

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061365.D
 Acq On : 8 May 2020 16:32
 Operator : JC/MD
 Sample : PB128729ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128729ZHE#01

Quant Time: May 11 04:21:46 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

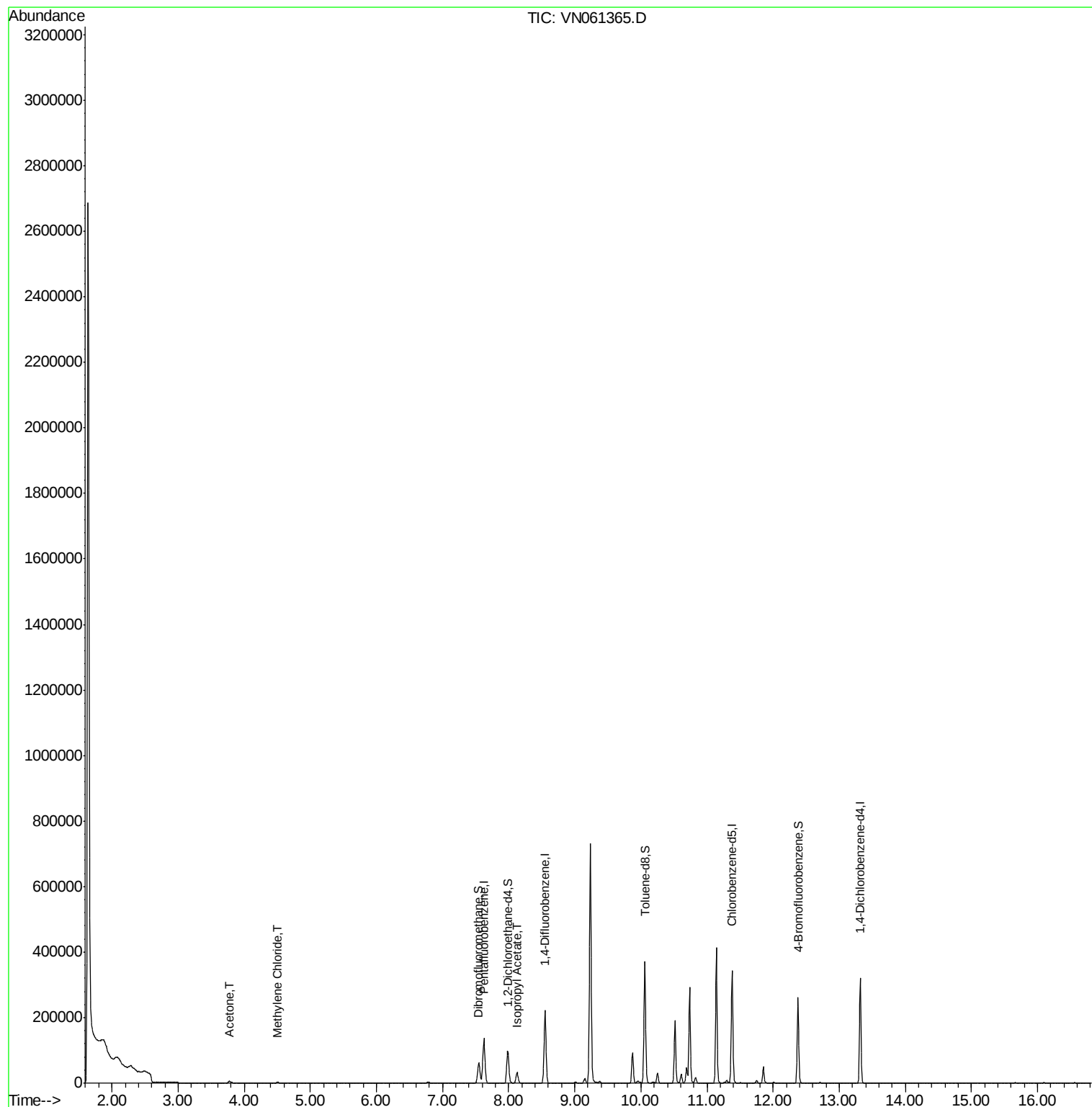
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	100414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	185856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	181766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	85310	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
35) Dibromofluoromethane	7.55	113	47643	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
50) Toluene-d8	10.06	98	236070	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.38	95	87493	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
Target Compounds						
16) Acetone	3.78	43	10742	12.227	ug/l	95
20) Methylene Chloride	4.50	84	1534	1.238	ug/l	89
43) Isopropyl Acetate	8.13	43	40471	11.180	ug/l #	91

(#) = 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: VN061365.D

Acq: 8 May 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

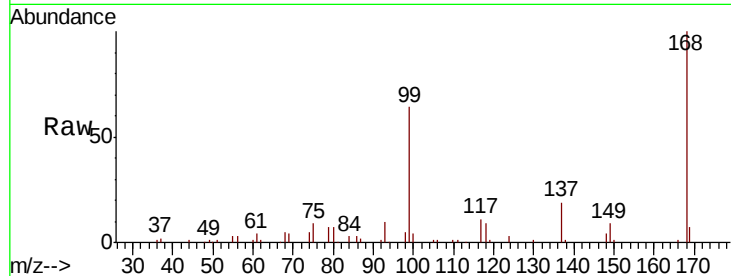
PB128729ZHE#01

Tot Ion:168 Resp: 100414

Ion Ratio Lower Upper

168 100

99 63.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

40000

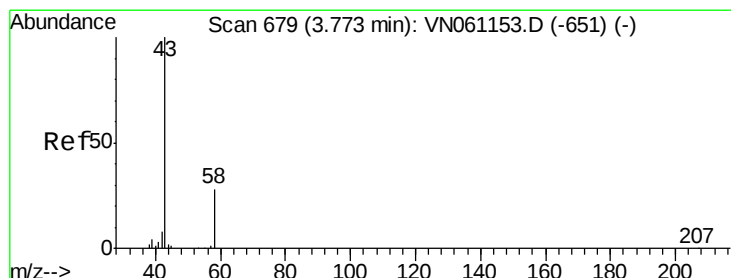
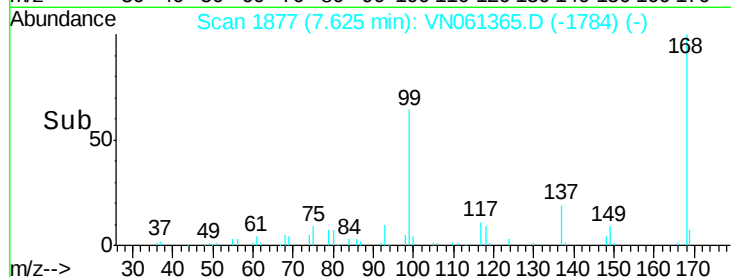
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 12.227 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061365.D

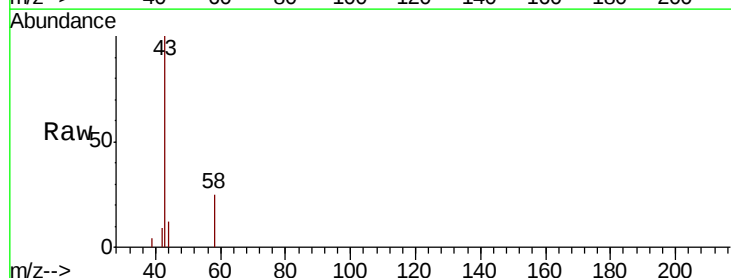
Acq: 8 May 2020 16:32

Tgt Ion: 43 Resp: 10742

Ion Ratio Lower Upper

43 100

58 25.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

4000

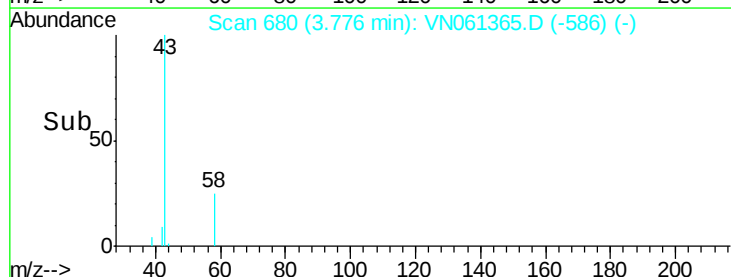
3000

2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 1.238 ug/l

RT: 4.50 min Scan# 904

Delta R.T. -0.00 min

Lab File: VN061365.D

Acq: 8 May 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#01

Tot Ion: 84 Resp: 1534

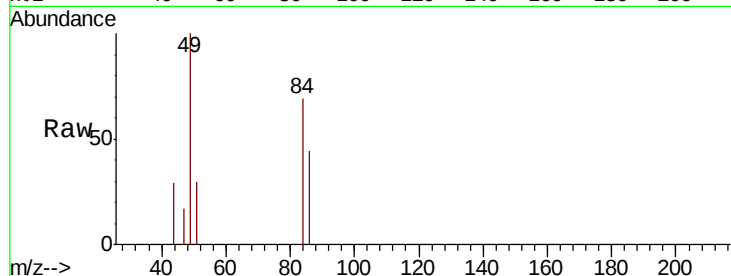
Ion Ratio Lower Upper

84 100

49 118.2 112.0 168.0

51 42.8 33.6 50.4

86 63.5 52.1 78.1

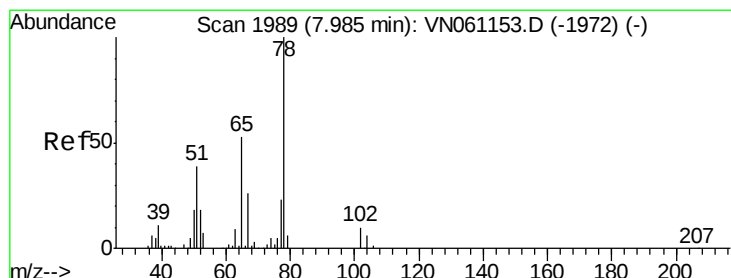
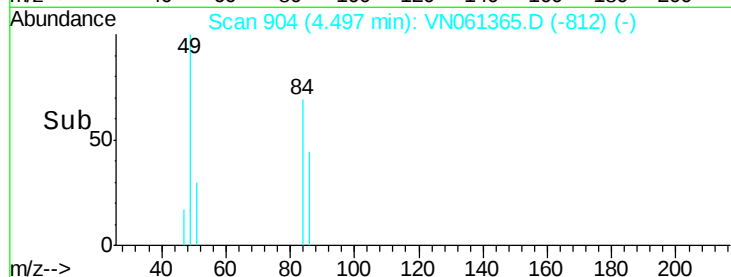
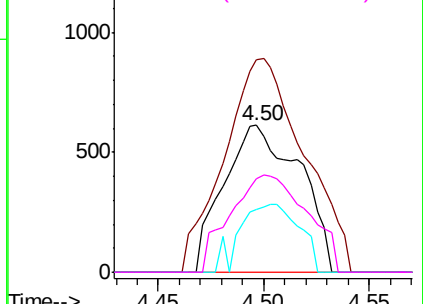


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 53.693 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061365.D

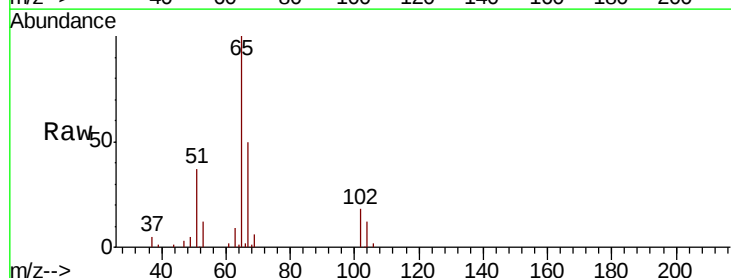
Acq: 8 May 2020 16:32

Tgt Ion: 65 Resp: 85310

Ion Ratio Lower Upper

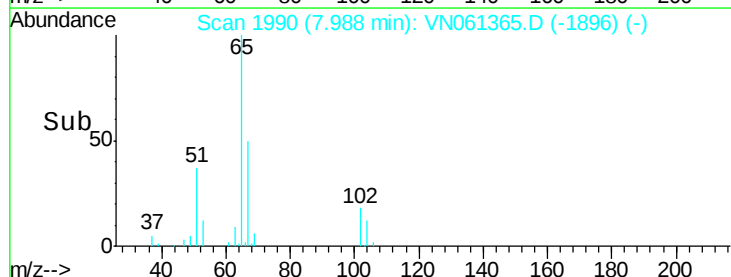
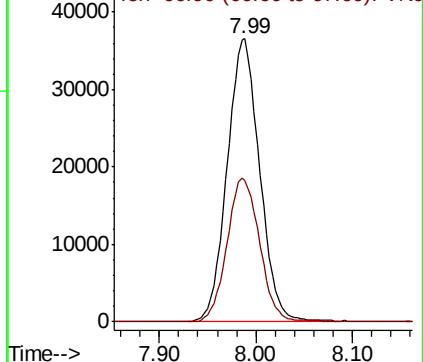
65 100

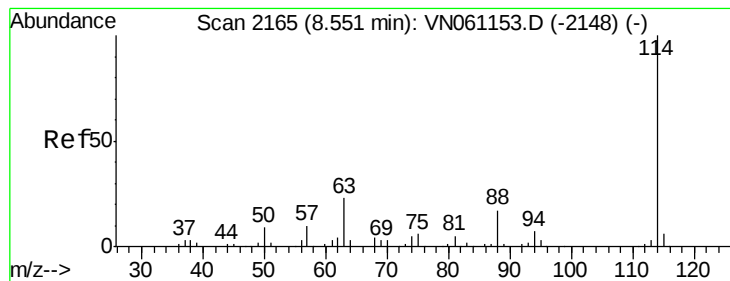
67 50.9 0.0 101.6



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: VN061365.D

Acq: 8 May 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#01

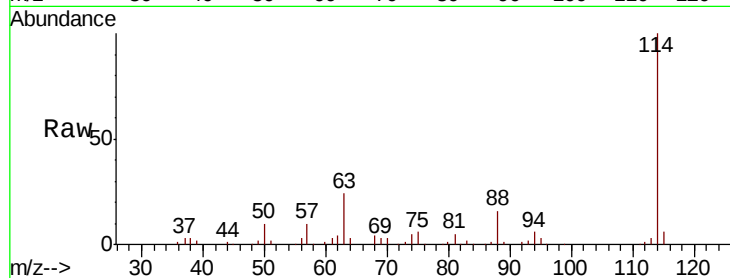
Tot Ion:114 Resp: 185856

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.6

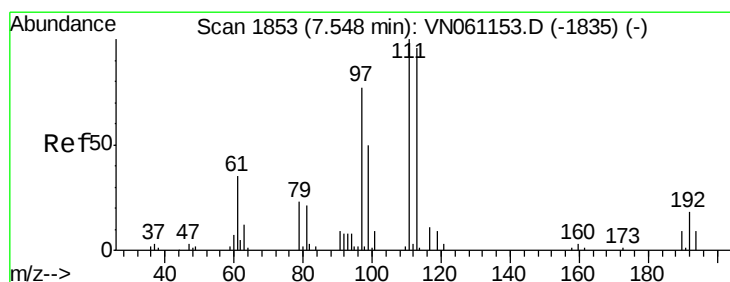
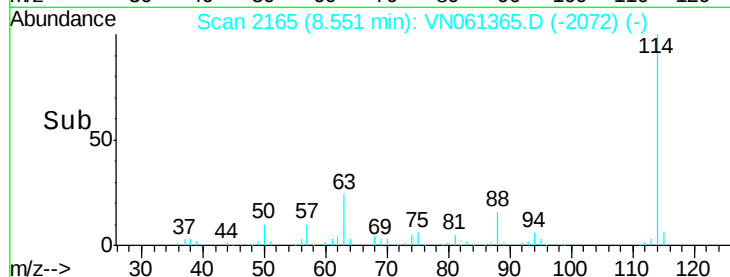
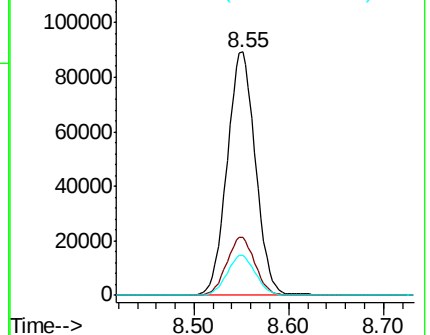
88 16.3 0.0 33.4



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: 43.351 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061365.D

Acq: 8 May 2020 16:32

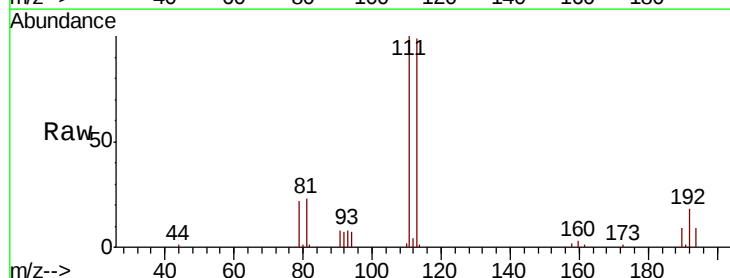
Tgt Ion:113 Resp: 47643

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

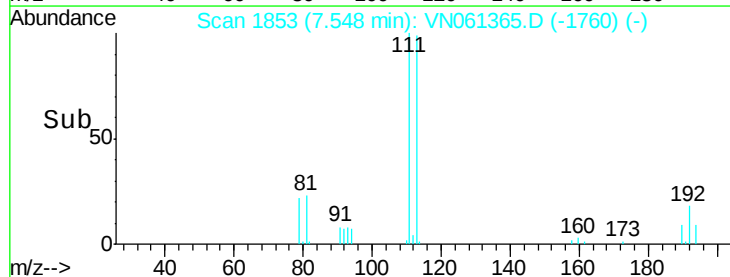
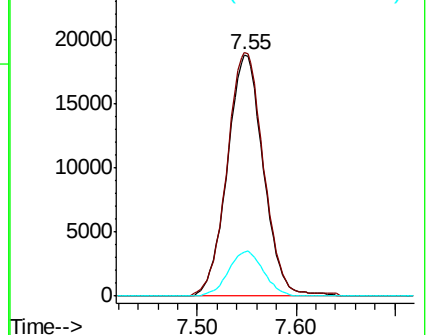
192 18.2 14.7 22.1

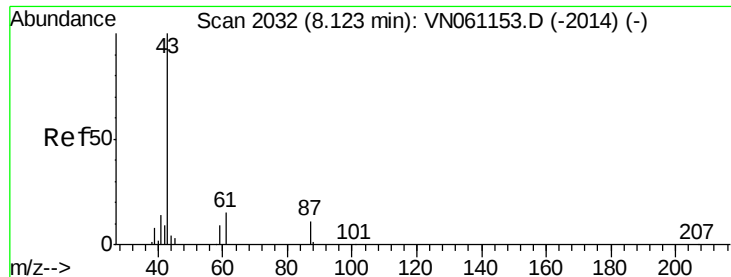


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.180 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061365.D

Acq: 8 May 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#01

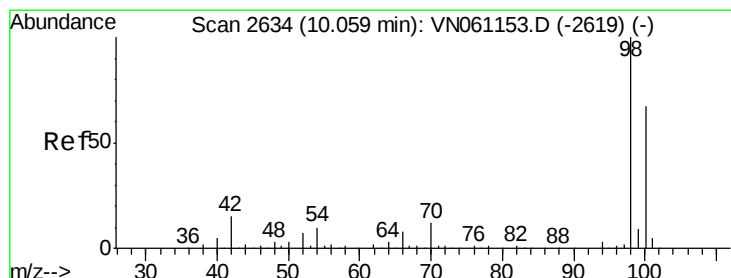
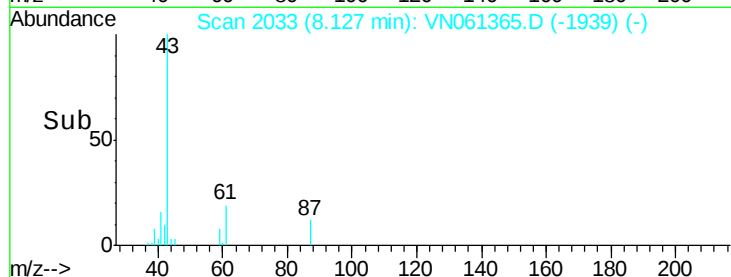
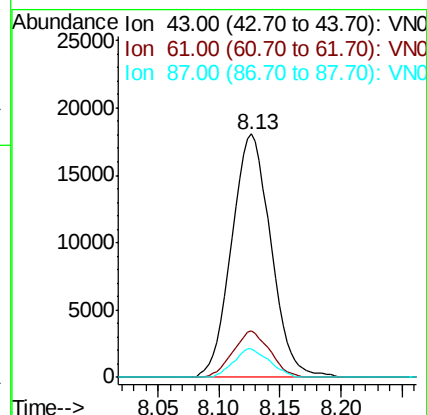
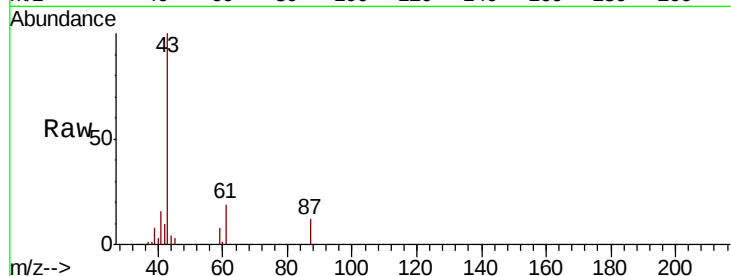
Tot Ion: 43 Resp: 40471

Ion Ratio Lower Upper

43 100

61 17.9 19.5 29.3#

87 10.6 8.9 13.3



#50

Toluene-d8

Concen: 52.693 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061365.D

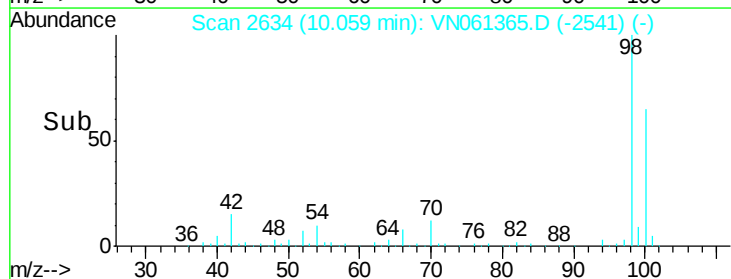
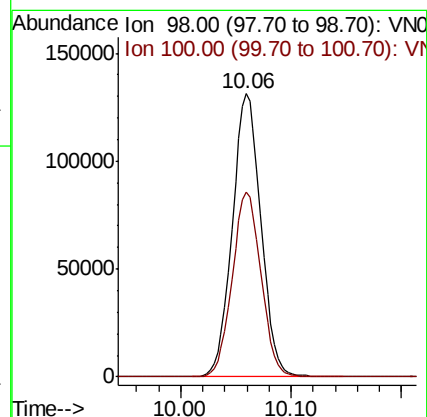
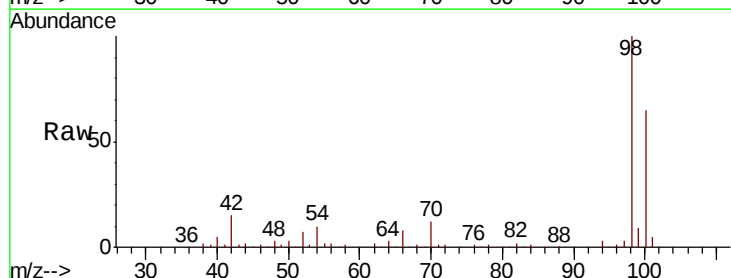
Acq: 8 May 2020 16:32

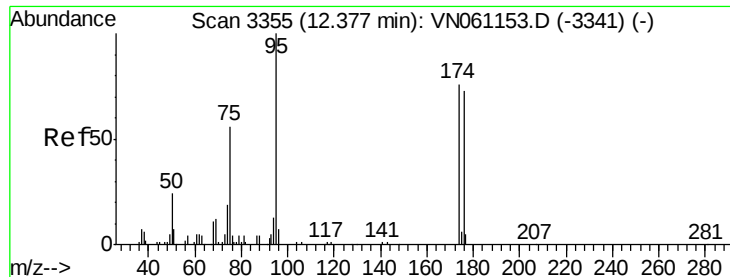
Tgt Ion: 98 Resp: 236070

Ion Ratio Lower Upper

98 100

100 65.8 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 51.895 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061365.D

Acq: 8 May 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#01

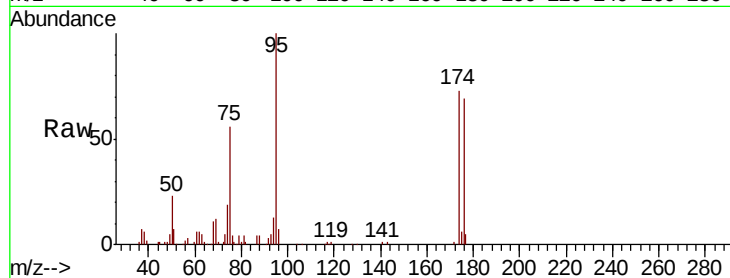
Tot Ion: 95 Resp: 87493

Ion Ratio Lower Upper

95 100

174 73.3 0.0 149.4

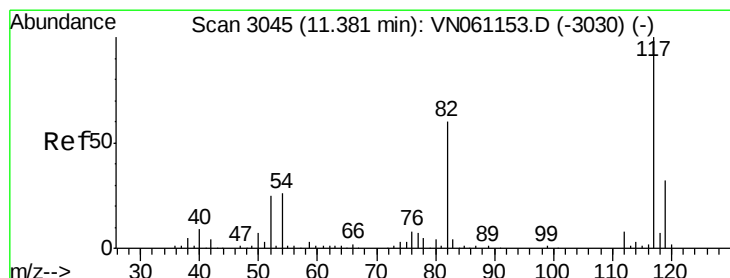
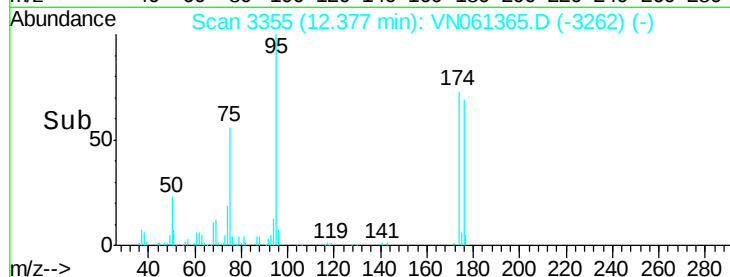
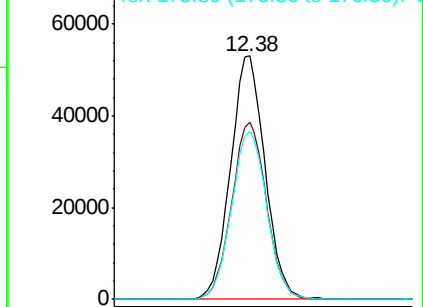
176 70.5 0.0 144.8



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: VN061365.D

Acq: 8 May 2020 16:32

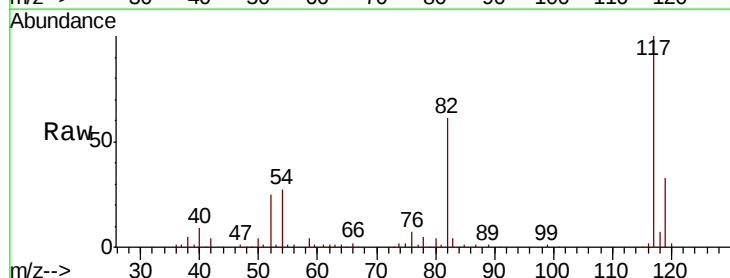
Tgt Ion: 117 Resp: 181766

Ion Ratio Lower Upper

117 100

82 61.3 47.8 71.8

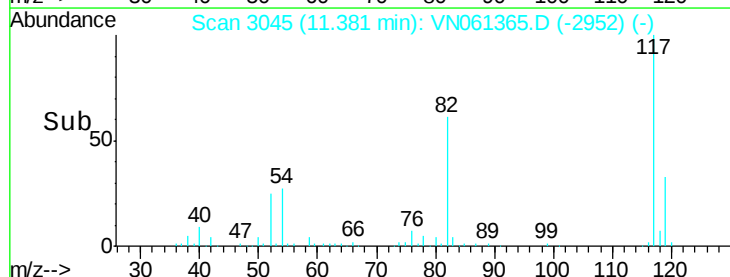
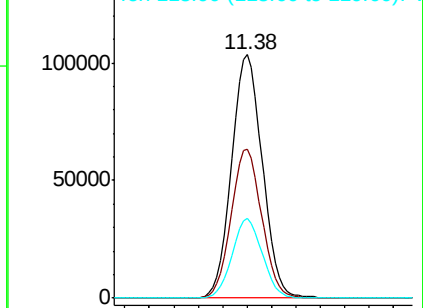
119 32.6 25.8 38.6

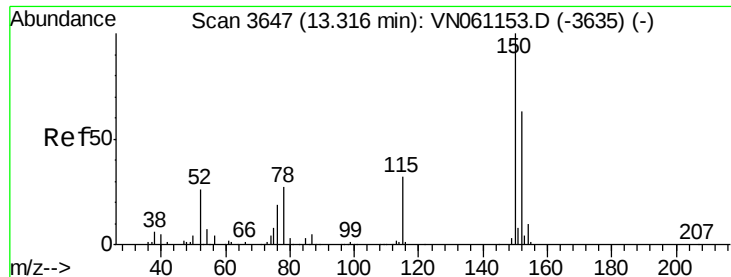


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

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: VN061365.D

Acq: 8 May 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#01

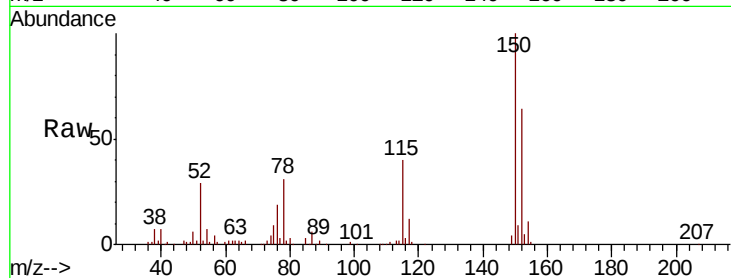
Tot Ion:152 Resp: 78545

Ion Ratio Lower Upper

152 100

115 62.0 31.0 93.0

150 156.9 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

