

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061328.D
 Acq On : 7 May 2020 13:01
 Operator : JC/MD
 Sample : PB128697ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128697ZHE#02

Quant Time: May 08 09:07:31 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

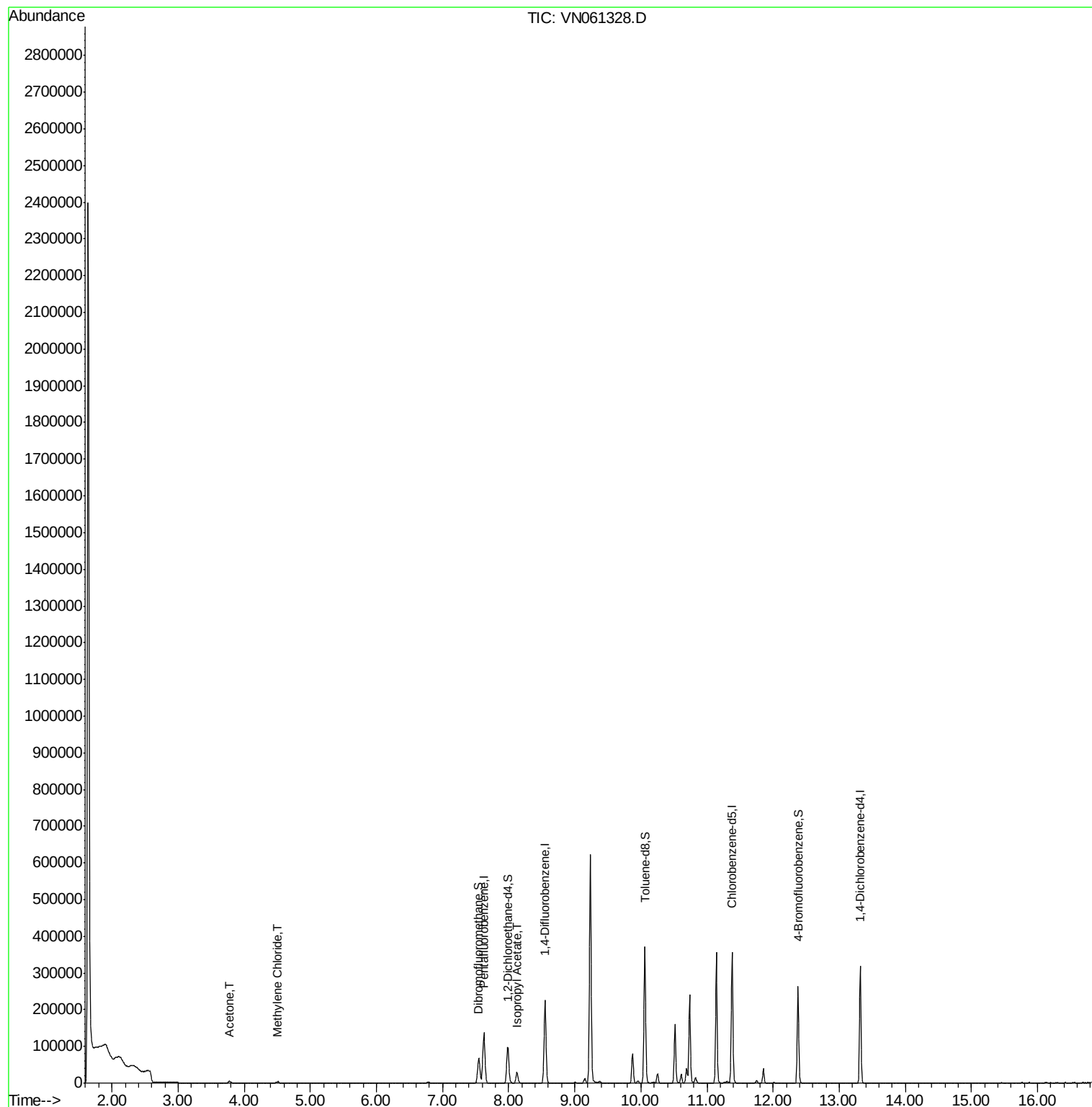
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	102335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	187917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	186379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	87761	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
35) Dibromofluoromethane	7.55	113	50714	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
50) Toluene-d8	10.06	98	240031	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.38	95	88539	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
Target Compounds						
16) Acetone	3.78	43	8902	8.887	ug/l	90
20) Methylene Chloride	4.50	84	2975	2.356	ug/l	98
43) Isopropyl Acetate	8.12	43	34906	9.537	ug/l #	92

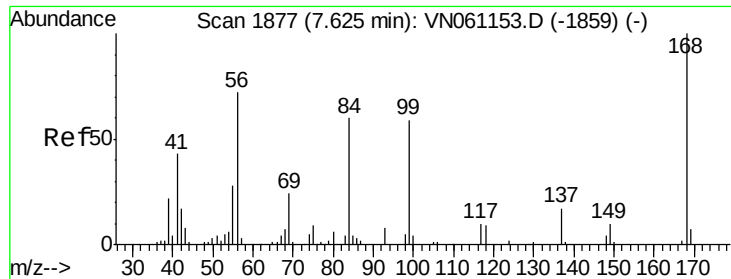
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061328.D

Acq: 7 May 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

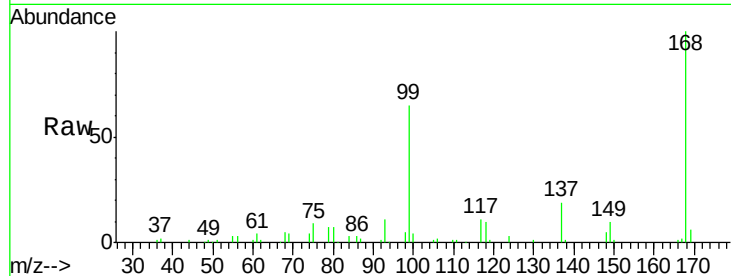
PB128697ZHE#02

Tot Ion:168 Resp: 102335

Ion Ratio Lower Upper

168 100

99 65.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

40000

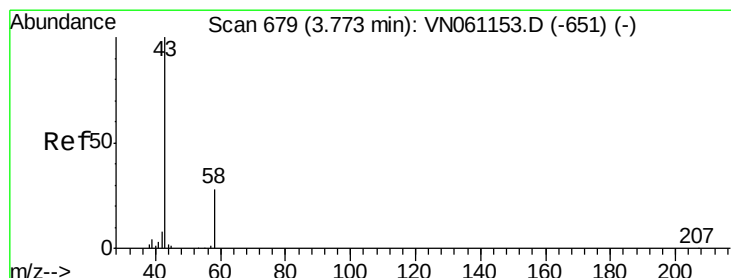
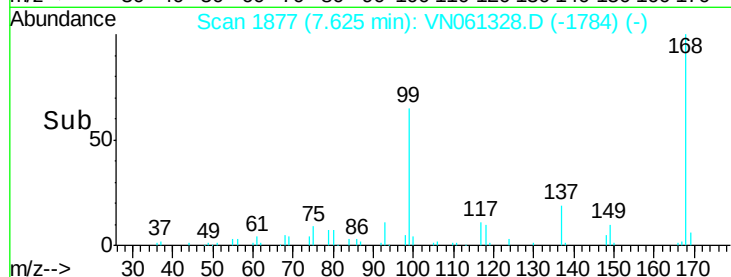
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.887 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061328.D

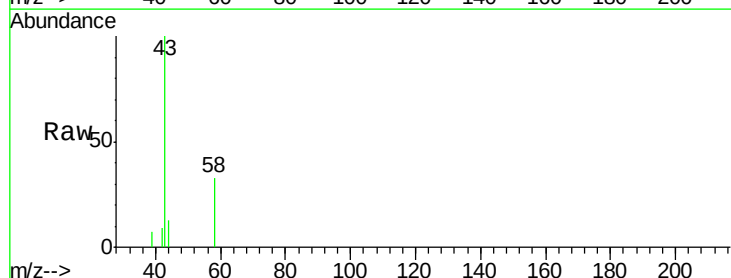
Acq: 7 May 2020 13:01

Tgt Ion: 43 Resp: 8902

Ion Ratio Lower Upper

43 100

58 32.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

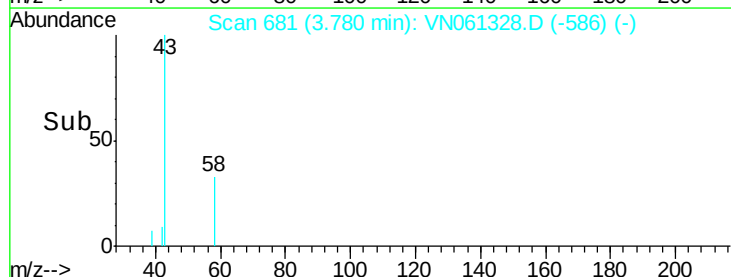
3000

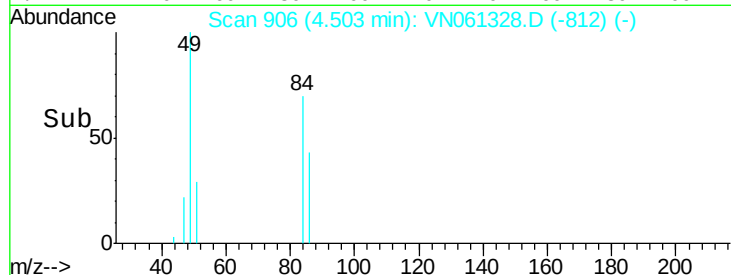
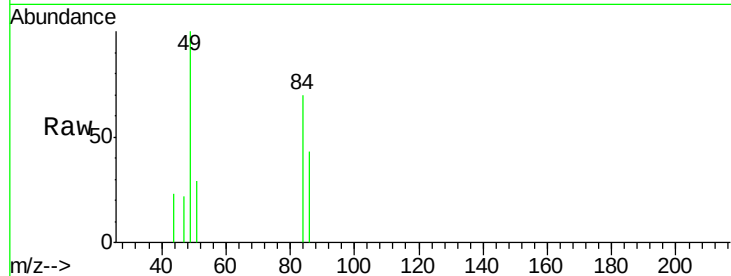
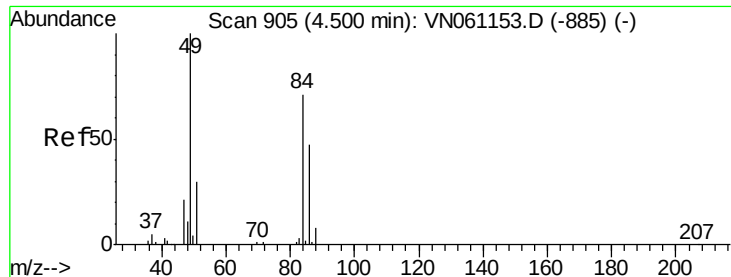
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

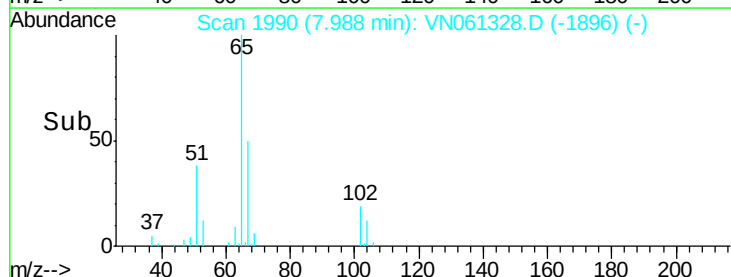
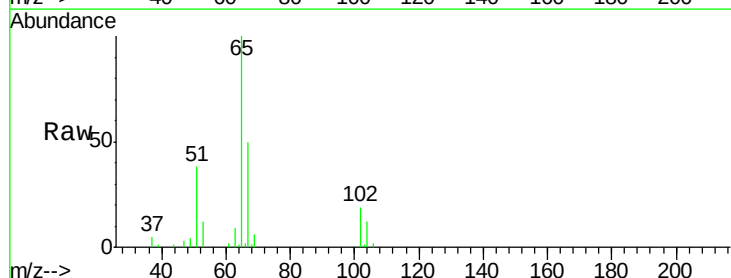
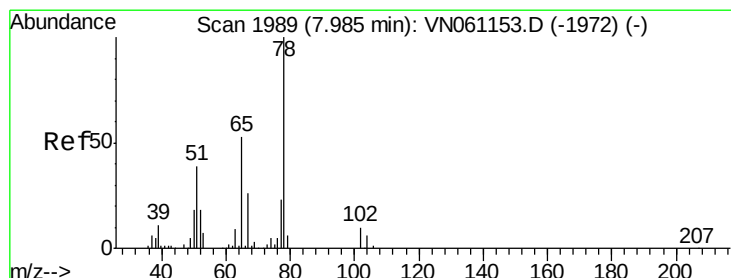
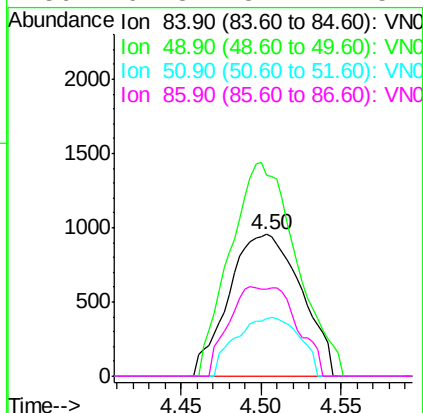




#20
Methylene Chloride
Concen: 2.356 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061328.D
Acq: 7 May 2020 13:01

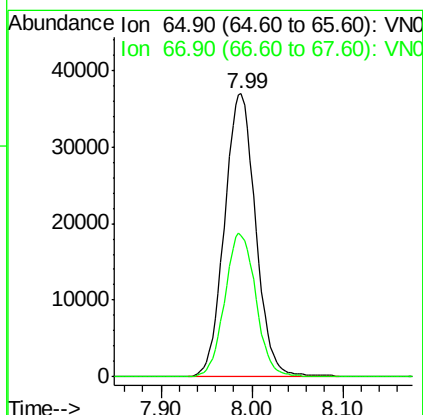
Instrument :
MSVOA_N
ClientSampleId :
PB128697ZHE#02

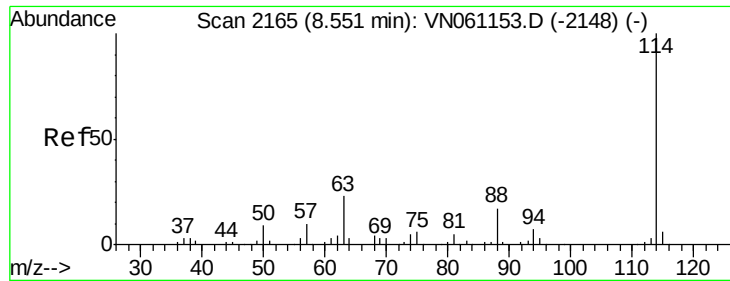
Tot Ion: 84 Resp: 2975
Ion Ratio Lower Upper
84 100
49 142.0 112.0 168.0
51 41.0 33.6 50.4
86 61.3 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 54.198 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061328.D
Acq: 7 May 2020 13:01

Tgt Ion: 65 Resp: 87761
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

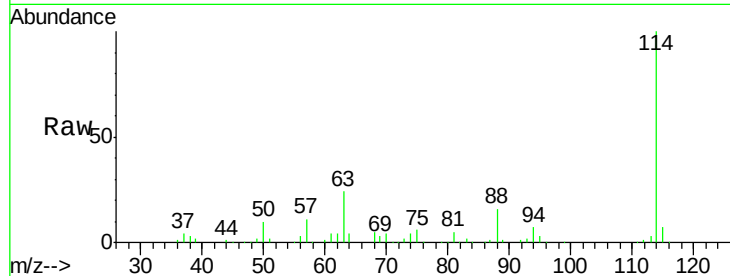




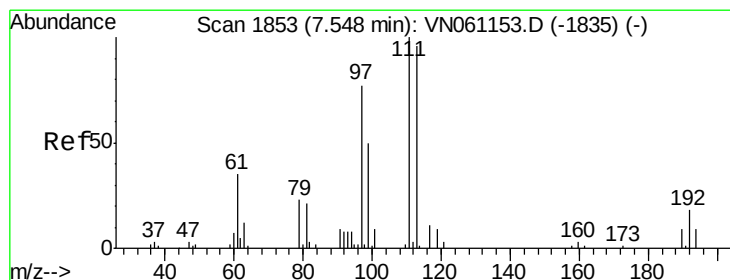
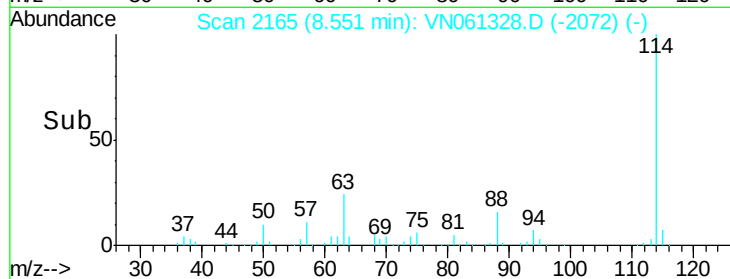
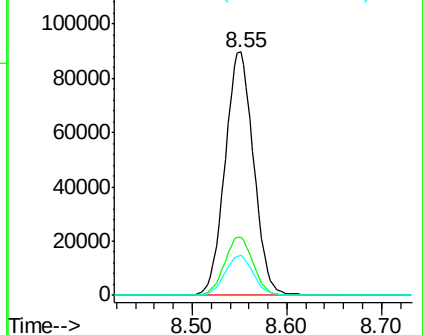
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061328.D
 Acq: 7 May 2020 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128697ZHE#02

Tot Ion:114 Resp: 187917
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.6
 88 16.2 0.0 33.4

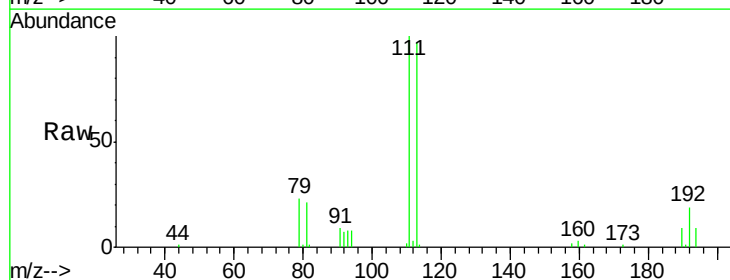


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

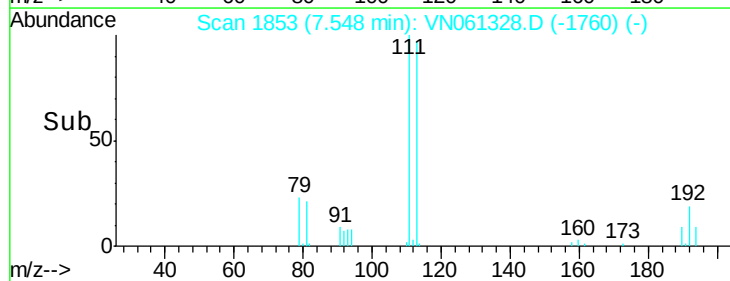
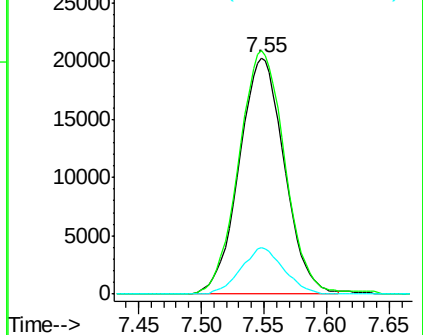


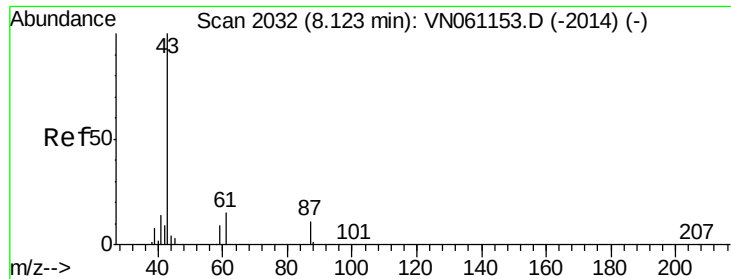
#35
 Dibromofluoromethane
 Concen: 45.639 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061328.D
 Acq: 7 May 2020 13:01

Tgt Ion:113 Resp: 50714
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.9 124.3
 192 18.5 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: 9.537 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061328.D

Acq: 7 May 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB128697ZHE#02

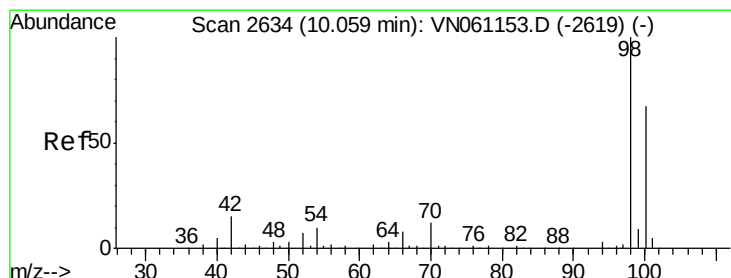
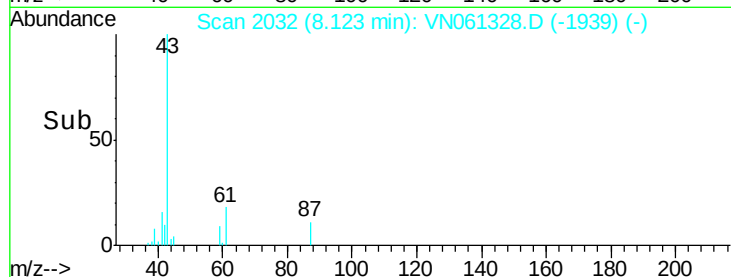
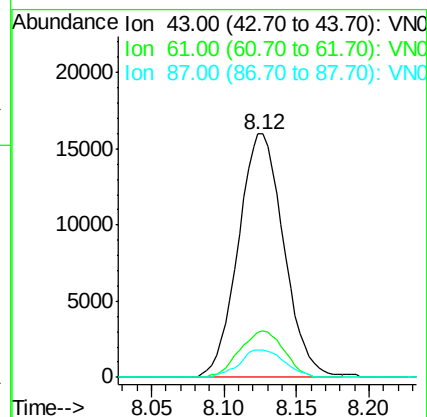
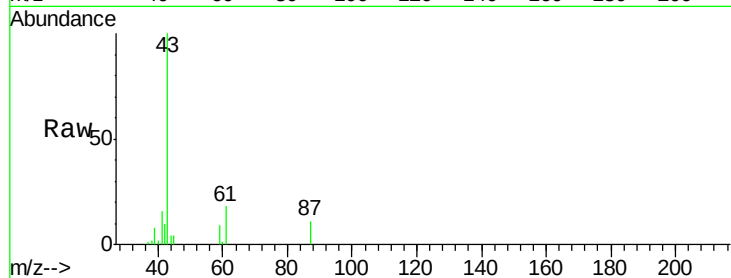
Tot Ion: 43 Resp: 34906

Ion Ratio Lower Upper

43 100

61 18.5 19.5 29.3#

87 11.1 8.9 13.3



#50

Toluene-d8

Concen: 52.989 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061328.D

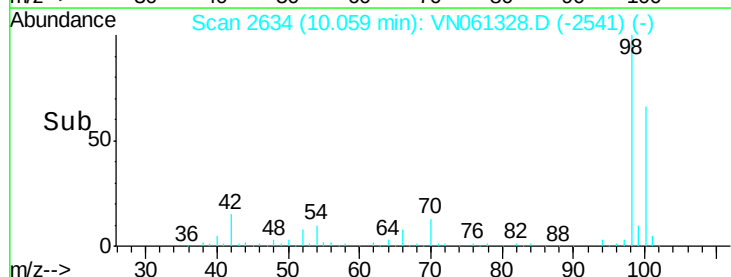
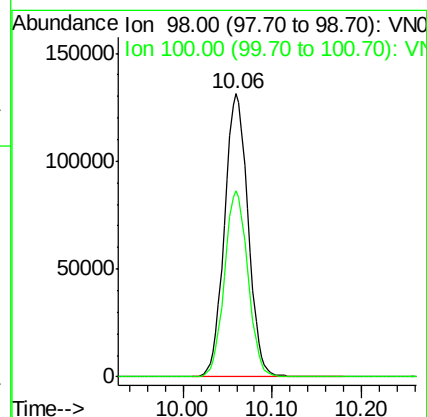
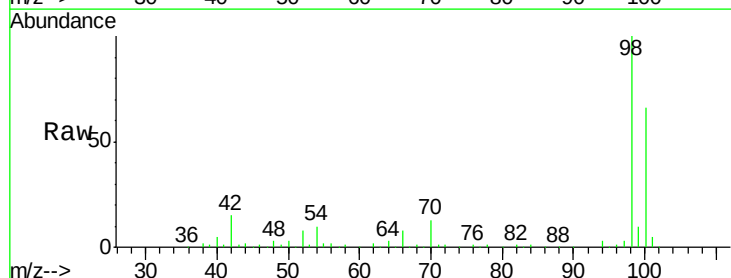
Acq: 7 May 2020 13:01

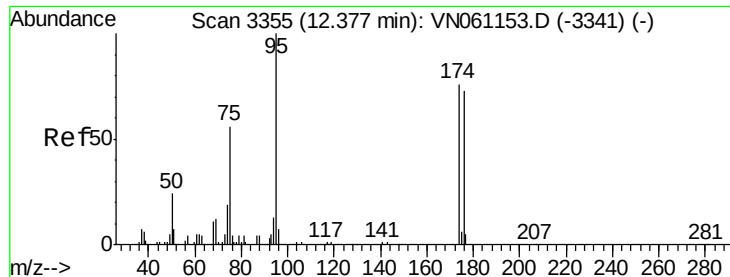
Tgt Ion: 98 Resp: 240031

Ion Ratio Lower Upper

98 100

100 65.4 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 51.940 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061328.D

Acq: 7 May 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB128697ZHE#02

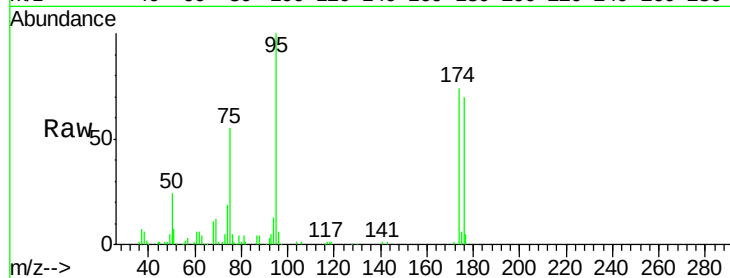
Tot Ion: 95 Resp: 88539

Ion Ratio Lower Upper

95 100

174 72.4 0.0 149.4

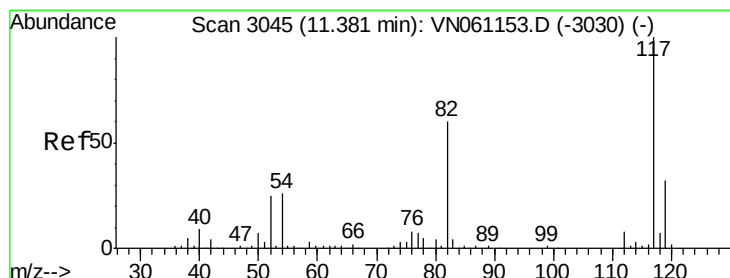
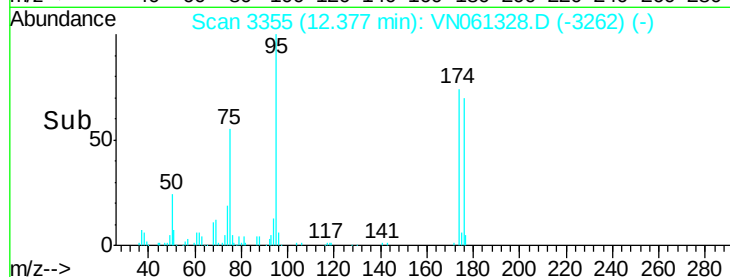
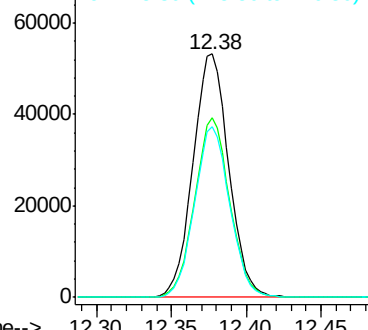
176 69.1 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061328.D

Acq: 7 May 2020 13:01

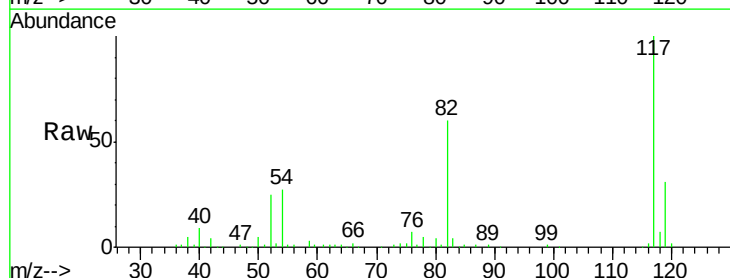
Tgt Ion: 117 Resp: 186379

Ion Ratio Lower Upper

117 100

82 59.9 47.8 71.8

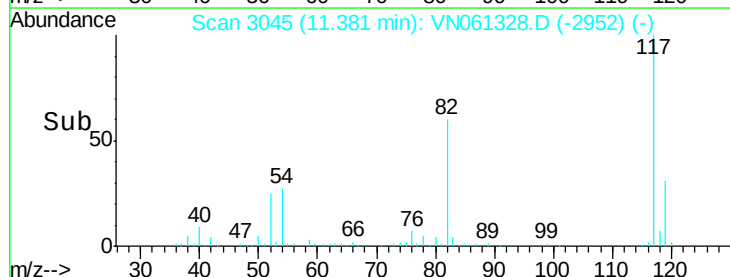
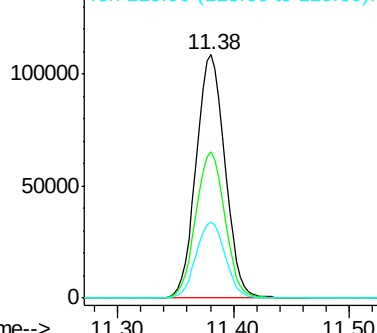
119 31.4 25.8 38.6

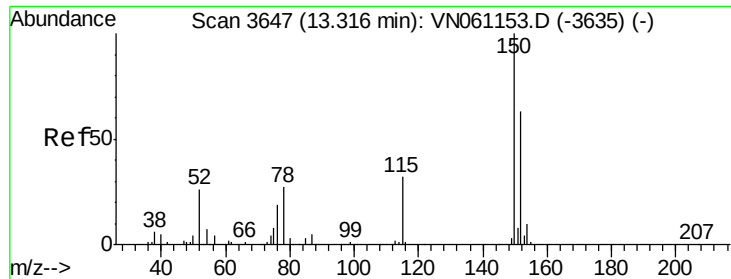


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061328.D

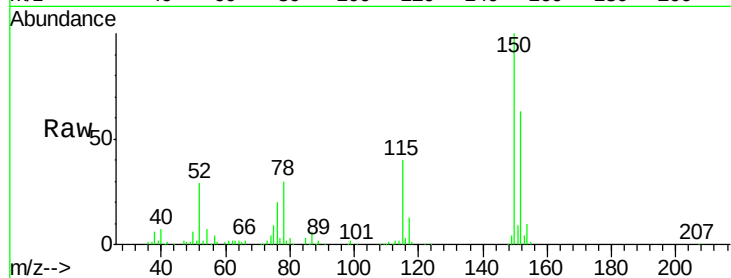
Acq: 7 May 2020 13:01

Instrument :

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ClientSampleId :

PB128697ZHE#02



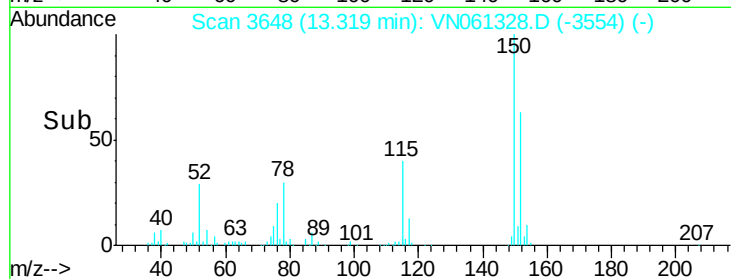
Tot Ion:152 Resp: 77294

Ion Ratio Lower Upper

152 100

115 62.3 31.0 93.0

150 157.3 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

