

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061369.D
 Acq On : 8 May 2020 18:05
 Operator : JC/MD
 Sample : PB128729ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128729ZHE#05

Quant Time: May 11 04:31:05 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

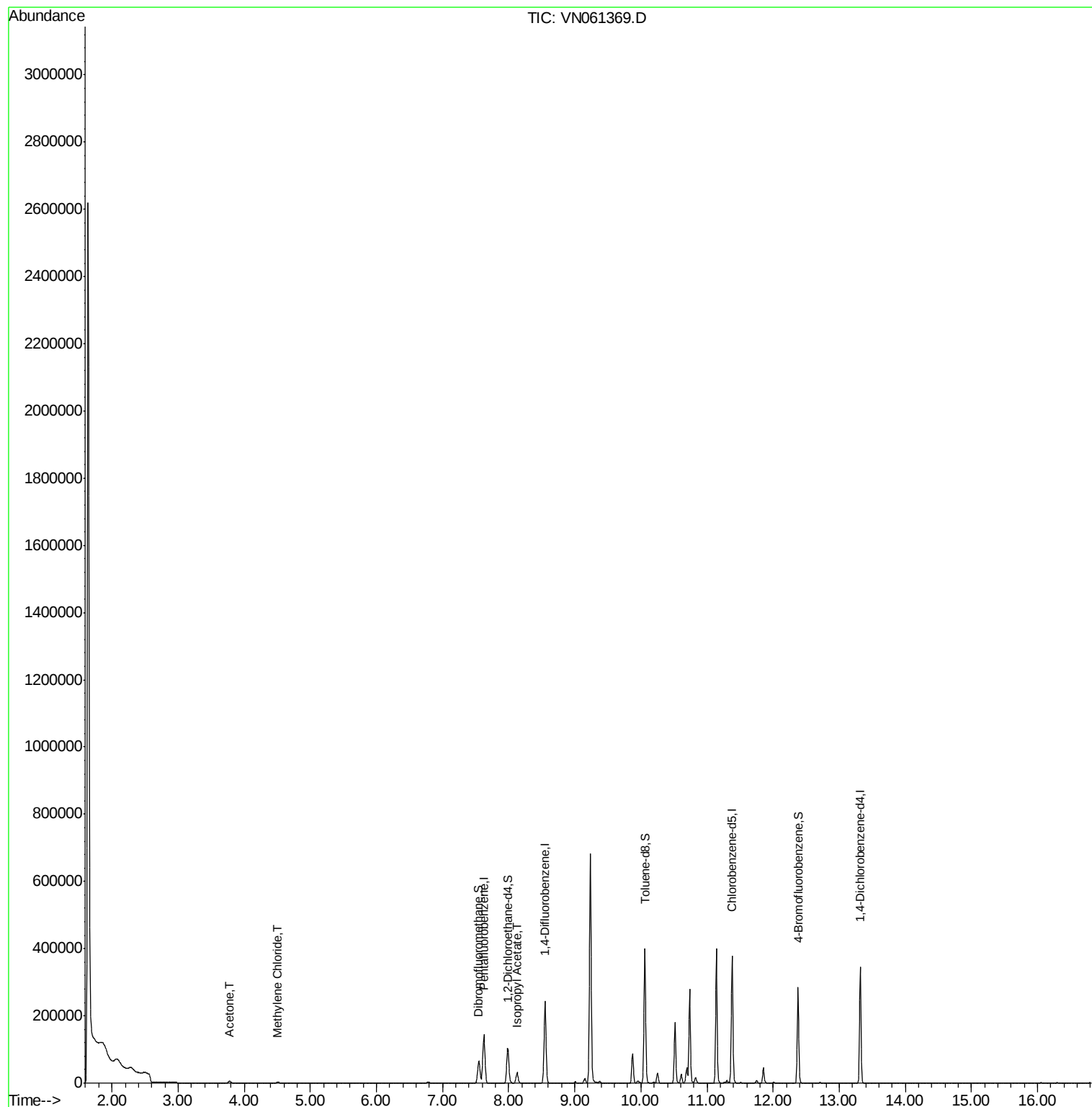
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	108465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	200092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	197528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90978	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.55	113	50161	42.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.78%	
50) Toluene-d8	10.06	98	254955	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.38	95	94470	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
Target Compounds						
16) Acetone	3.78	43	9825	9.487	ug/l	98
20) Methylene Chloride	4.50	84	1549	1.157	ug/l #	88
43) Isopropyl Acetate	8.13	43	38351	9.841	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: VN061369.D

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MSVOA_N

ClientSampleId :

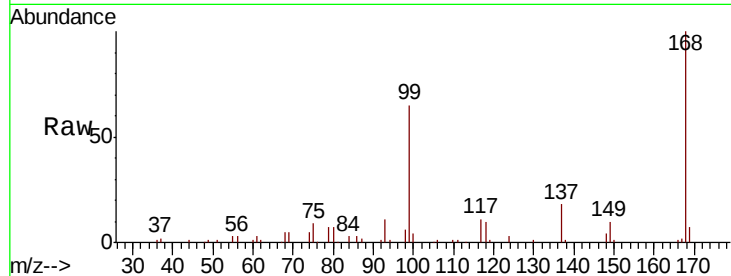
PB128729ZHE#05

Tot Ion:168 Resp: 108465

Ion Ratio Lower Upper

168 100

99 64.6 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

50000

40000

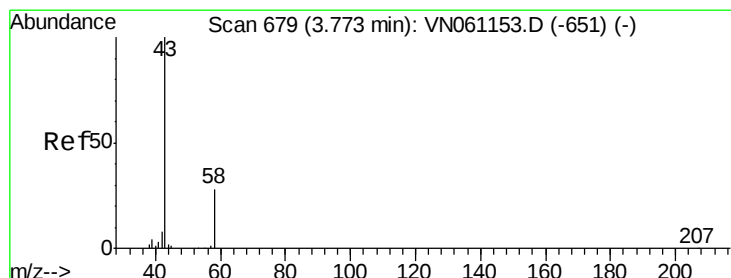
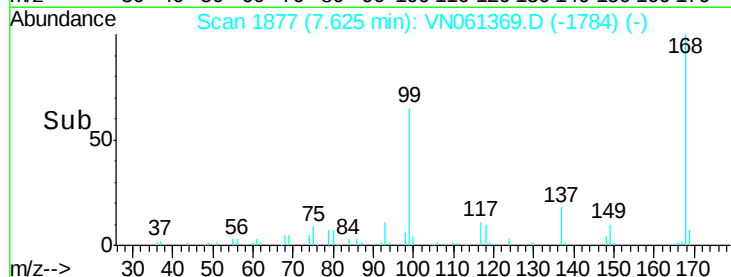
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.487 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061369.D

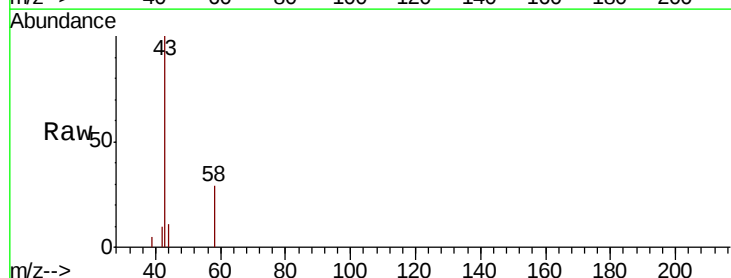
Acq: 8 May 2020 18:05

Tgt Ion: 43 Resp: 9825

Ion Ratio Lower Upper

43 100

58 28.9 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

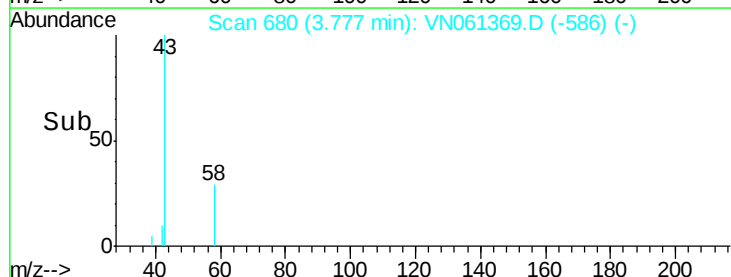
3000

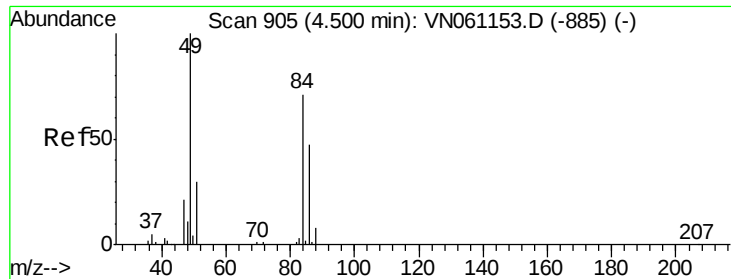
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

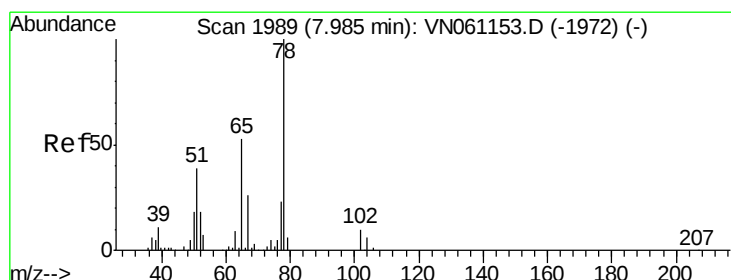
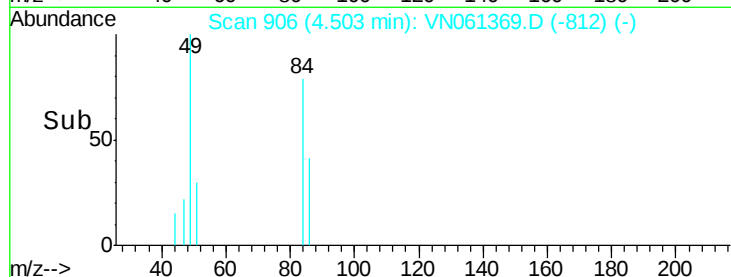
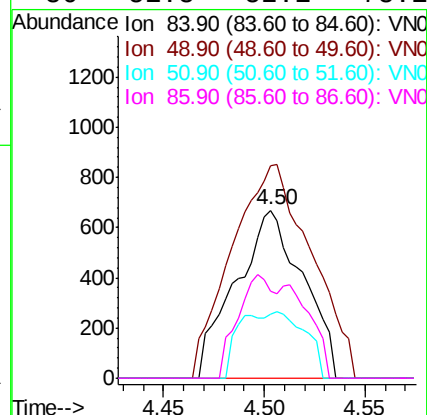
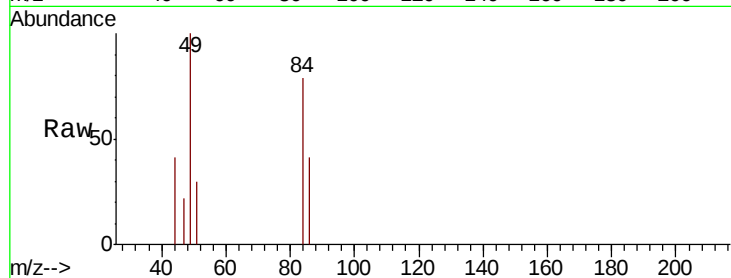




#20
Methvlene Chloride
Concen: 1.157 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061369.D
Acq: 8 May 2020 18:05

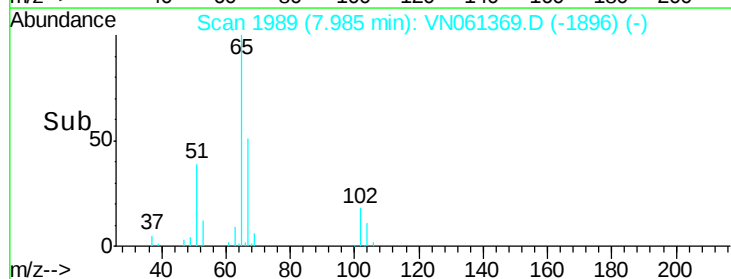
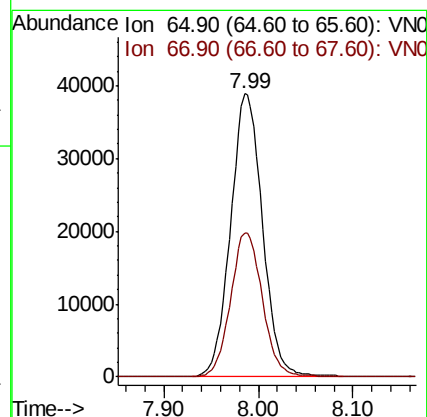
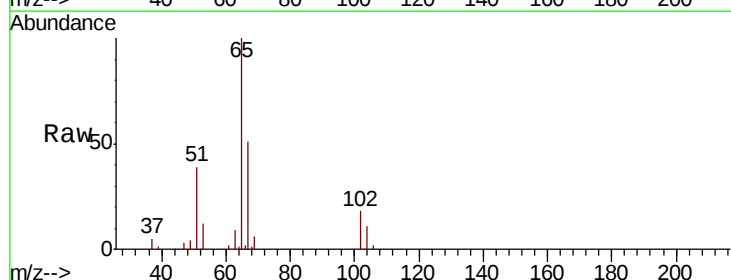
Instrument :
MSVOA_N
ClientSampleId :
PB128729ZHE#05

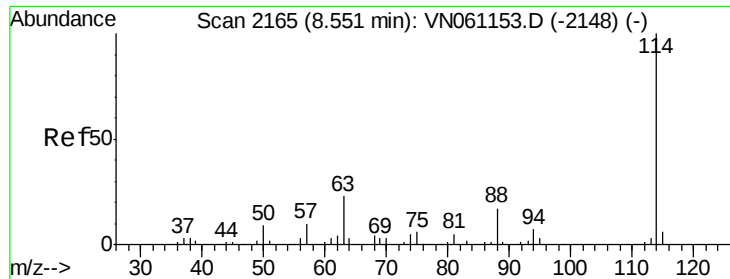
Tot Ion: 84 Resp: 1549
Ion Ratio Lower Upper
84 100
49 126.1 112.0 168.0
51 38.2 33.6 50.4
86 51.8 52.1 78.1#



#33
1,2-Dichloroethane-d4
Concen: 53.010 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061369.D
Acq: 8 May 2020 18:05

Tgt Ion: 65 Resp: 90978
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.6

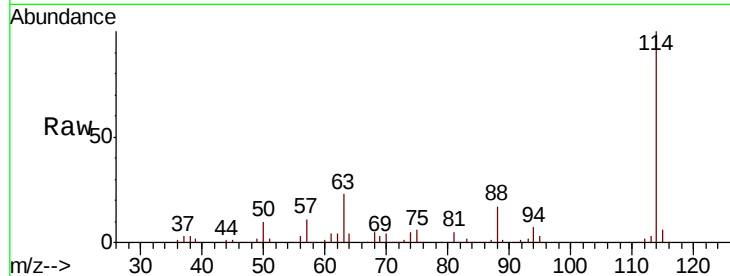




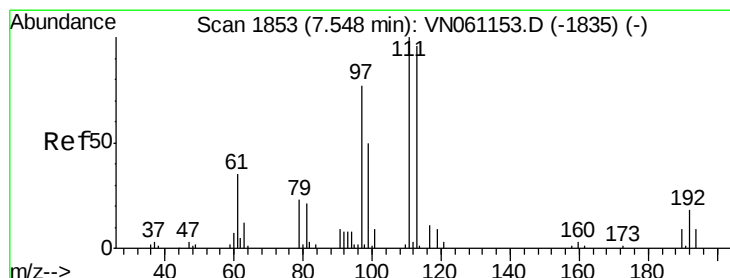
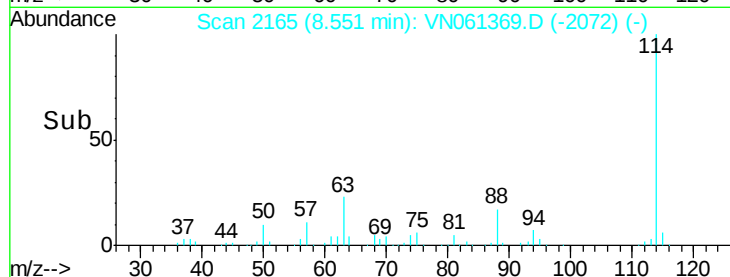
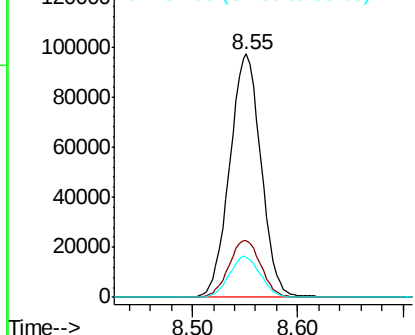
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061369.D
 Acq: 8 May 2020 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128729ZHE#05

Tot Ion:114 Resp: 200092
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.6
 88 16.6 0.0 33.4

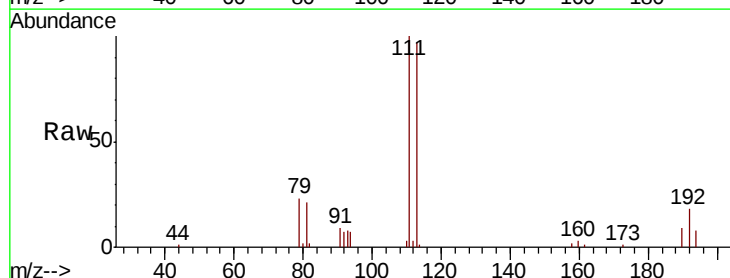


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

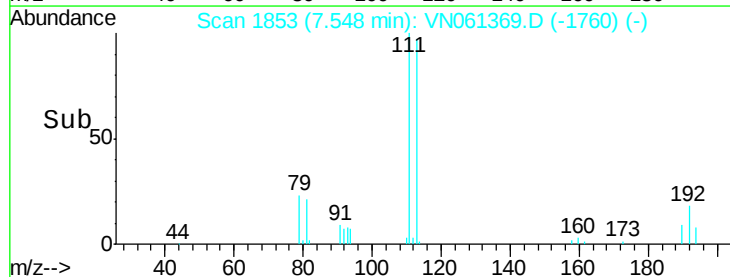
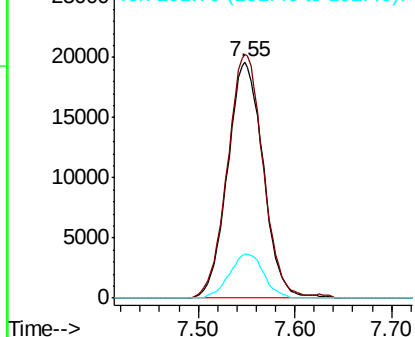


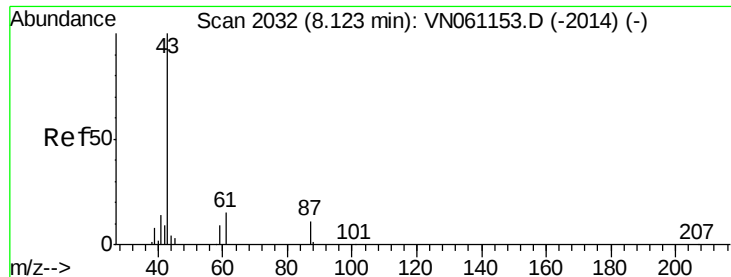
#35
 Dibromofluoromethane
 Concen: 42.395 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061369.D
 Acq: 8 May 2020 18:05

Tgt Ion:113 Resp: 50161
 Ion Ratio Lower Upper
 113 100
 111 103.1 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: 9.841 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061369.D

Acq: 8 May 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#05

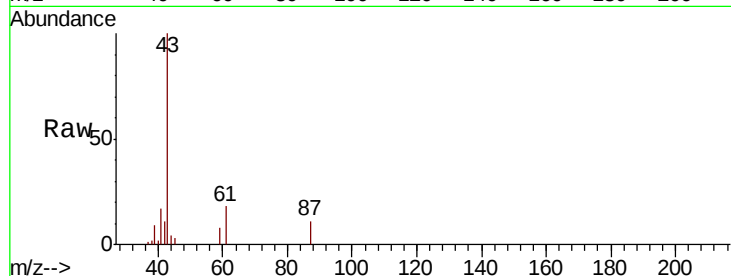
Tot Ion: 43 Resp: 38351

Ion Ratio Lower Upper

43 100

61 17.3 19.5 29.3#

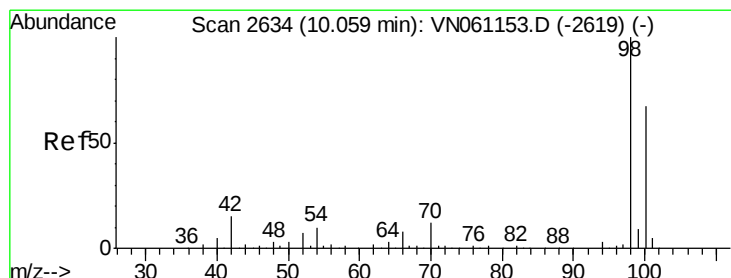
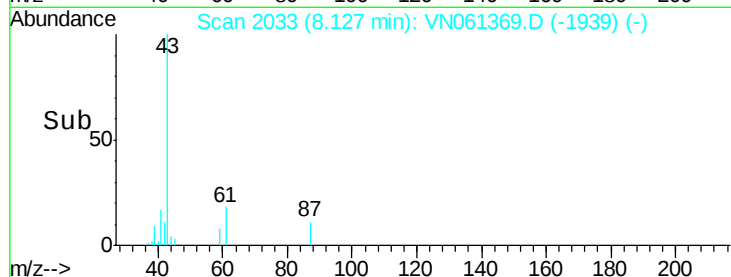
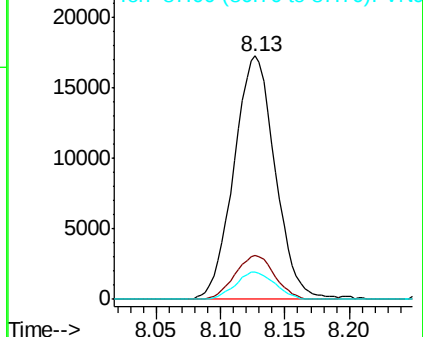
87 10.7 8.9 13.3



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: 52.859 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061369.D

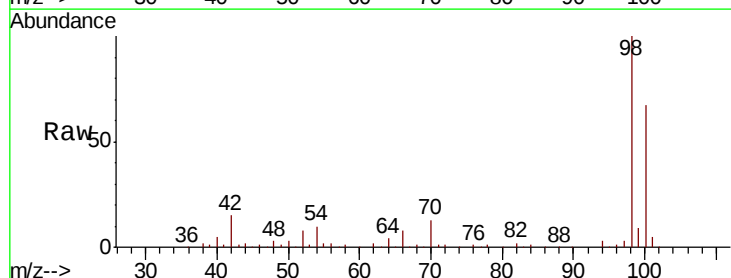
Acq: 8 May 2020 18:05

Tgt Ion: 98 Resp: 254955

Ion Ratio Lower Upper

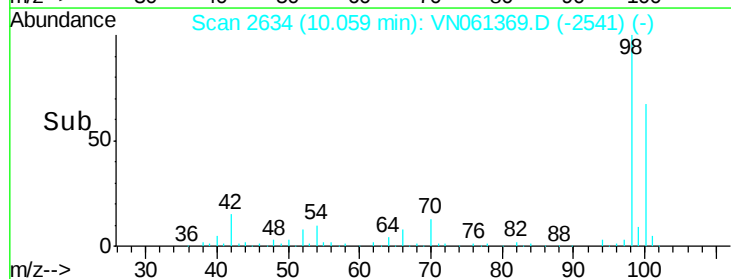
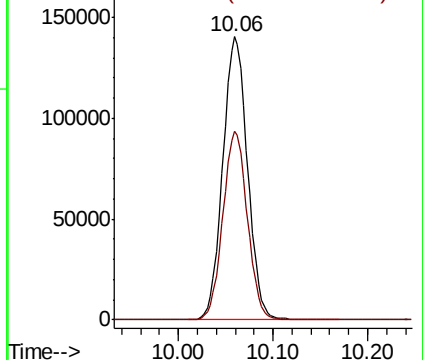
98 100

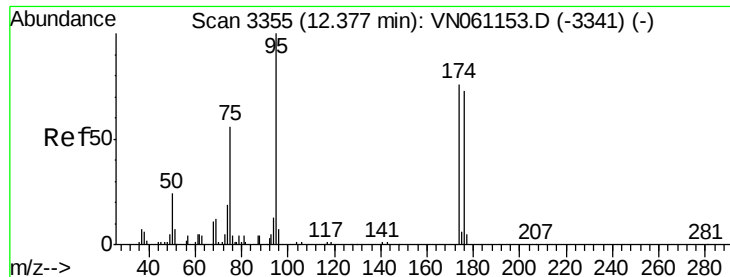
100 66.1 53.4 80.0



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: 52.047 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061369.D

Acq: 8 May 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#05

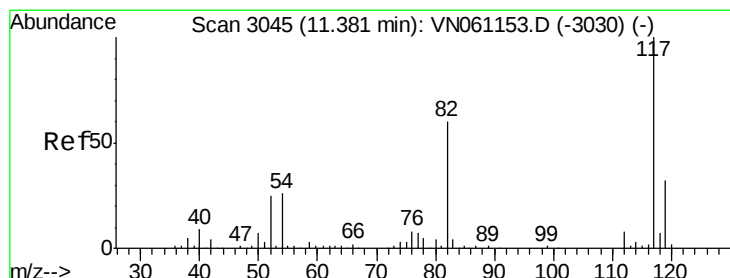
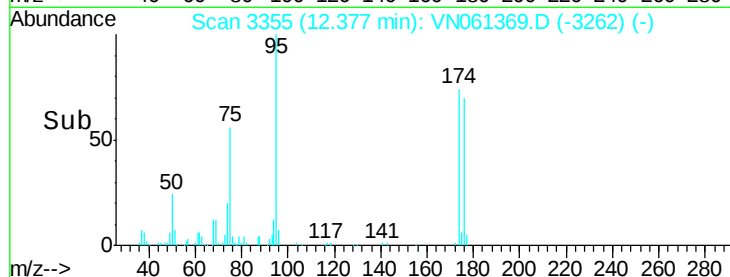
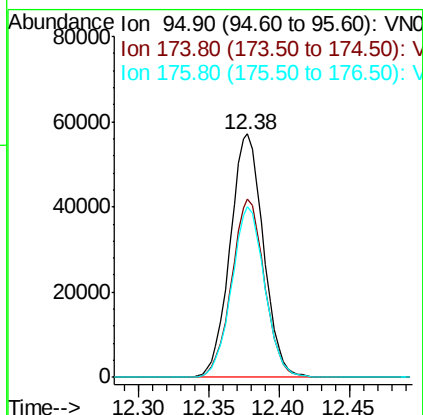
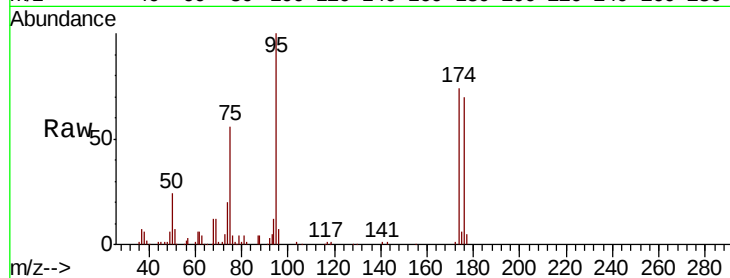
Tot Ion: 95 Resp: 94470

Ion Ratio Lower Upper

95 100

174 72.4 0.0 149.4

176 69.5 0.0 144.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061369.D

Acq: 8 May 2020 18:05

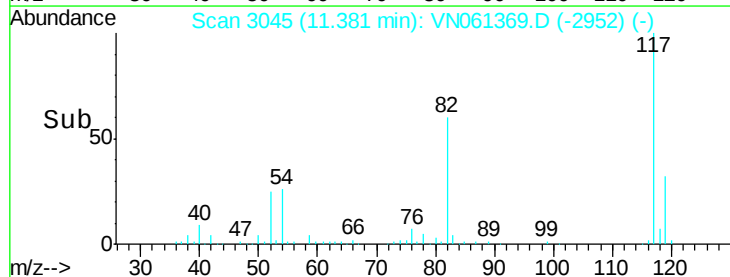
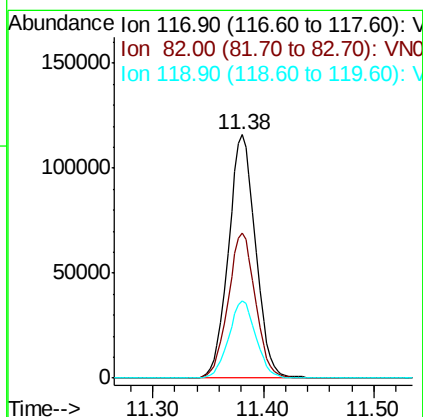
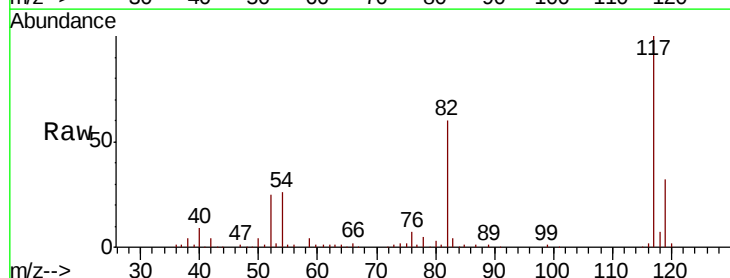
Tgt Ion: 117 Resp: 197528

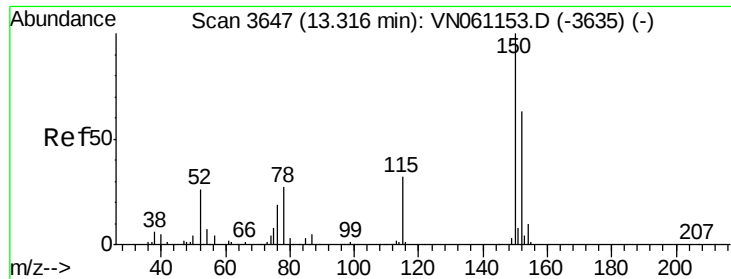
Ion Ratio Lower Upper

117 100

82 59.6 47.8 71.8

119 31.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061369.D

Acq: 8 May 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#05

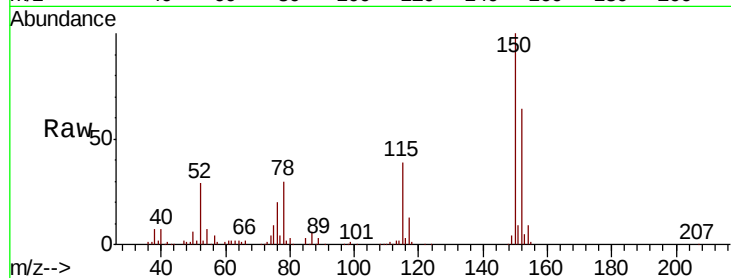
Tot Ion:152 Resp: 83700

Ion Ratio Lower Upper

152 100

115 61.8 31.0 93.0

150 158.3 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

