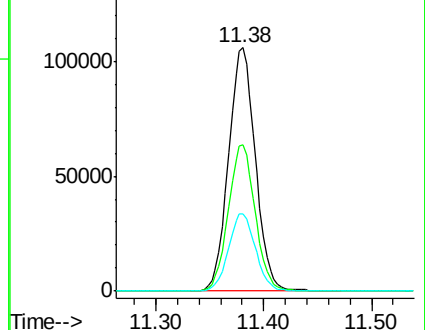
119 31.9 25.8 38.6

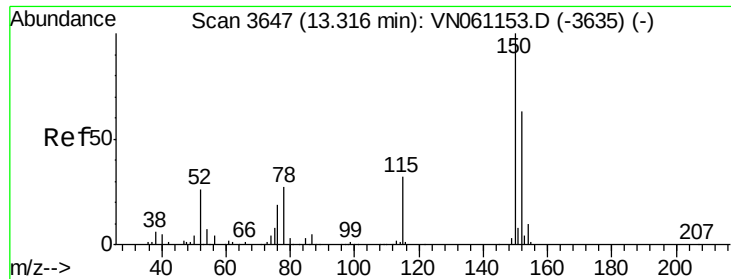


Abundance Ion 116.90 (116.60 to 117.60): VN061330.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061330.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061330.D (-2952) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061330.D

Acq: 7 May 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB128697ZHE#04

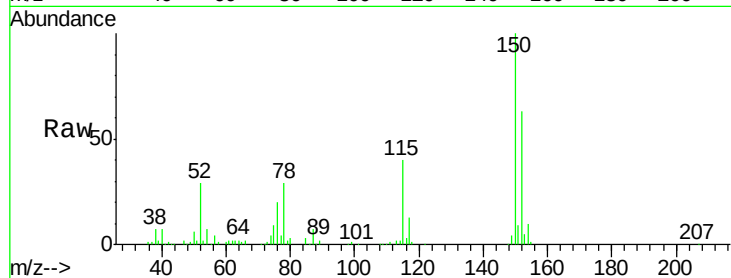
Tot Ion:152 Resp: 76809

Ion Ratio Lower Upper

152 100

115 63.7 31.0 93.0

150 157.9 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

