

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061371.D
 Acq On : 8 May 2020 18:51
 Operator : JC/MD
 Sample : PB128729ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128729ZHE#07

Quant Time: May 11 04:34:05 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

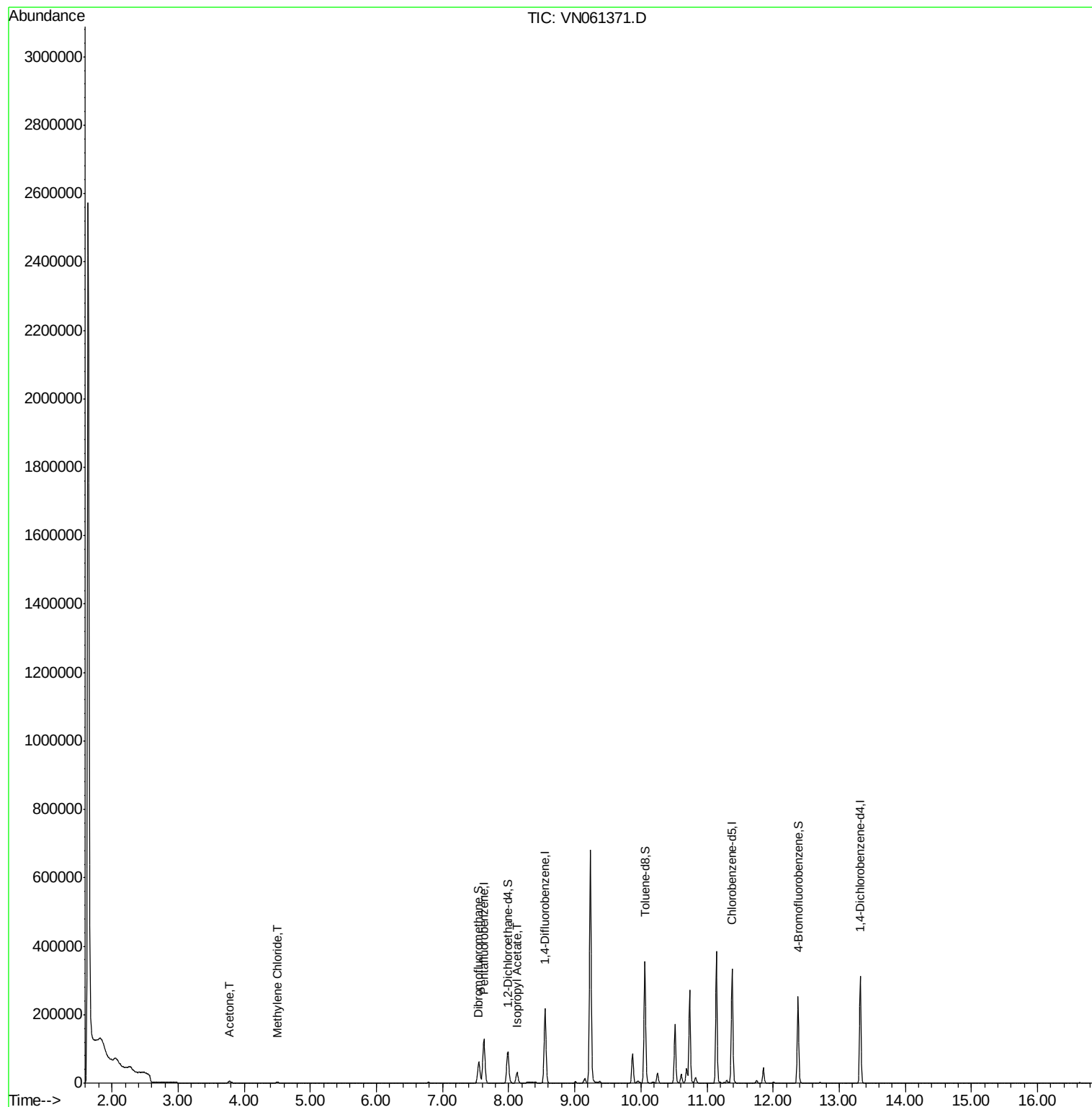
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	95011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	179340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	75323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	82048	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
35) Dibromofluoromethane	7.55	113	46630	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
50) Toluene-d8	10.06	98	229344	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.38	95	84779	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
Target Compounds						
16) Acetone	3.77	43	10084	12.086	ug/l	99
20) Methylene Chloride	4.50	84	1824	1.556	ug/l #	80
43) Isopropyl Acetate	8.13	43	37935	10.861	ug/l #	89

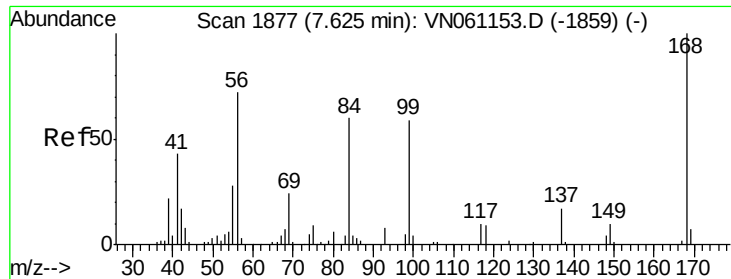
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061371.D

Acq: 8 May 2020 18:51

Instrument :

MSVOA_N

ClientSampleId :

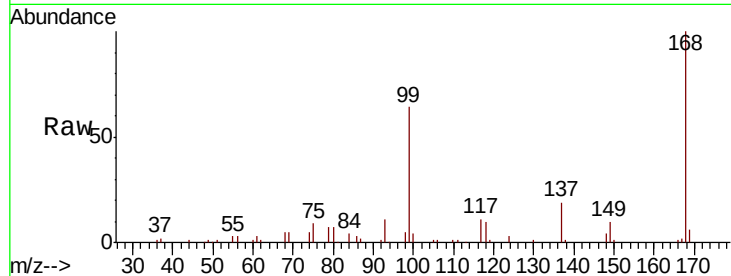
PB128729ZHE#07

Tot Ion:168 Resp: 95011

Ion Ratio Lower Upper

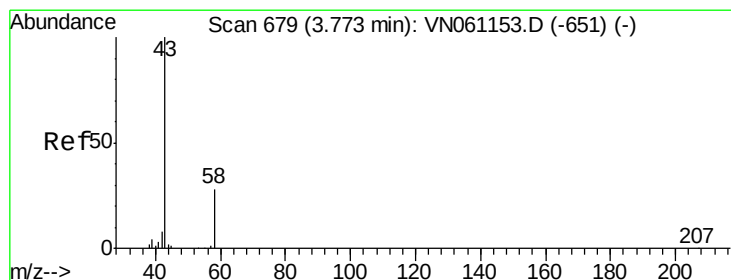
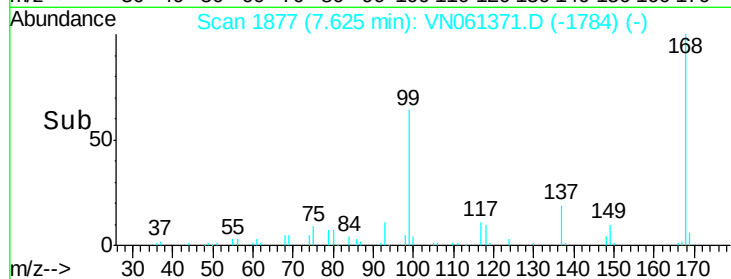
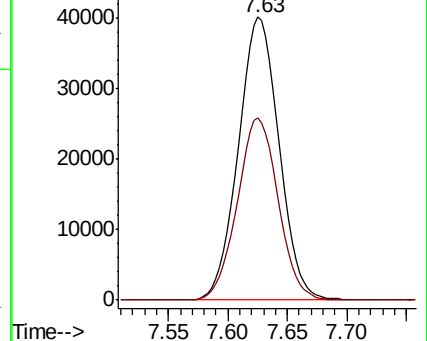
168 100

99 64.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 12.086 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061371.D

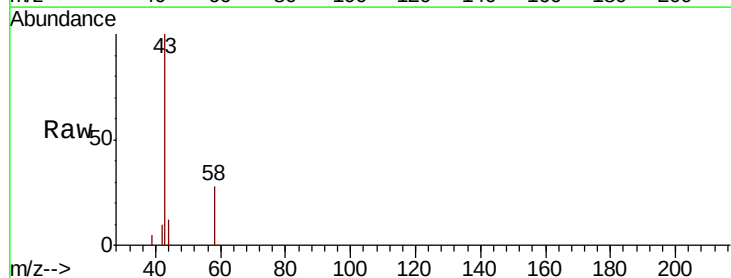
Acq: 8 May 2020 18:51

Tgt Ion: 43 Resp: 10084

Ion Ratio Lower Upper

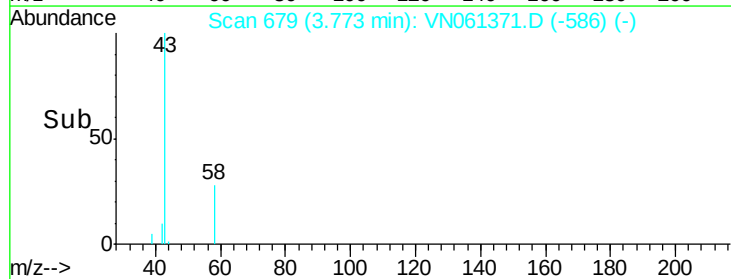
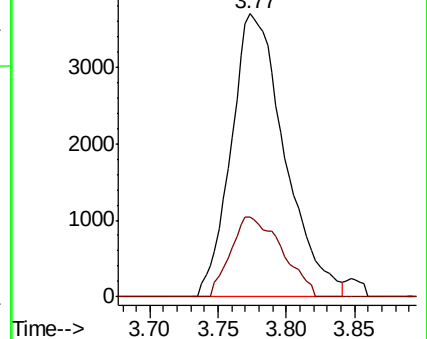
43 100

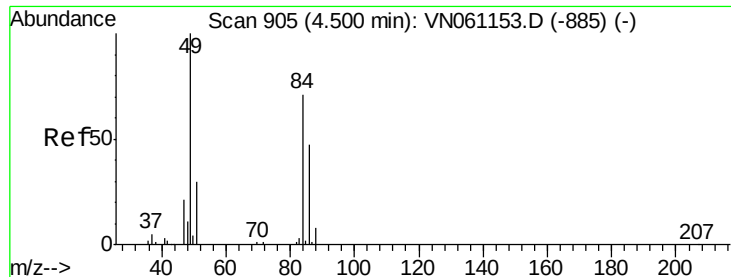
58 28.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.556 ug/l

RT: 4.50 min Scan# 906

Delta R.T. 0.00 min

Lab File: VN061371.D

Acq: 8 May 2020 18:51

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#07

Tot Ion: 84 Resp: 1824

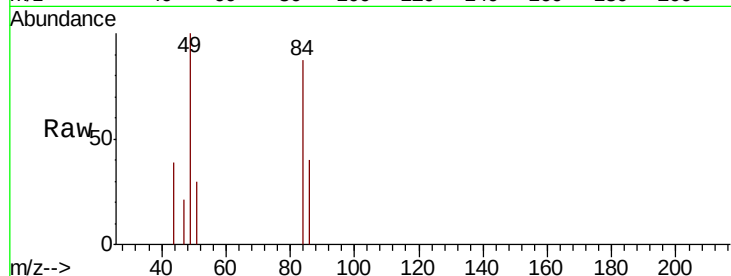
Ion Ratio Lower Upper

84 100

49 115.4 112.0 168.0

51 34.6 33.6 50.4

86 46.1 52.1 78.1#

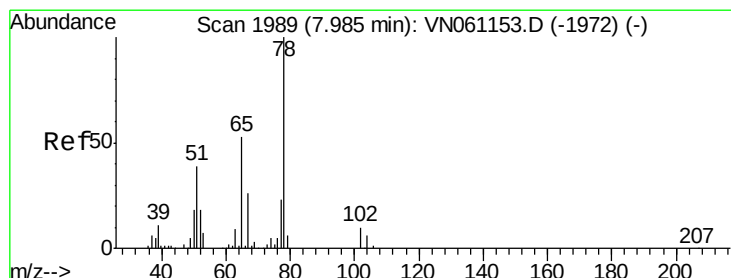
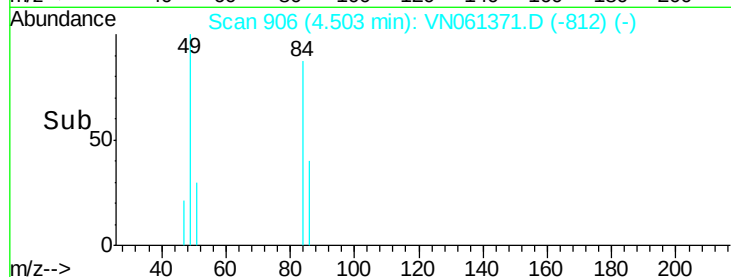
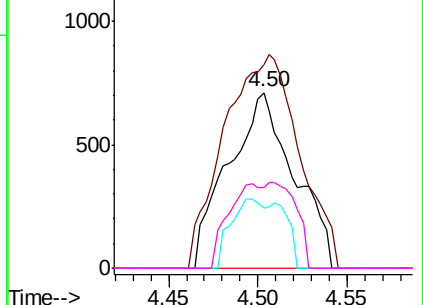


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.576 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061371.D

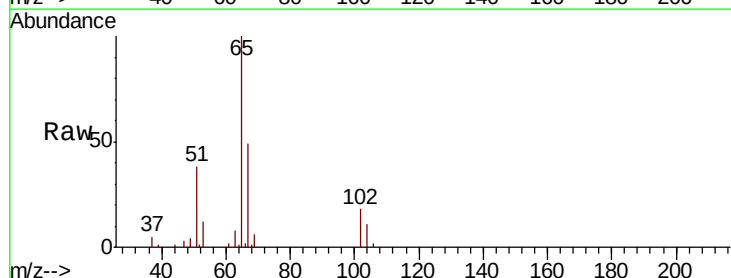
Acq: 8 May 2020 18:51

Tgt Ion: 65 Resp: 82048

Ion Ratio Lower Upper

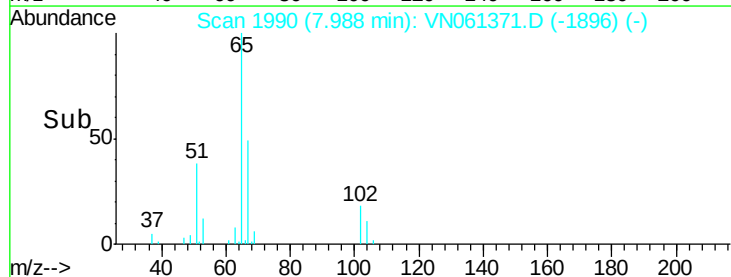
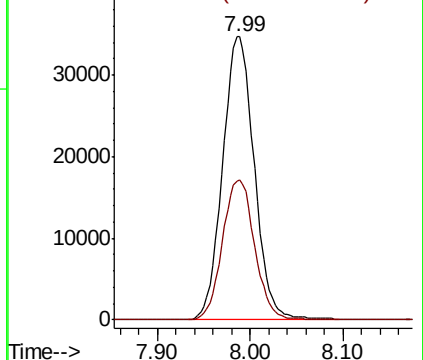
65 100

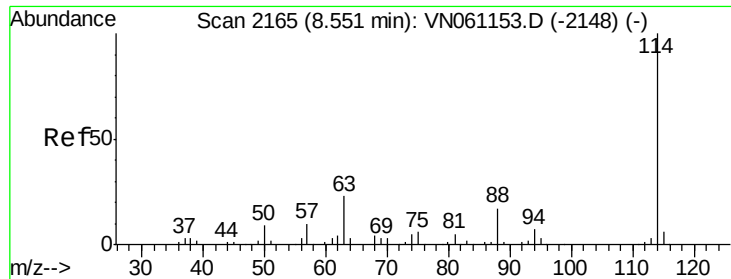
67 50.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

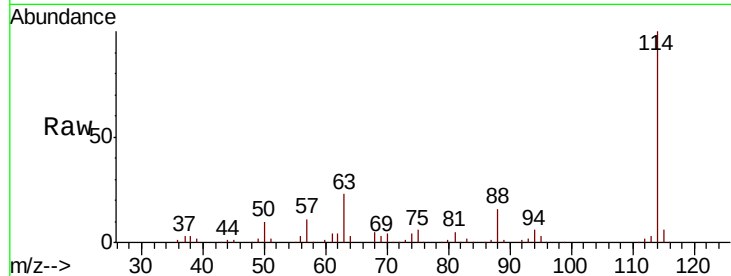




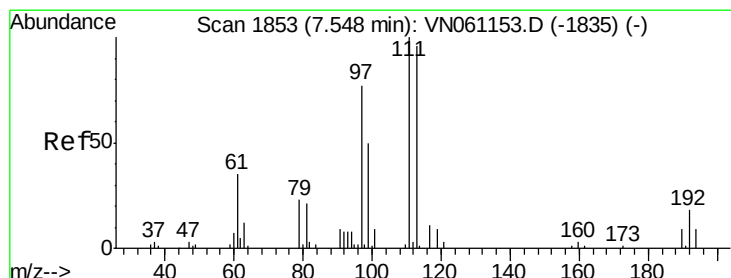
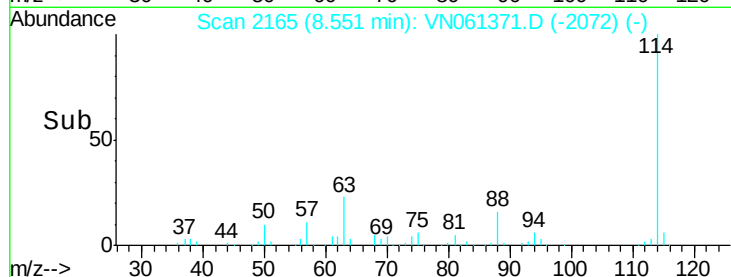
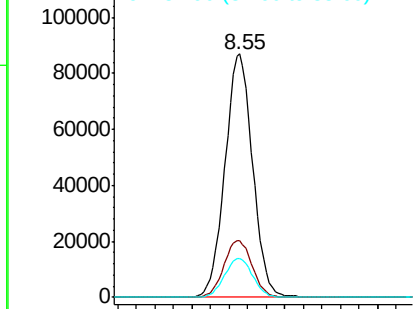
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061371.D
 Acq: 8 May 2020 18:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128729ZHE#07

Tot Ion:114 Resp: 179340
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.6
 88 16.1 0.0 33.4

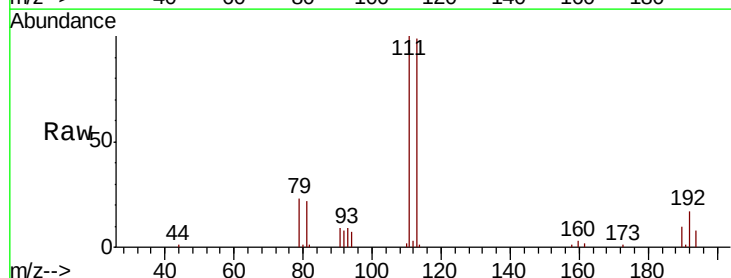


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

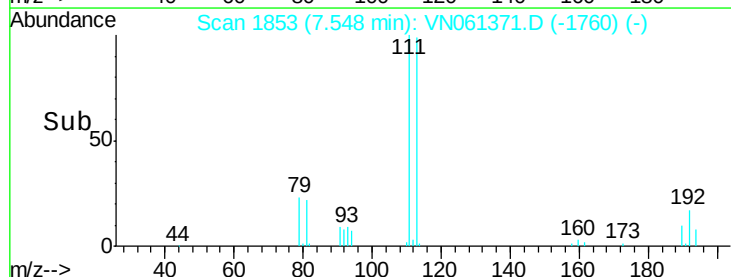
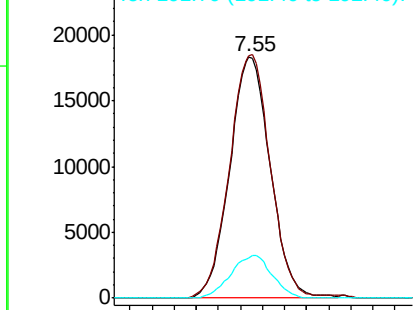


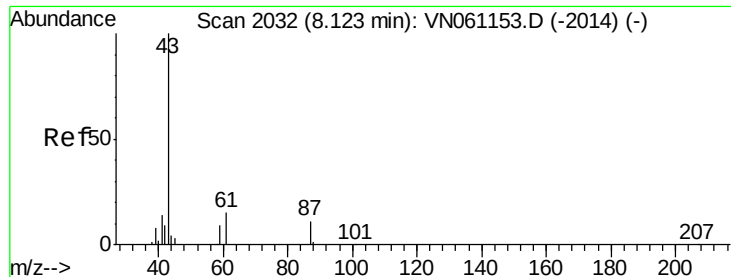
#35
 Dibromofluoromethane
 Concen: 43.971 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061371.D
 Acq: 8 May 2020 18:51

Tgt Ion:113 Resp: 46630
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 18.1 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: 10.861 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061371.D

Acq: 8 May 2020 18:51

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#07

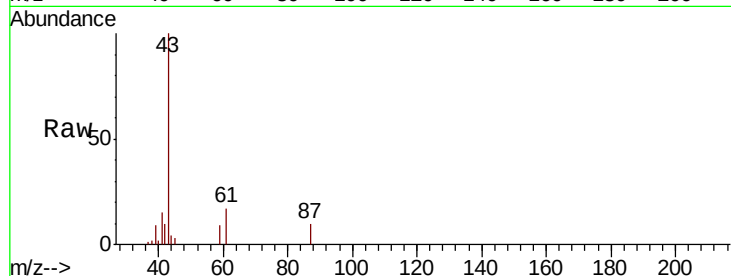
Tot Ion: 43 Resp: 37935

Ion Ratio Lower Upper

43 100

61 17.0 19.5 29.3#

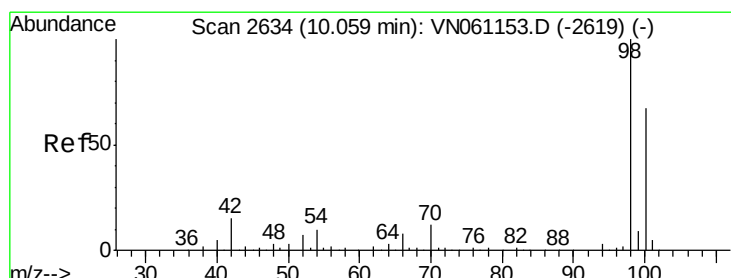
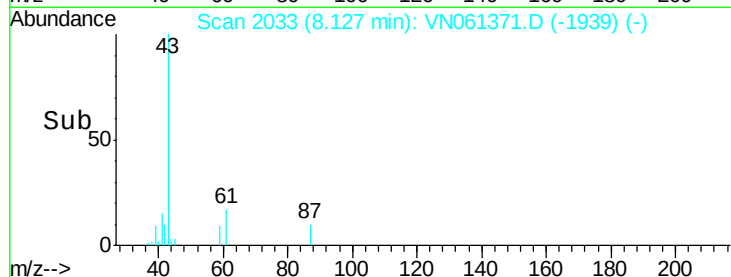
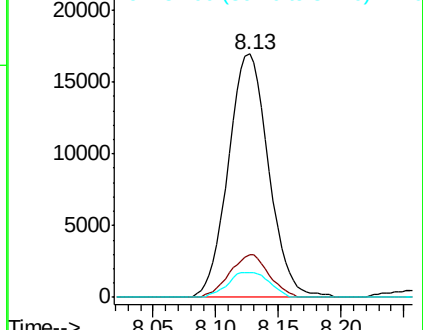
87 10.4 8.9 13.3



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: 53.051 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061371.D

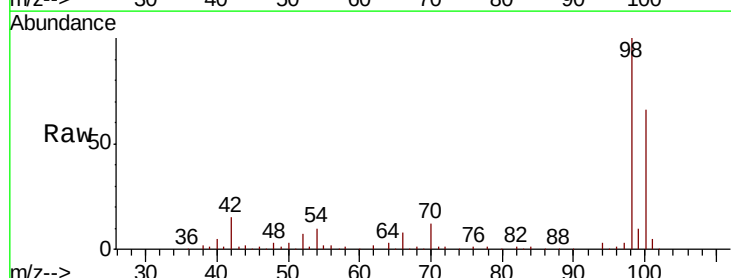
Acq: 8 May 2020 18:51

Tgt Ion: 98 Resp: 229344

Ion Ratio Lower Upper

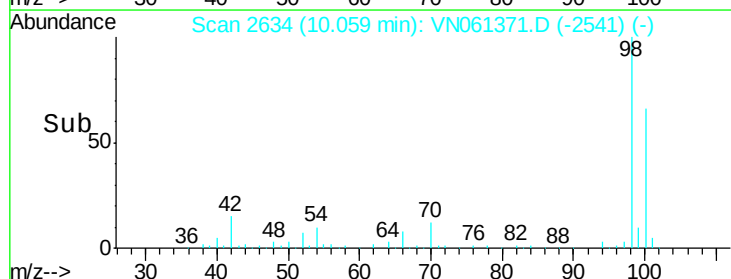
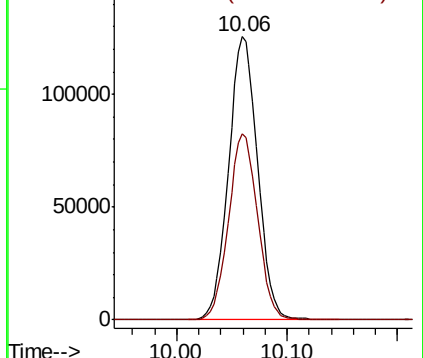
98 100

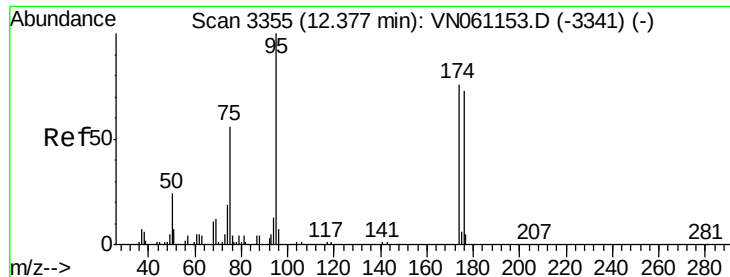
100 65.8 53.4 80.0



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: 52.113 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061371.D

Acq: 8 May 2020 18:51

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#07

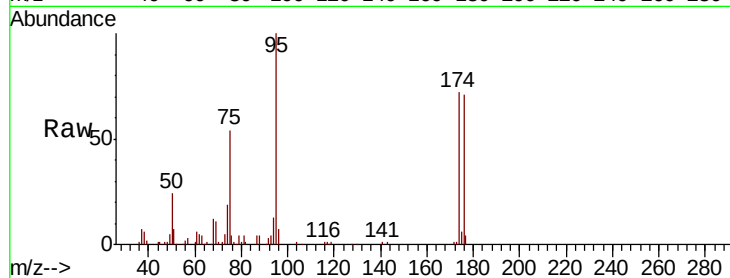
Tot Ion: 95 Resp: 84779

Ion Ratio Lower Upper

95 100

174 72.1 0.0 149.4

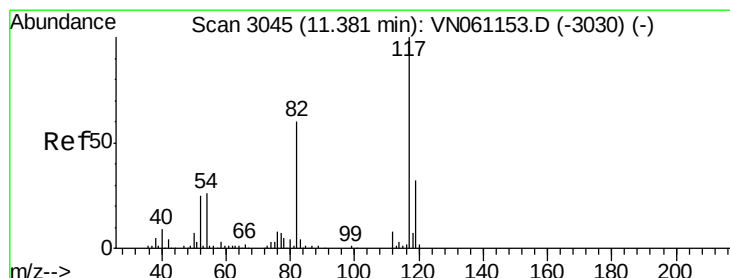
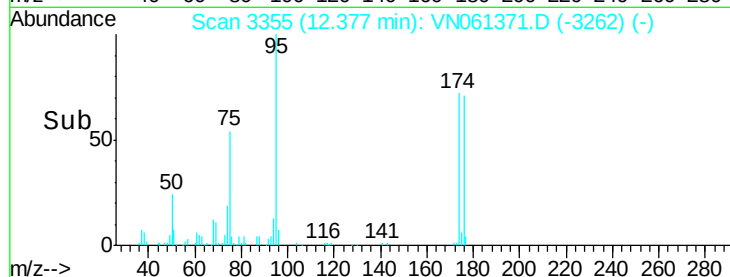
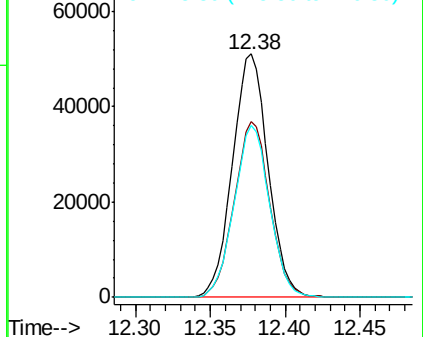
176 70.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061371.D

Acq: 8 May 2020 18:51

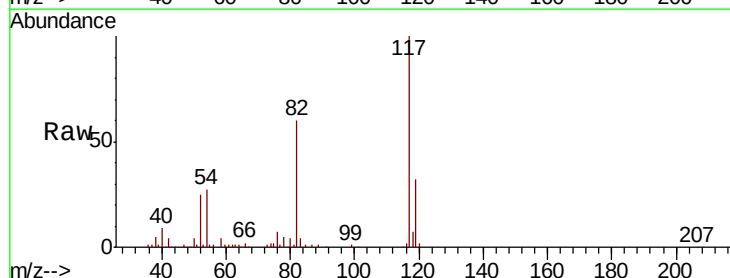
Tgt Ion: 117 Resp: 176413

Ion Ratio Lower Upper

117 100

82 60.1 47.8 71.8

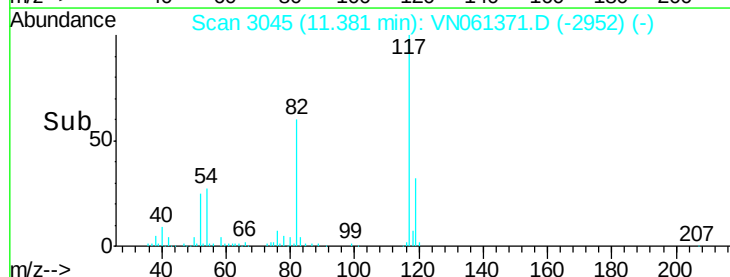
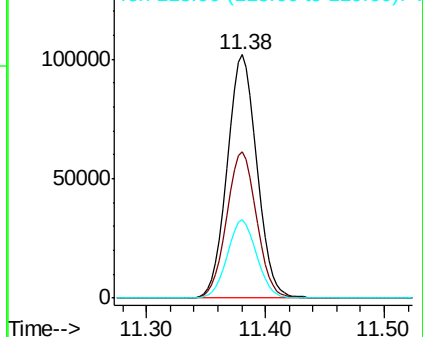
119 32.0 25.8 38.6

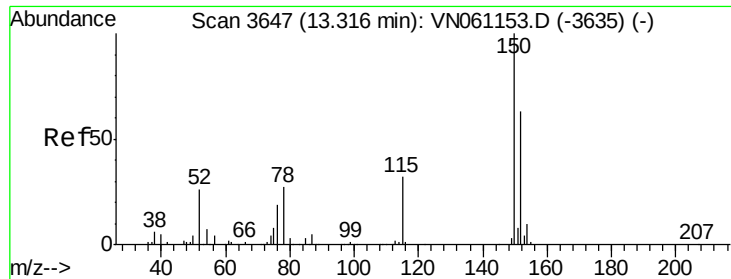


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061371.D

Acq: 8 May 2020 18:51

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#07

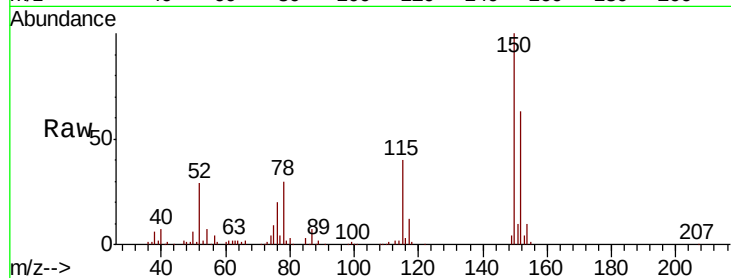
Tot Ion:152 Resp: 75323

Ion Ratio Lower Upper

152 100

115 63.2 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

