

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061370.D
 Acq On : 8 May 2020 18:28
 Operator : JC/MD
 Sample : PB128729ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128729ZHE#06

Quant Time: May 11 04:32:46 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

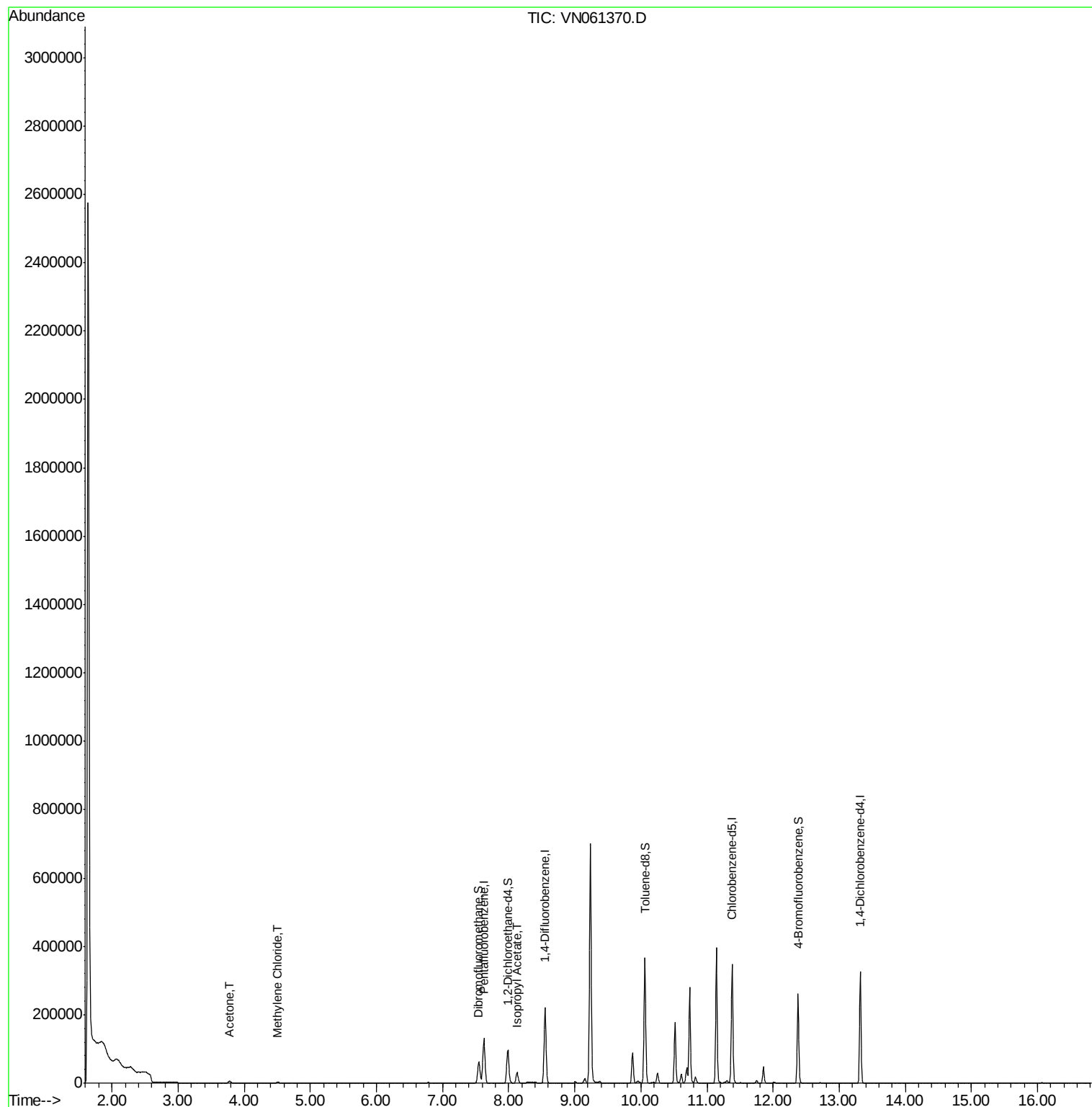
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	99330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	185174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	181745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	85130	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
35) Dibromofluoromethane	7.55	113	47564	43.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.88%	
50) Toluene-d8	10.06	98	233651	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.38	95	87726	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
Target Compounds						
16) Acetone	3.78	43	10343	11.751	ug/l	96
20) Methylene Chloride	4.50	84	1506	1.229	ug/l	94
43) Isopropyl Acetate	8.13	43	38746	10.743	ug/l #	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061370.D
Acq On : 8 May 2020 18:28
Operator : JC/MD
Sample : PB128729ZHE#06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB128729ZHE#06

Quant Time: May 11 04:32:46 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VN061370.D

Acq: 8 May 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

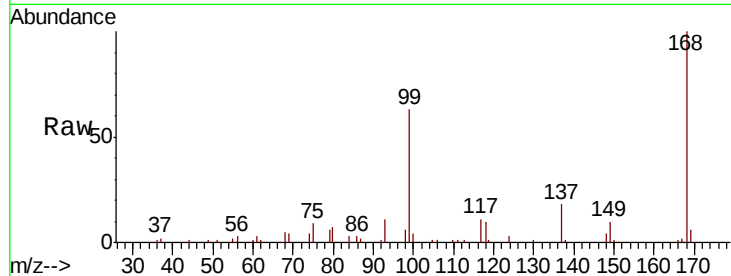
PB128729ZHE#06

Tot Ion:168 Resp: 99330

Ion Ratio Lower Upper

168 100

99 63.3 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

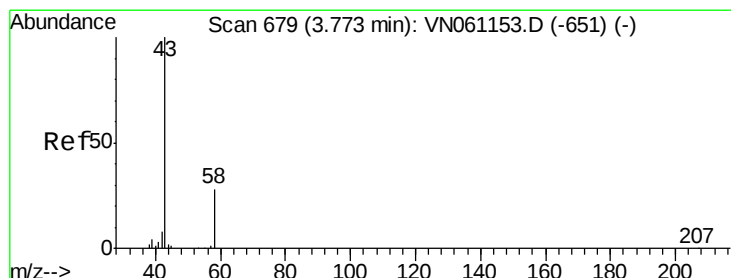
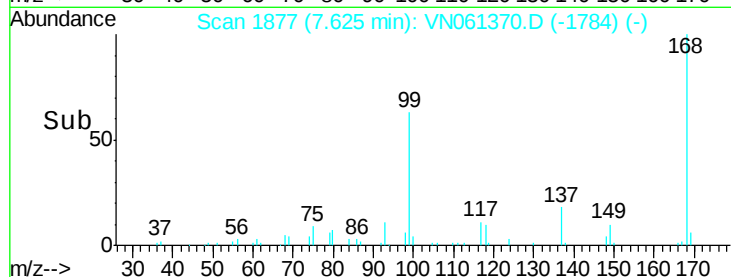
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.751 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061370.D

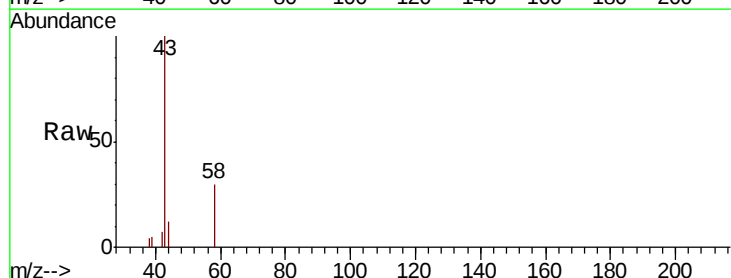
Acq: 8 May 2020 18:28

Tgt Ion: 43 Resp: 10343

Ion Ratio Lower Upper

43 100

58 29.7 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

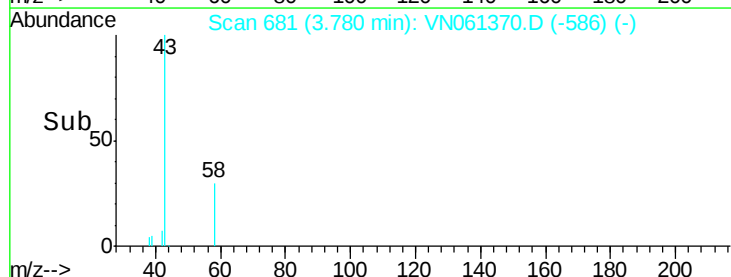
3000

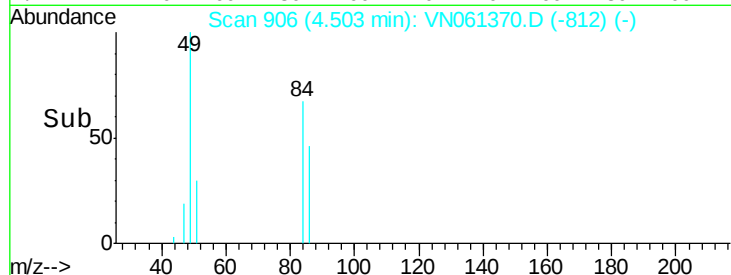
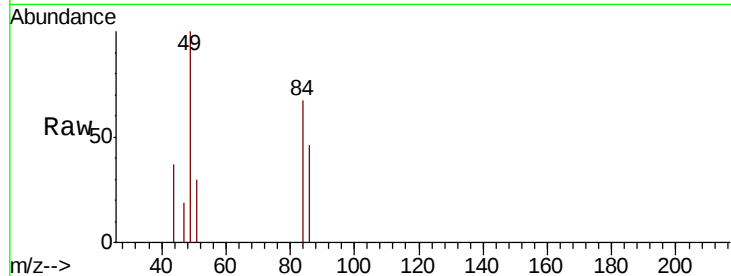
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

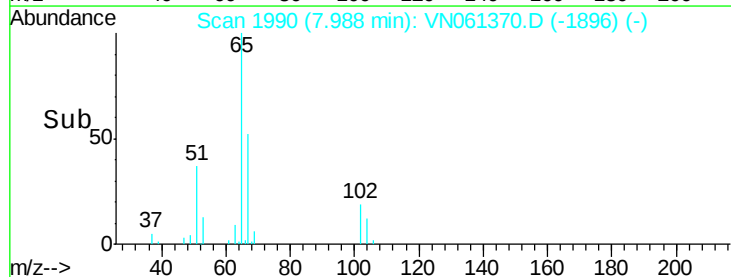
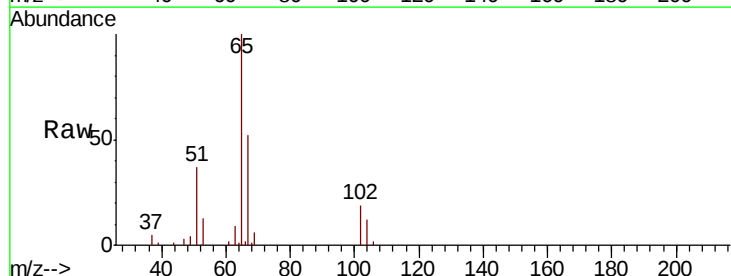
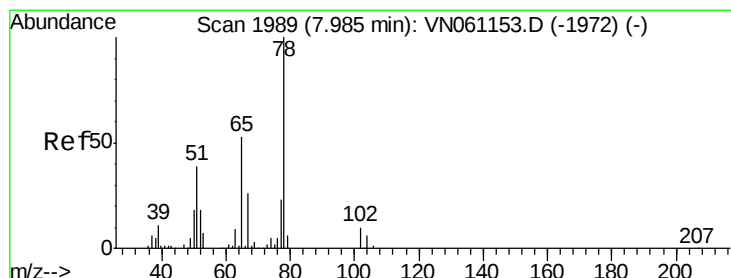
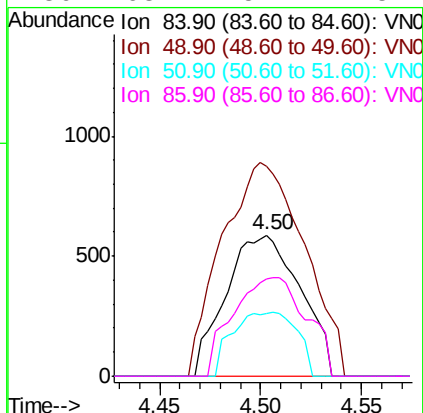




#20
Methylene Chloride
Concen: 1.229 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061370.D
Acq: 8 May 2020 18:28

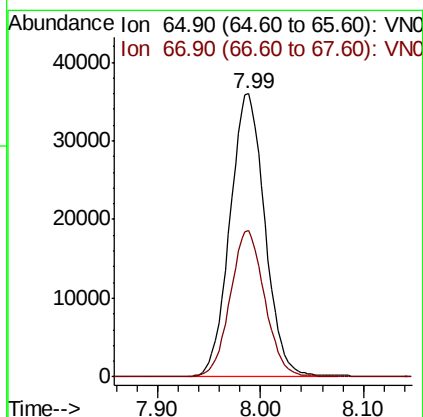
Instrument :
MSVOA_N
ClientSampleId :
PB128729ZHE#06

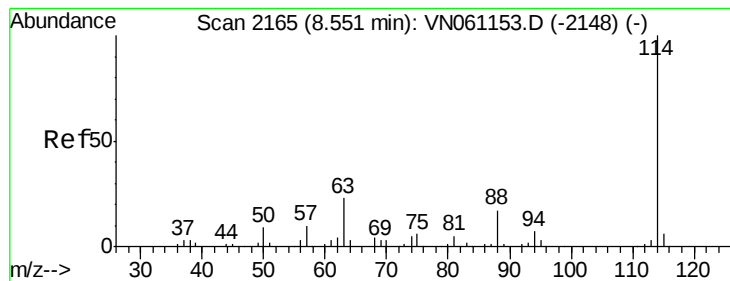
Tot Ion: 84	Resp: 1506
Ion Ratio	Lower Upper
84 100	
49 148.9	112.0 168.0
51 44.1	33.6 50.4
86 68.7	52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 54.164 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061370.D
Acq: 8 May 2020 18:28

Tgt Ion: 65	Resp: 85130		
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: VN061370.D

Acq: 8 May 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#06

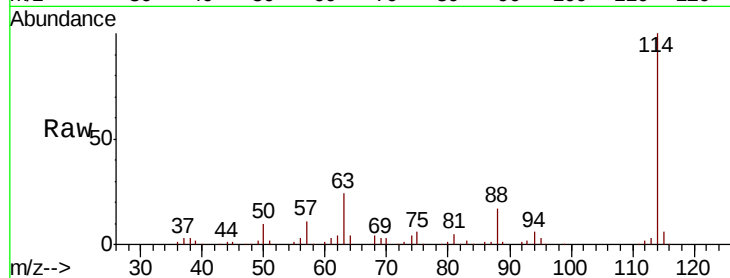
Tot Ion:114 Resp: 185174

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.6

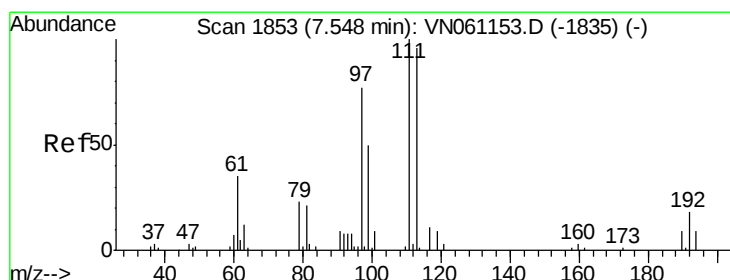
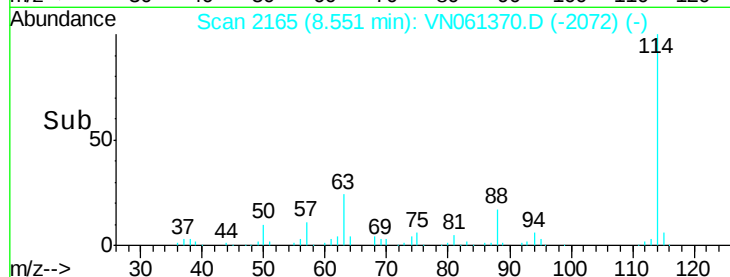
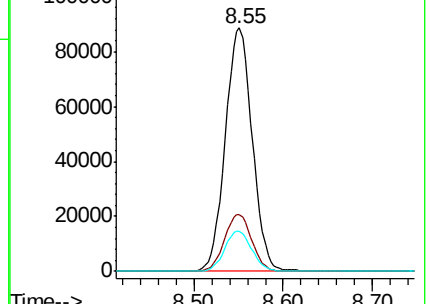
88 16.6 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 43.438 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VN061370.D

Acq: 8 May 2020 18:28

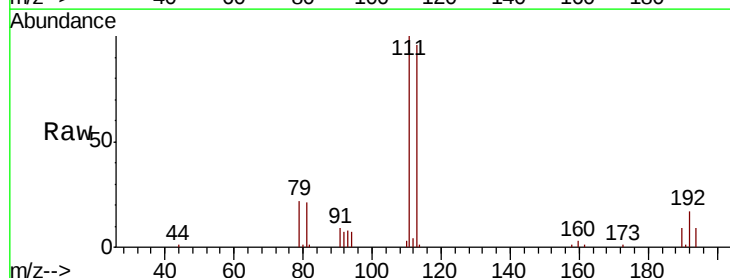
Tgt Ion:113 Resp: 47564

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

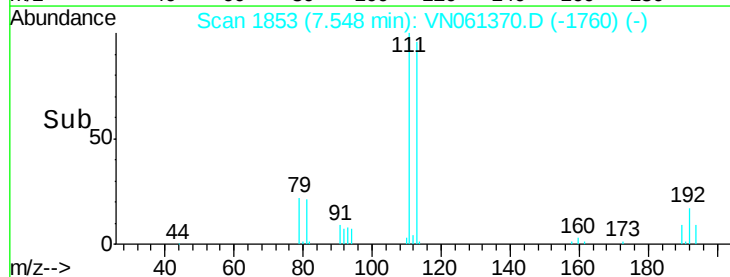
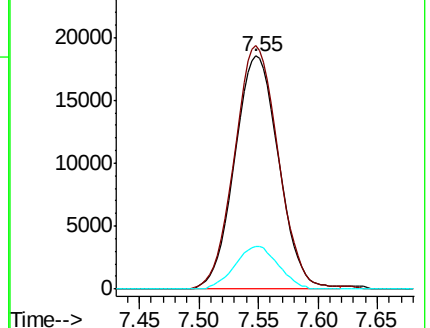
192 17.9 14.7 22.1

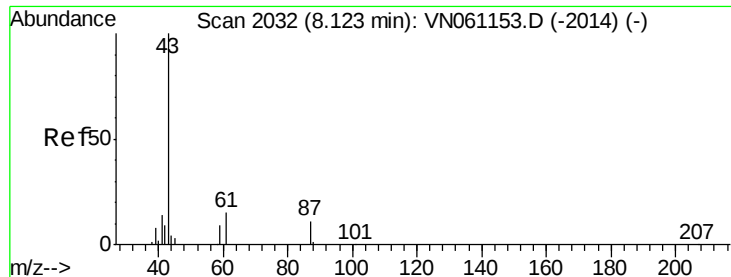


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.743 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061370.D

Acq: 8 May 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#06

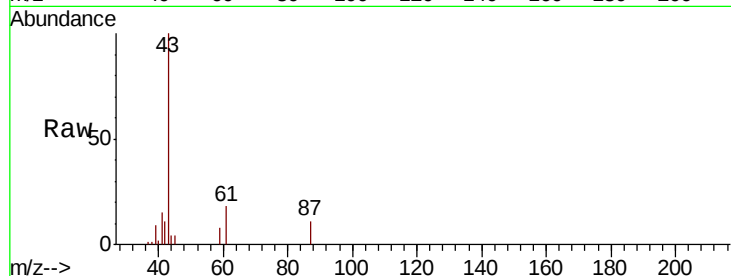
Tot Ion: 43 Resp: 38746

Ion Ratio Lower Upper

43 100

61 16.9 19.5 29.3#

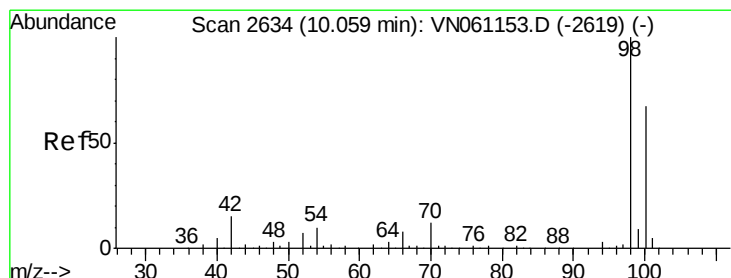
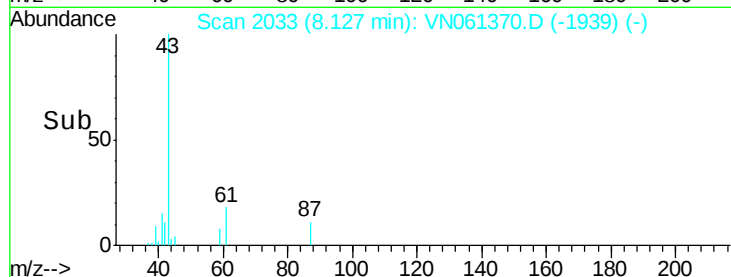
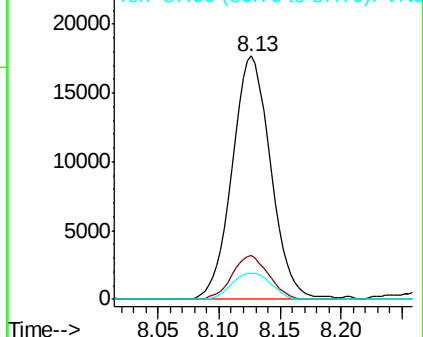
87 10.8 8.9 13.3



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: 52.345 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. -0.00 min

Lab File: VN061370.D

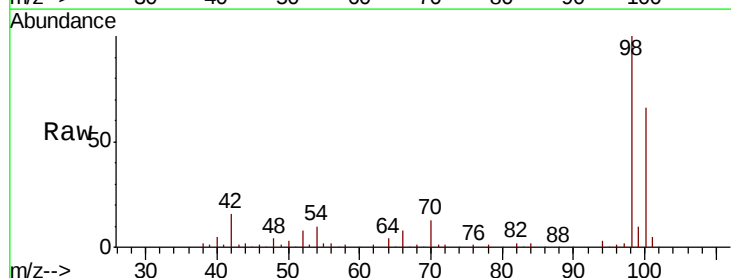
Acq: 8 May 2020 18:28

Tgt Ion: 98 Resp: 233651

Ion Ratio Lower Upper

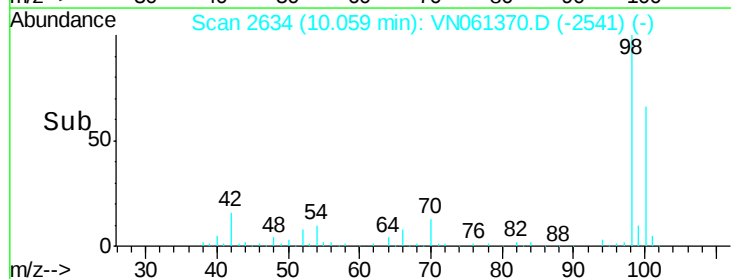
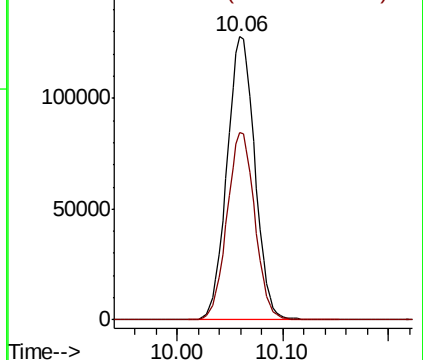
98 100

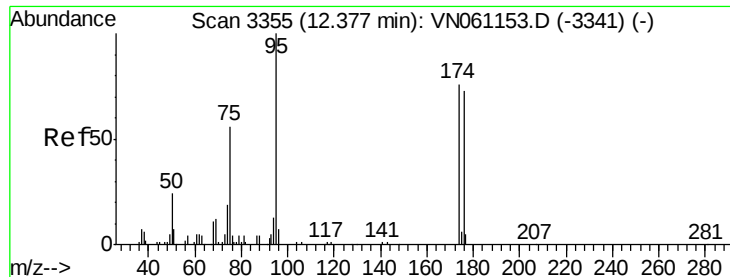
100 66.2 53.4 80.0



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: 52.225 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN061370.D

Acq: 8 May 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#06

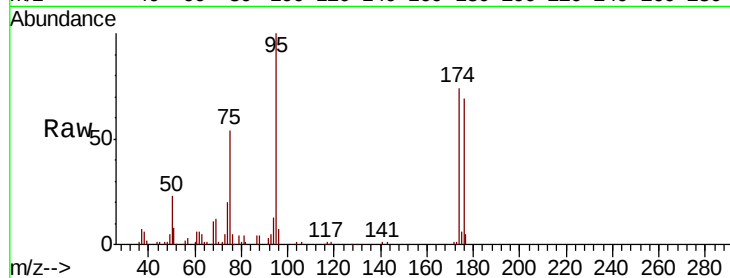
Tot Ion: 95 Resp: 87726

Ion Ratio Lower Upper

95 100

174 73.0 0.0 149.4

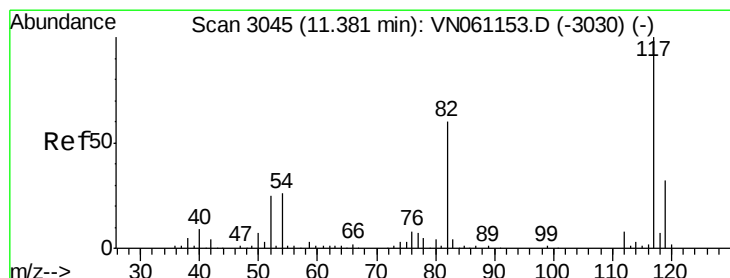
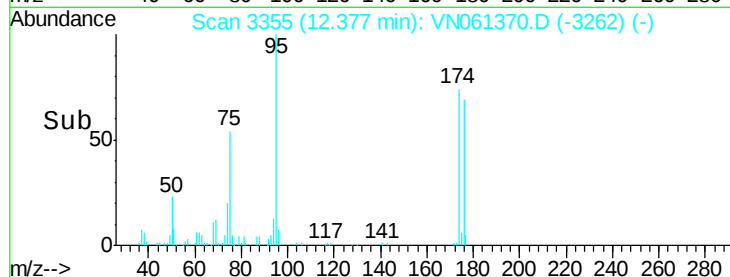
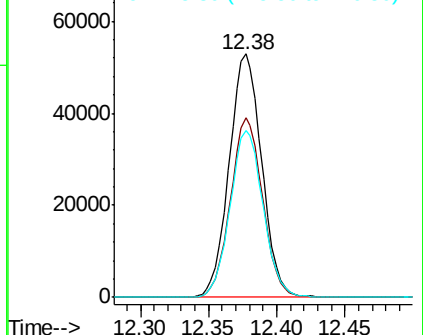
176 69.3 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061370.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061370.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061370.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. -0.00 min

Lab File: VN061370.D

Acq: 8 May 2020 18:28

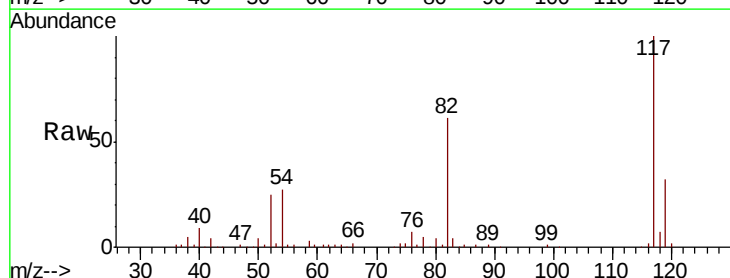
Tgt Ion: 117 Resp: 181745

Ion Ratio Lower Upper

117 100

82 60.7 47.8 71.8

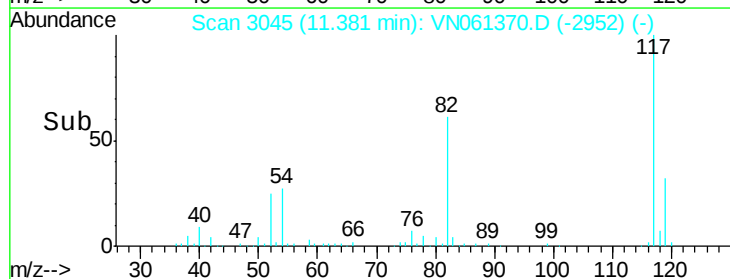
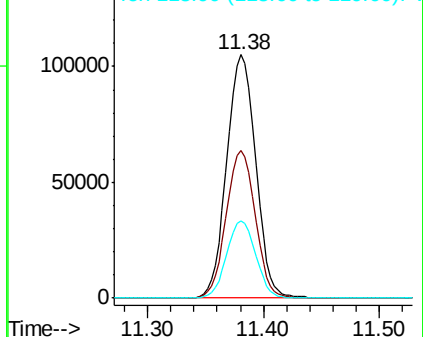
119 32.0 25.8 38.6

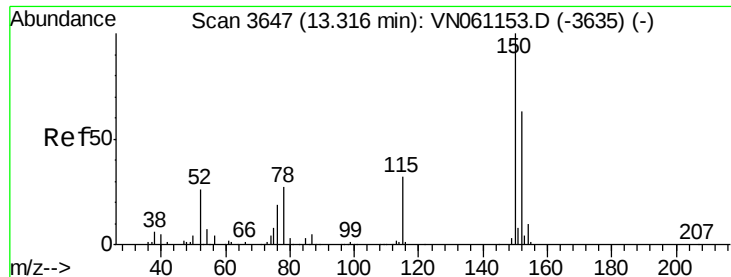


Abundance Ion 116.90 (116.60 to 117.60): VN061370.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061370.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061370.D (-2952) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061370.D

Acq: 8 May 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

PB128729ZHE#06

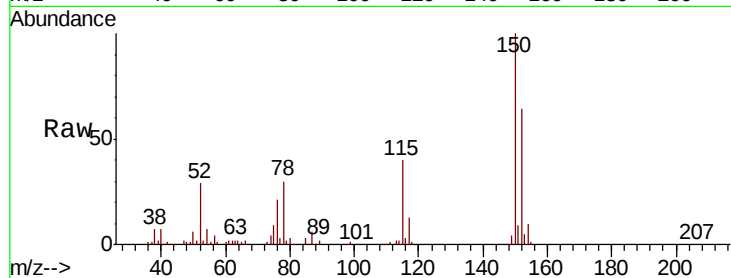
Tot Ion:152 Resp: 78564

Ion Ratio Lower Upper

152 100

115 62.8 31.0 93.0

150 156.6 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

