

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061319.D
 Acq On : 6 May 2020 18:55
 Operator : JC/MD
 Sample : PB128691TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128691TB

Quant Time: May 07 09:17:46 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

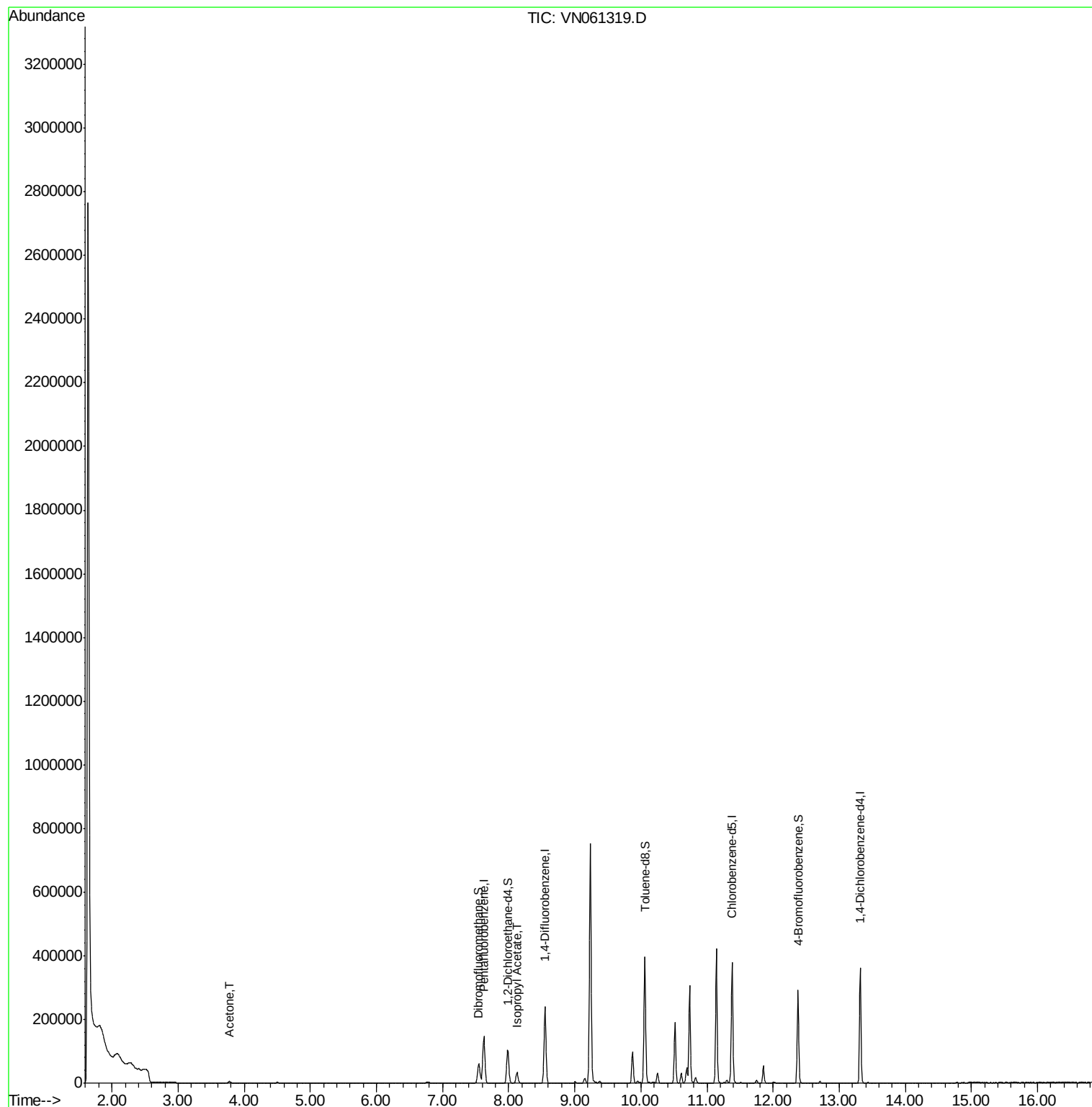
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	110758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	198576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	198807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90811	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	7.55	113	46717	39.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.58%	
50) Toluene-d8	10.06	98	252812	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.38	95	98297	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
Target Compounds						
16) Acetone	3.78	43	8262	6.816	ug/l	95
43) Isopropyl Acetate	8.13	43	42038	10.869	ug/l #	92

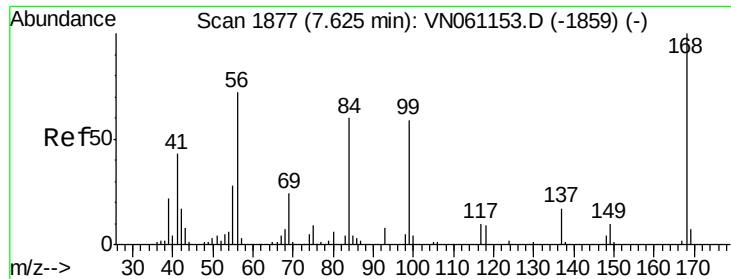
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061319.D

Acq: 6 May 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

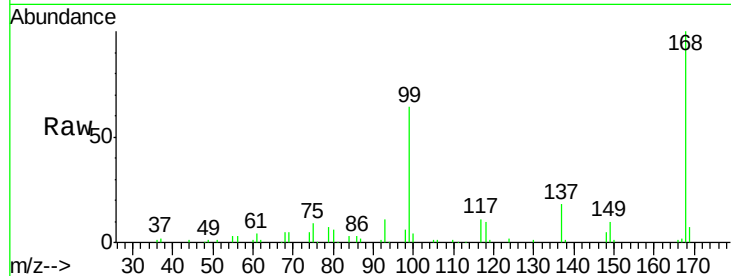
PB128691TB

Tot Ion:168 Resp: 110758

Ion Ratio Lower Upper

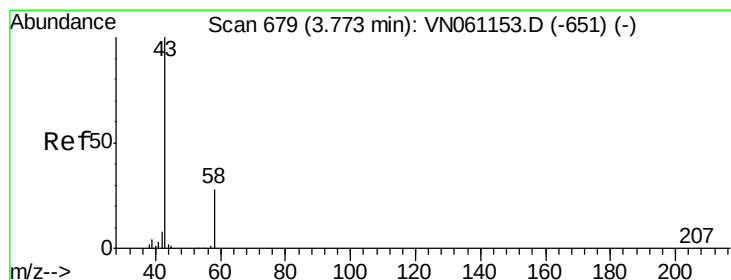
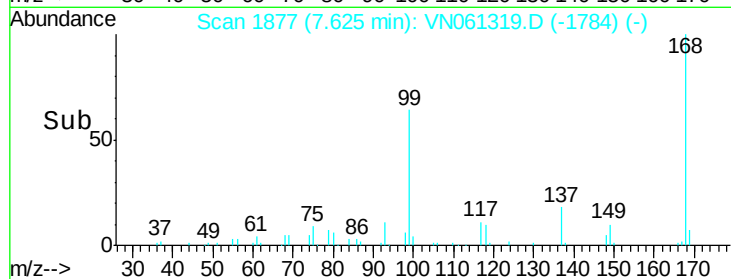
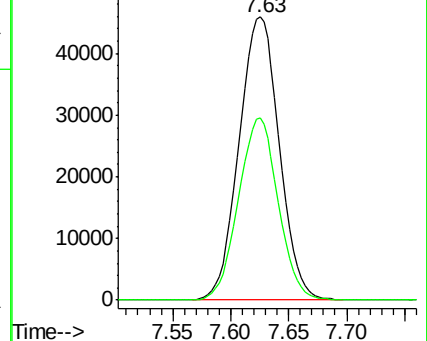
168 100

99 64.5 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: 6.816 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061319.D

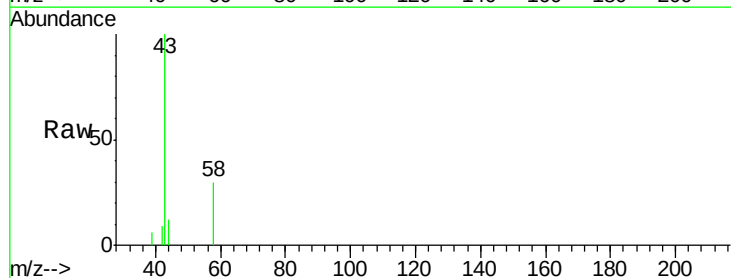
Acq: 6 May 2020 18:55

Tgt Ion: 43 Resp: 8262

Ion Ratio Lower Upper

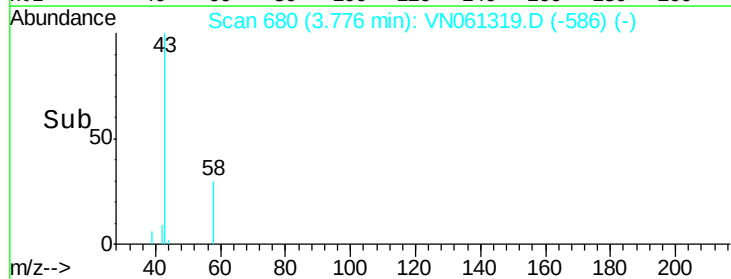
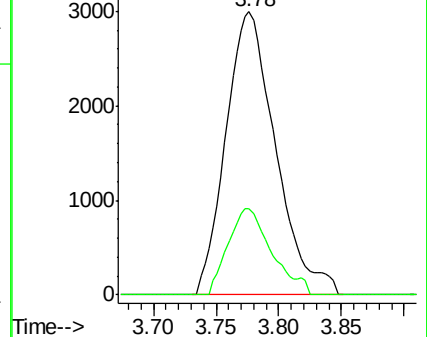
43 100

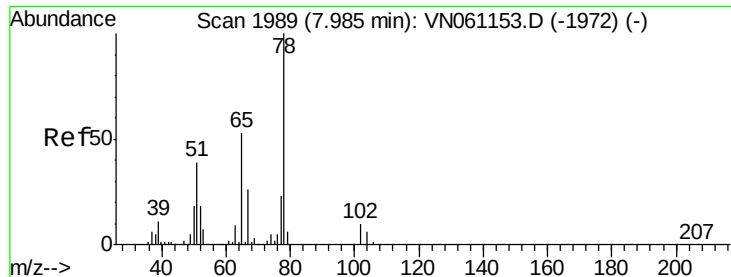
58 30.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

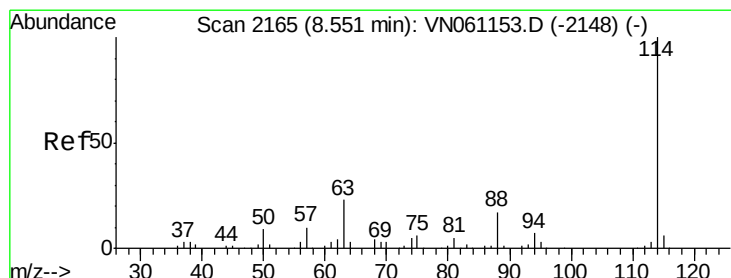
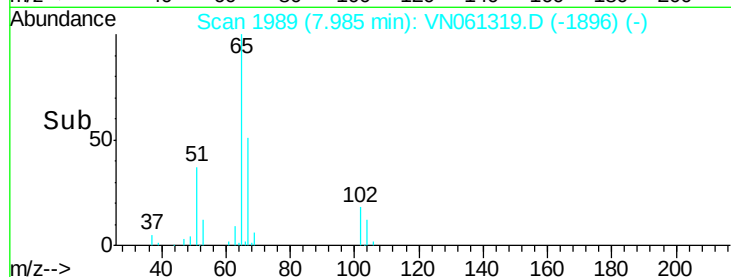
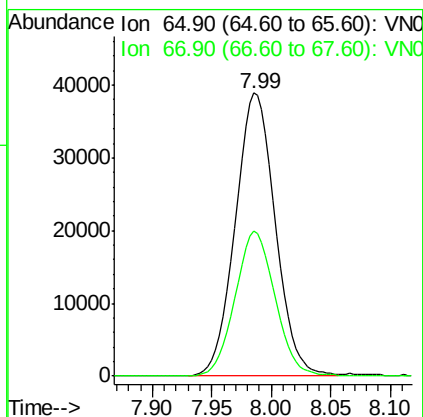
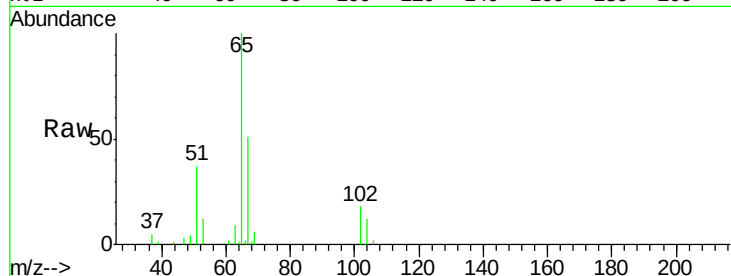




#33
 1,2-Dichloroethane-d4
 Concen: 51.817 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061319.D
 Acq: 6 May 2020 18:55

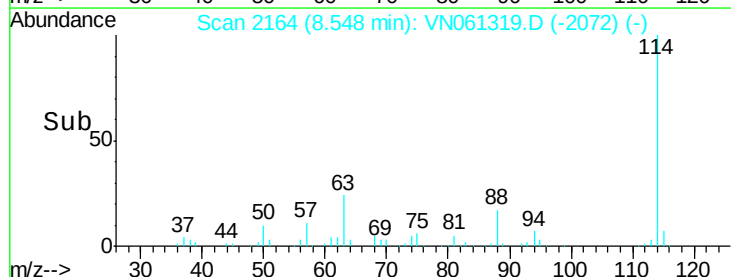
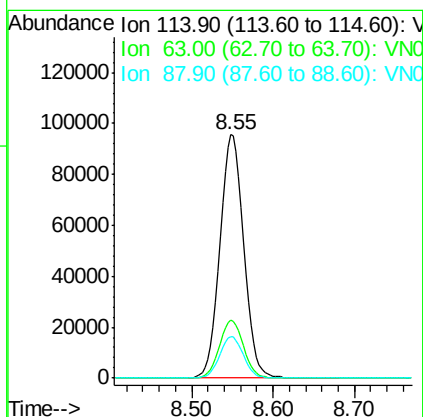
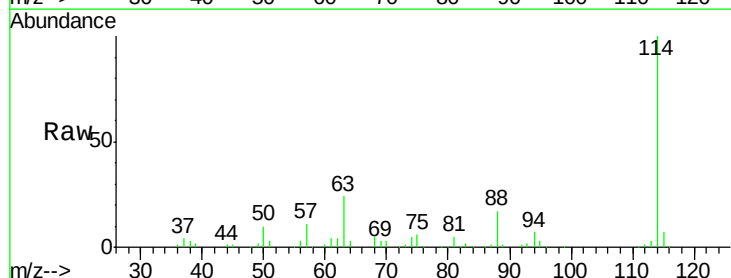
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128691TB

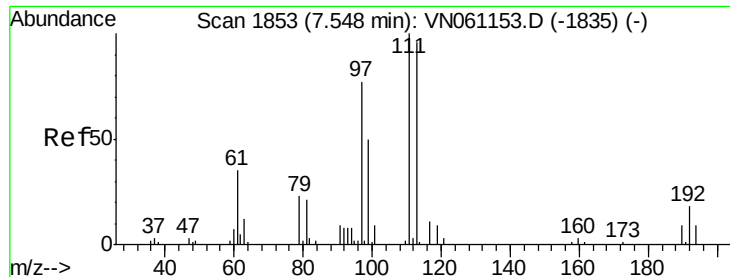
Tot Ion: 65 Resp: 90811
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061319.D
 Acq: 6 May 2020 18:55

Tgt Ion: 114 Resp: 198576
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 17.2 0.0 33.4

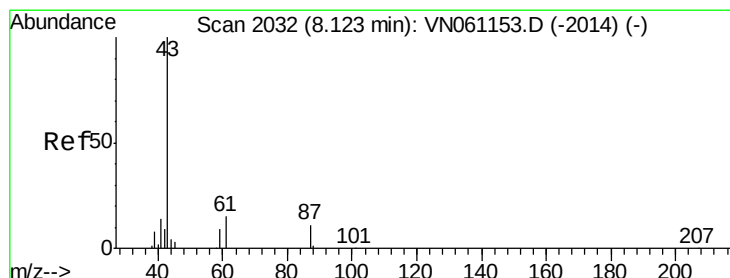
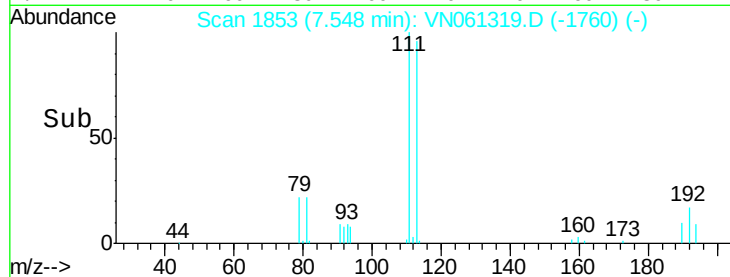
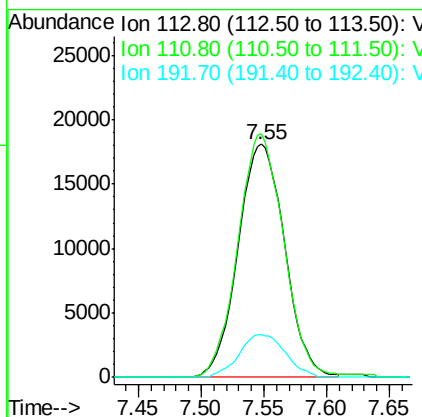
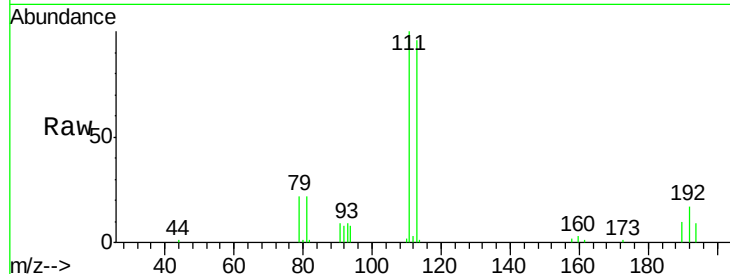




#35
 Dibromofluoromethane
 Concen: 39.785 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061319.D
 Acq: 6 May 2020 18:55

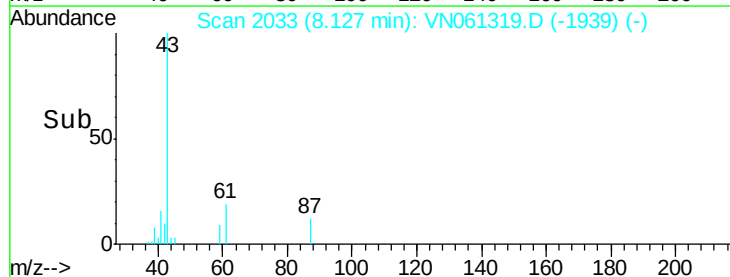
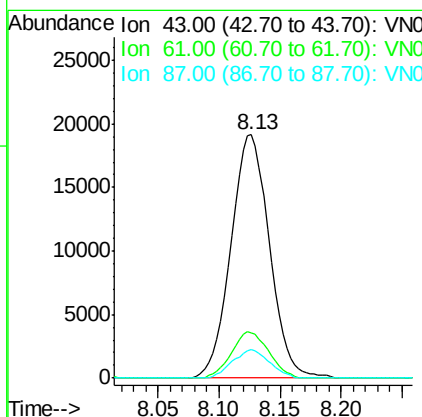
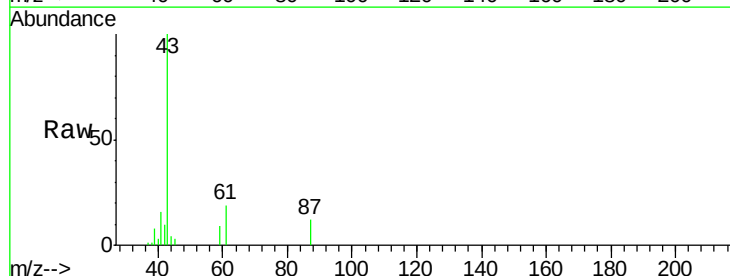
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128691TB

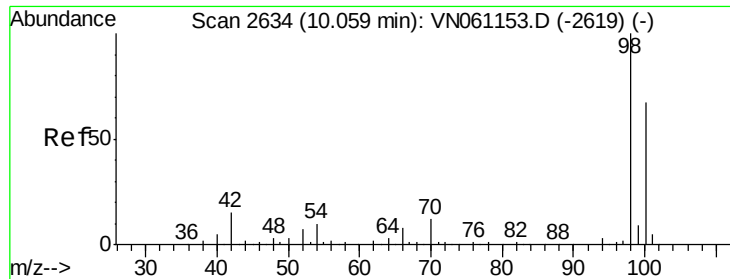
Tot Ion:113 Resp: 46717
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 18.1 14.7 22.1



#43
 Isopropyl Acetate
 Concen: 10.869 ug/l
 RT: 8.13 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: VN061319.D
 Acq: 6 May 2020 18:55

Tgt Ion: 43 Resp: 42038
 Ion Ratio Lower Upper
 43 100
 61 18.4 19.5 29.3#
 87 11.1 8.9 13.3





#50

Toluene-d8

Concen: 52.815 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061319.D

Acq: 6 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

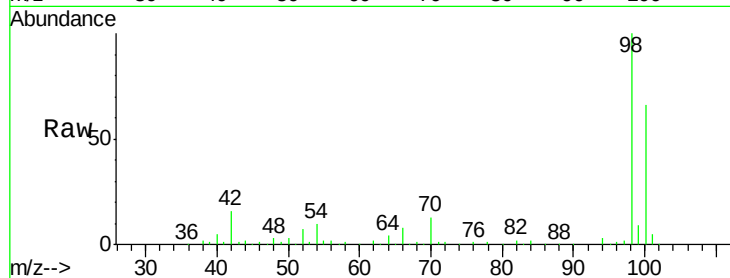
PB128691TB

Tot Ion: 98 Resp: 252812

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

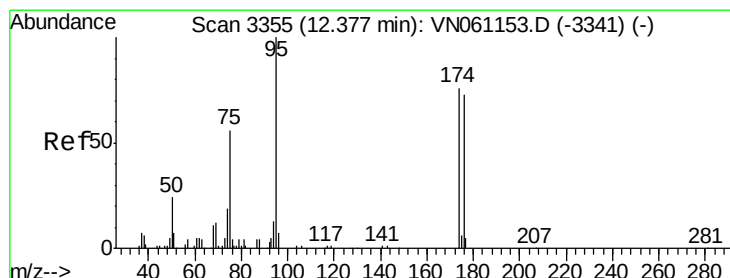
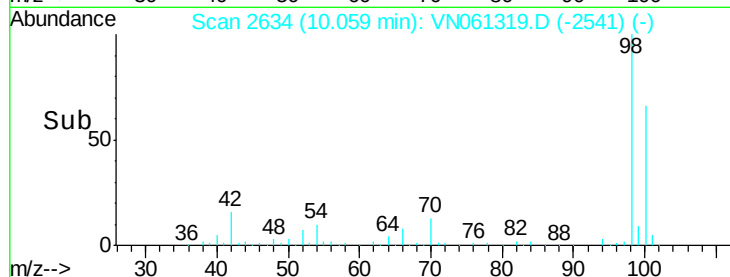
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.569 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061319.D

Acq: 6 May 2020 18:55

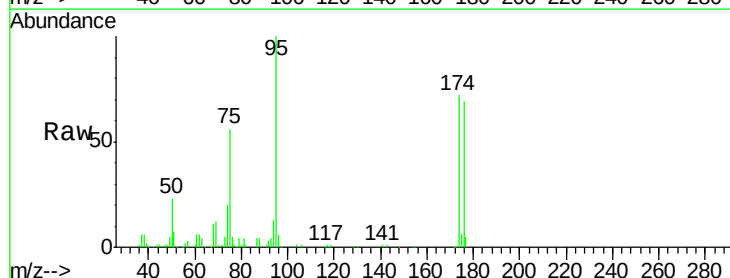
Tgt Ion: 95 Resp: 98297

Ion Ratio Lower Upper

95 100

174 71.7 0.0 149.4

176 68.4 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

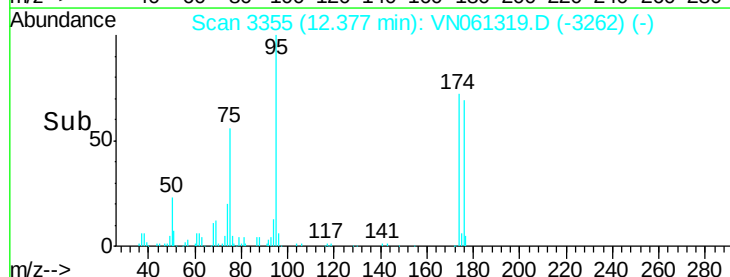
60000

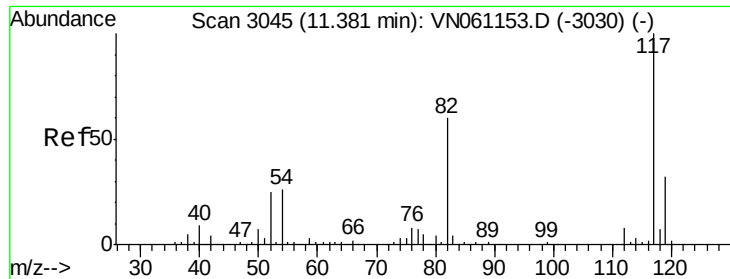
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061319.D

Acq: 6 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

PB128691TB

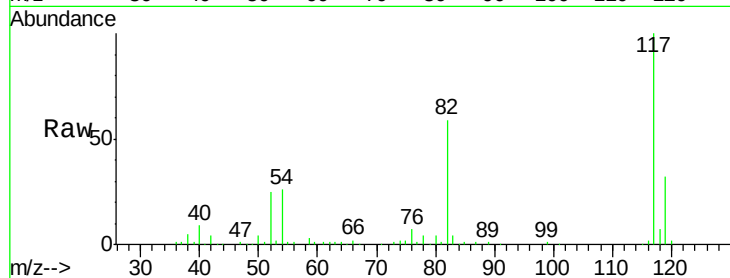
Tot Ion:117 Resp: 198807

Ion Ratio Lower Upper

117 100

82 58.5 47.8 71.8

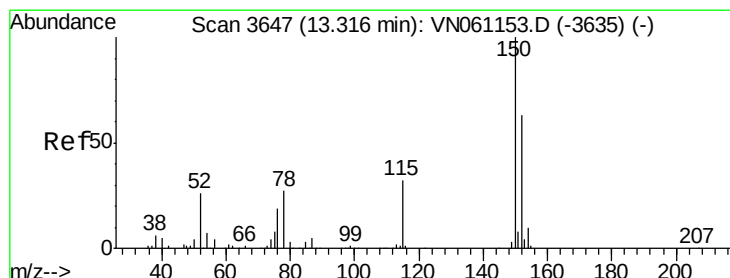
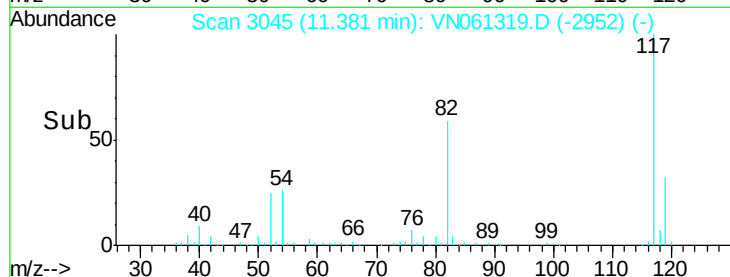
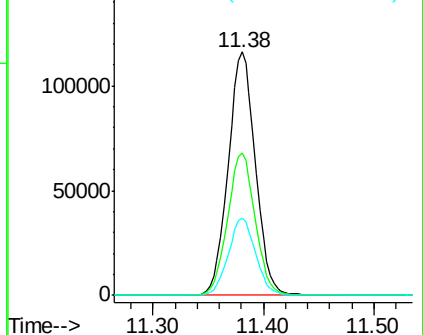
119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): 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: VN061319.D

Acq: 6 May 2020 18:55

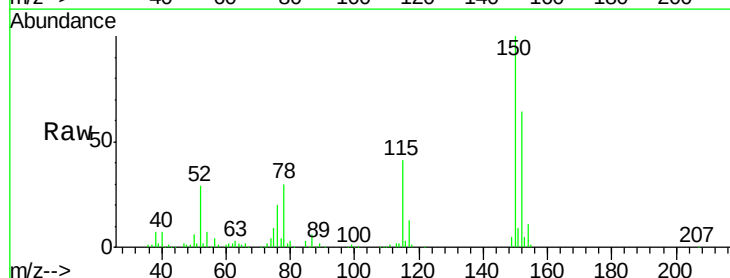
Tgt Ion:152 Resp: 88025

Ion Ratio Lower Upper

152 100

115 63.6 31.0 93.0

150 157.0 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

