

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061462.D
 Acq On : 19 May 2020 6:09
 Operator : JC/MD
 Sample : PB128923ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128923ZHE#02

Quant Time: May 19 07:32:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

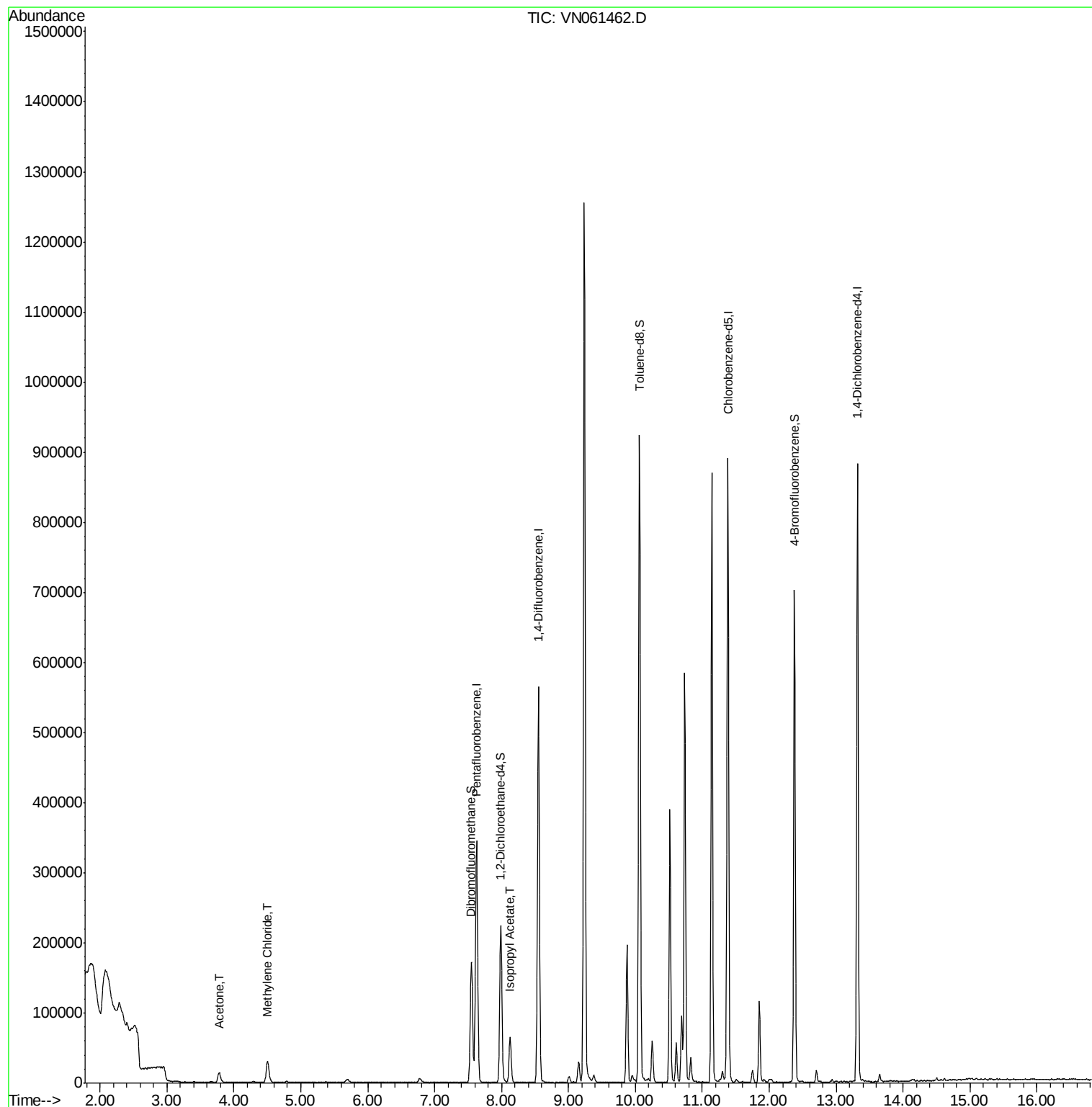
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	266287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	496758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	500534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	195080	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	7.55	113	131033	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.06	98	635210	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.38	95	248995	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
Target Compounds						
16) Acetone	3.77	43	25030	13.809	ug/l #	88
20) Methylene Chloride	4.50	84	22523	6.896	ug/l	98
43) Isopropyl Acetate	8.13	43	76262	10.380	ug/l #	90

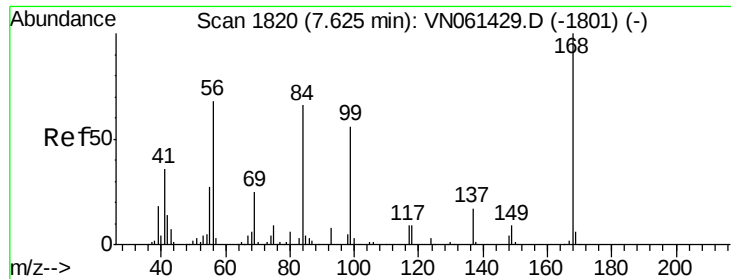
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061462.D

Acq: 19 May 2020 6:09

Instrument :

MSVOA_N

ClientSampleId :

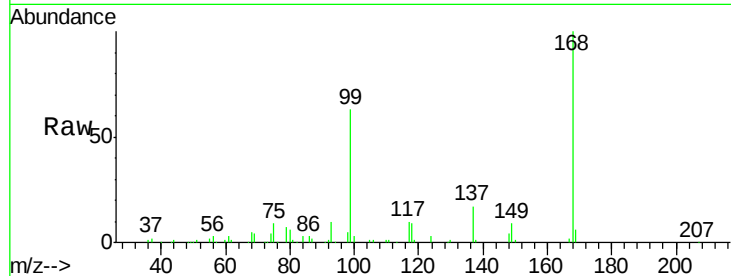
PB128923ZHE#02

Tot Ion:168 Resp: 266287

Ion Ratio Lower Upper

168 100

99 63.4 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

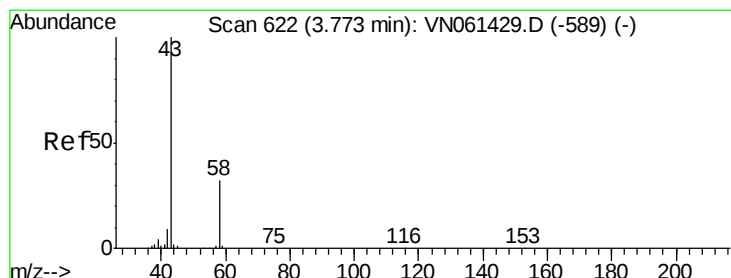
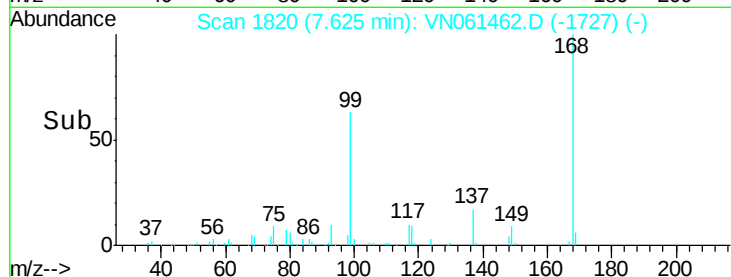
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 13.809 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061462.D

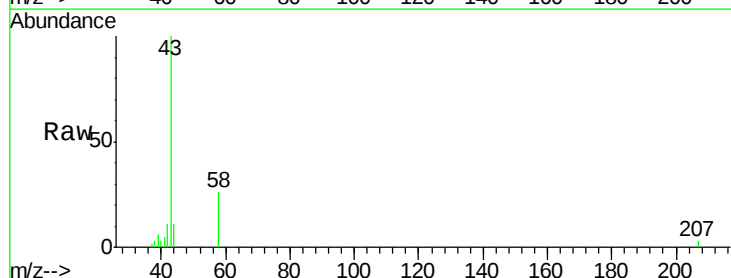
Acq: 19 May 2020 6:09

Tgt Ion: 43 Resp: 25030

Ion Ratio Lower Upper

43 100

58 25.5 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.77

10000

8000

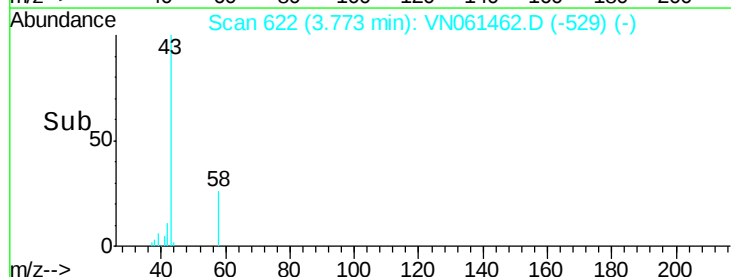
6000

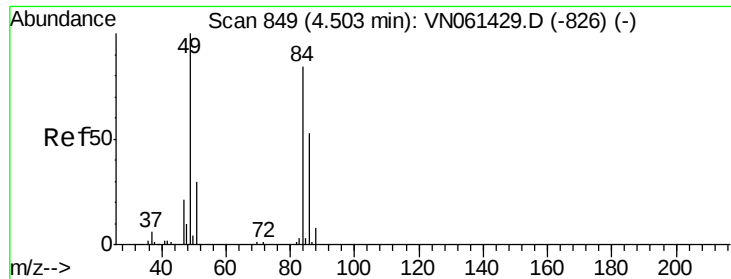
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 6.896 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN061462.D

Acq: 19 May 2020 6:09

Instrument :

MSVOA_N

ClientSampleId :

PB128923ZHE#02

Tot Ion: 84 Resp: 22523

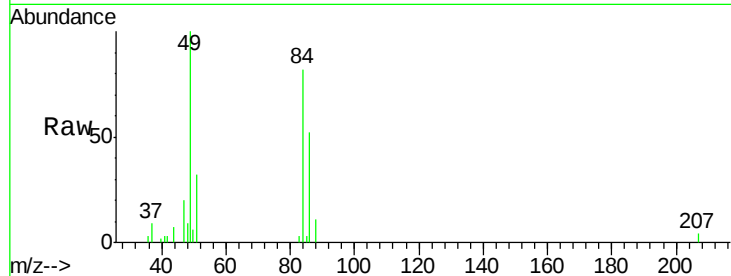
Ion Ratio Lower Upper

84 100

49 121.3 95.3 142.9

51 38.8 29.0 43.6

86 63.5 50.2 75.2

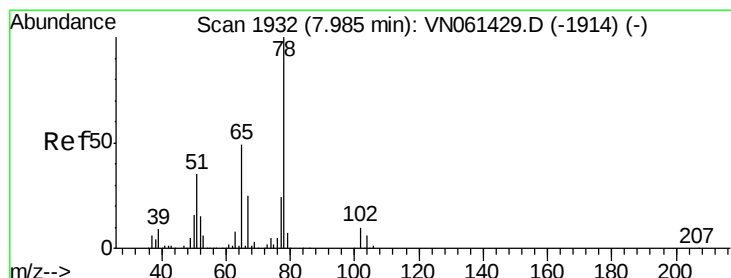
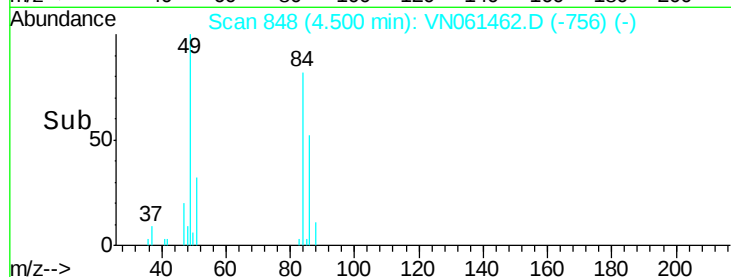
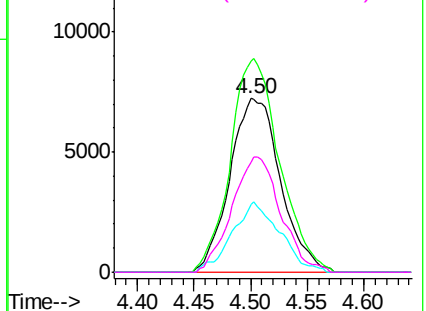


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 49.086 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061462.D

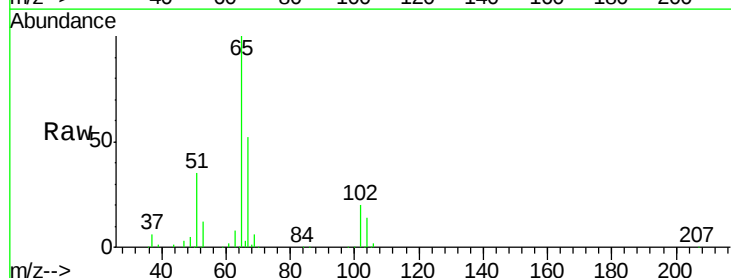
Acq: 19 May 2020 6:09

Tgt Ion: 65 Resp: 195080

Ion Ratio Lower Upper

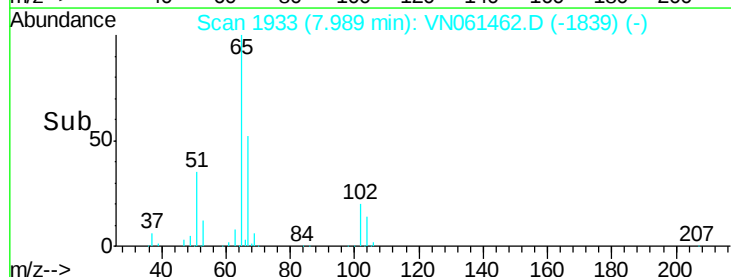
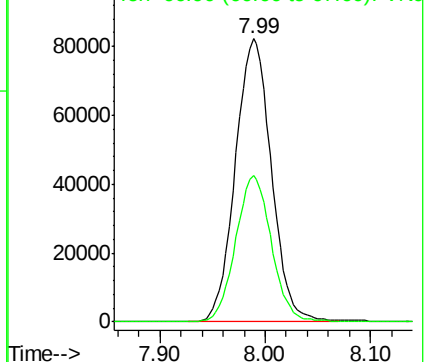
65 100

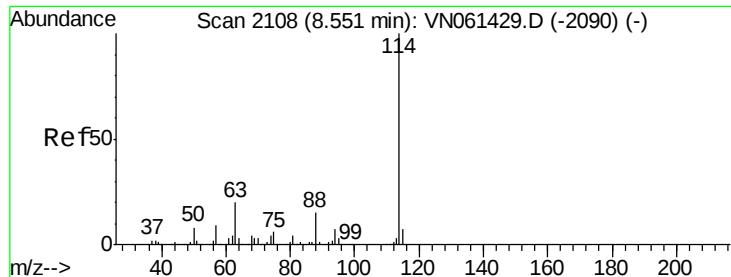
67 51.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

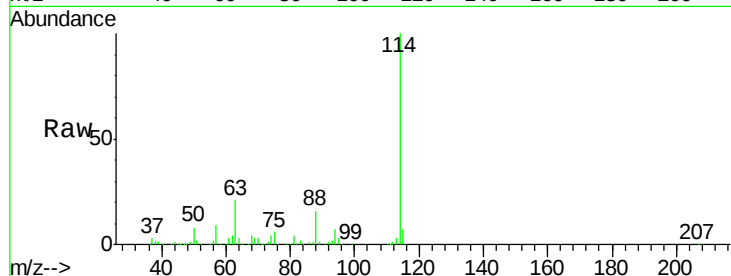




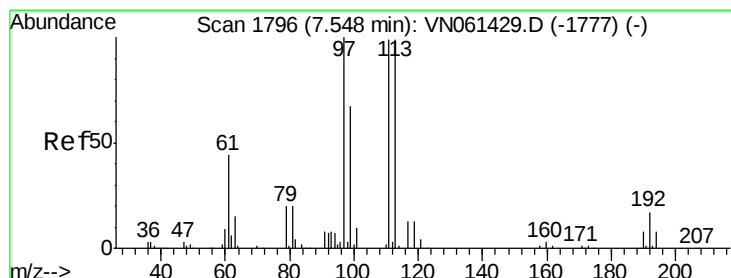
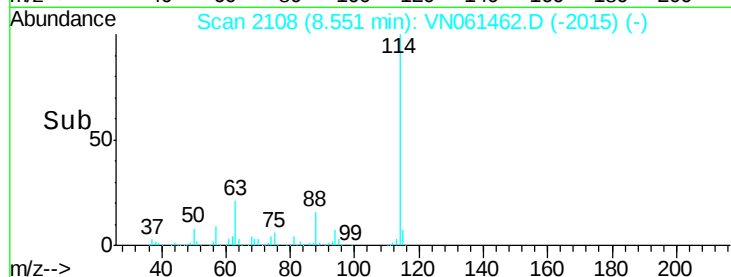
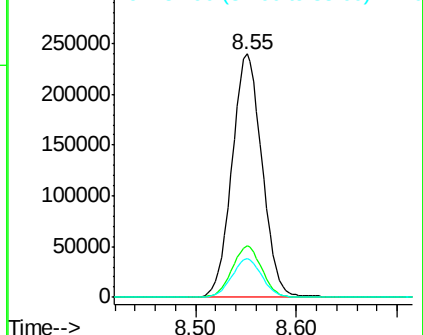
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061462.D
 Acq: 19 May 2020 6:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128923ZHE#02

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	16.1	0.0	30.8

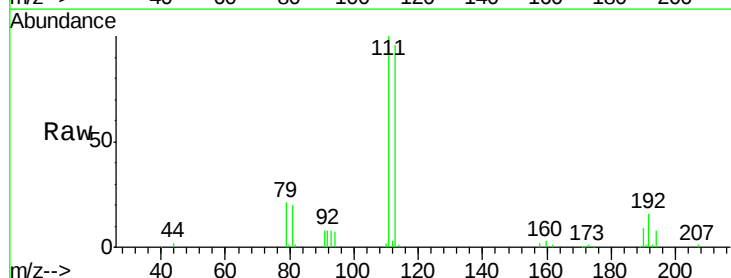


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

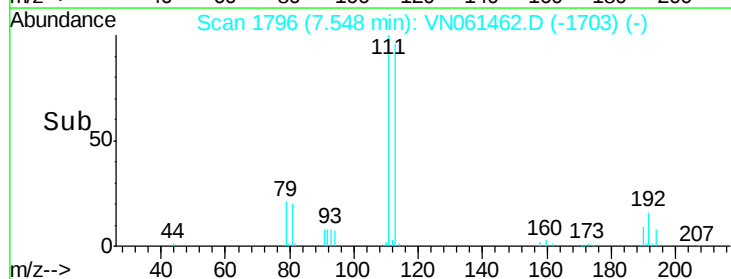
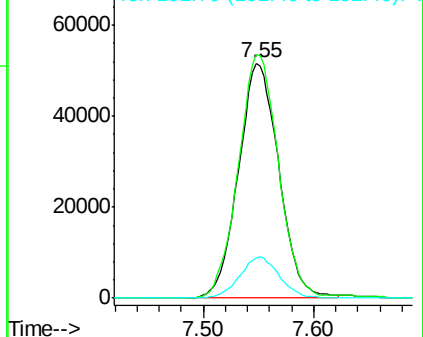


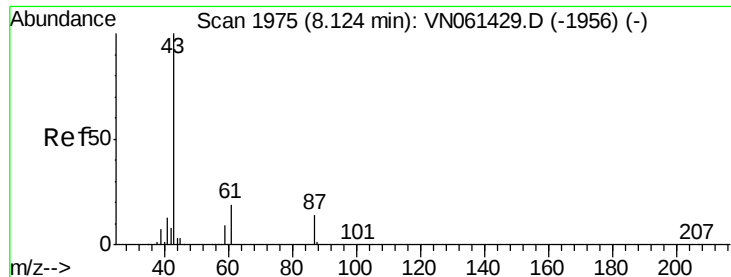
#35
 Dibromofluoromethane
 Concen: 50.351 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061462.D
 Acq: 19 May 2020 6:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.6	121.0
192	17.1	13.2	19.8



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



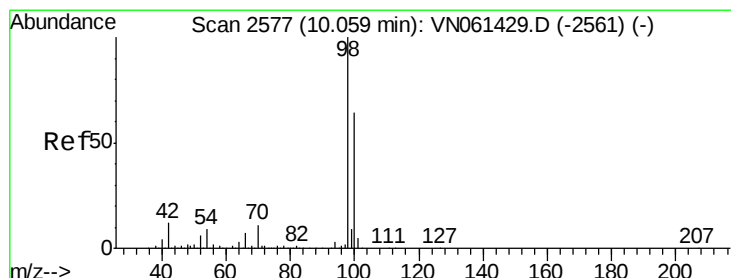
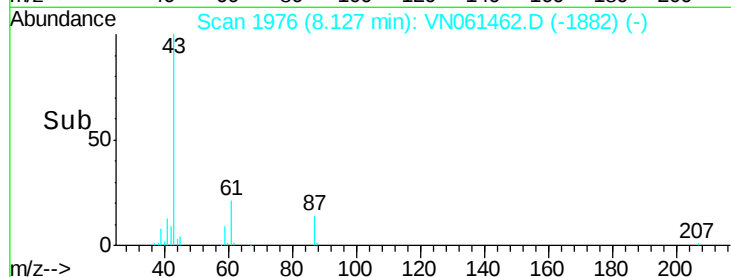
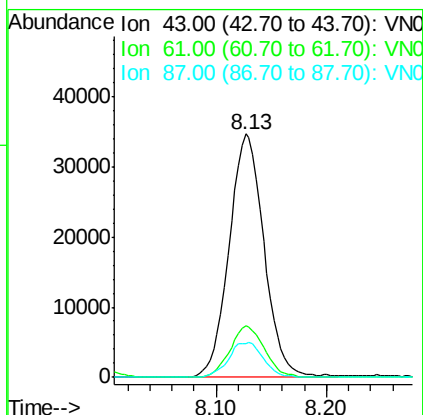
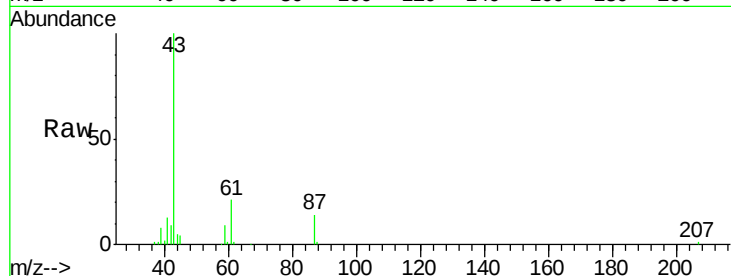


#43

Isopropyl Acetate
 Concen: 10.380 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061462.D
 Acq: 19 May 2020 6:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128923ZHE#02

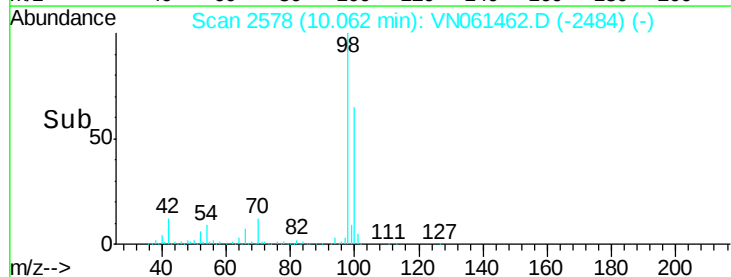
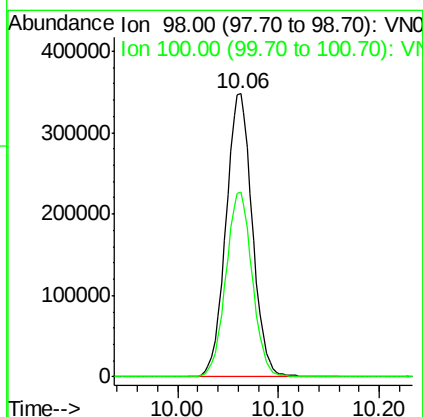
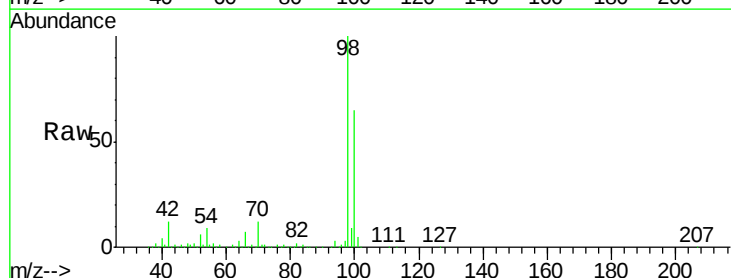
Tot Ion	43	Resp	76262
Ion Ratio	Lower	Upper	
43	100		
61	20.8	23.0	34.4#
87	14.2	11.6	17.4

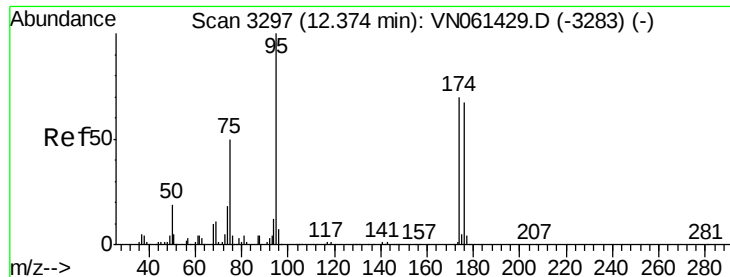


#50

Toluene-d8
 Concen: 52.625 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN061462.D
 Acq: 19 May 2020 6:09

Tgt Ion	98	Resp	635210
Ion Ratio	Lower	Upper	
98	100		
100	65.3	51.8	77.8





#62

4-Bromofluorobenzene

Concen: 55.214 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061462.D

Acq: 19 May 2020 6:09

Instrument :

MSVOA_N

ClientSampleId :

PB128923ZHE#02

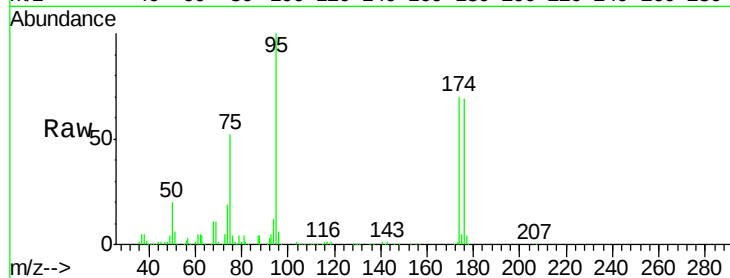
Tot Ion: 95 Resp: 248995

Ion Ratio Lower Upper

95 100

174 70.1 0.0 141.2

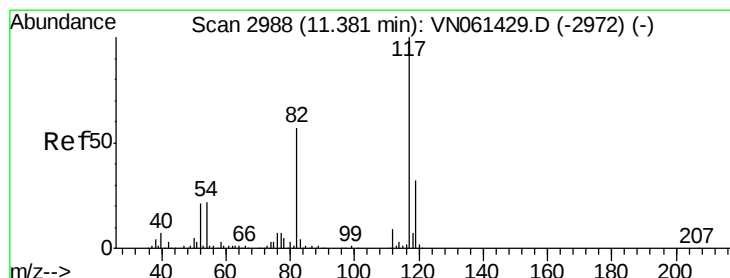
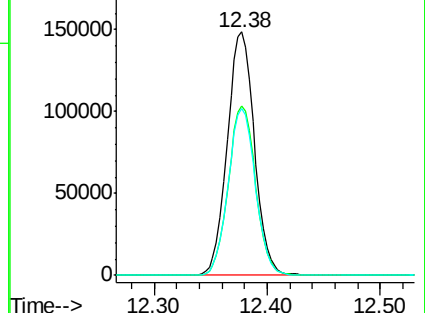
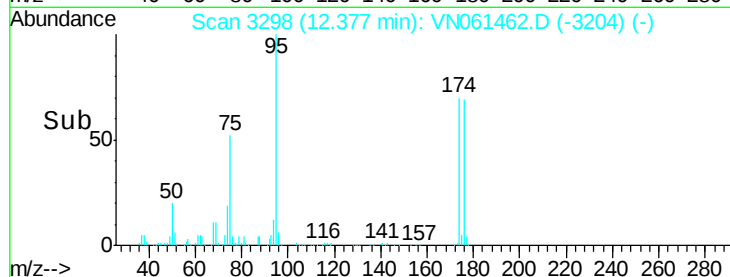
176 68.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061462.D (-3204) (-)

Ion 173.80 (173.50 to 174.50): VN061462.D (-3204) (-)

Ion 175.80 (175.50 to 176.50): VN061462.D (-3204) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061462.D

Acq: 19 May 2020 6:09

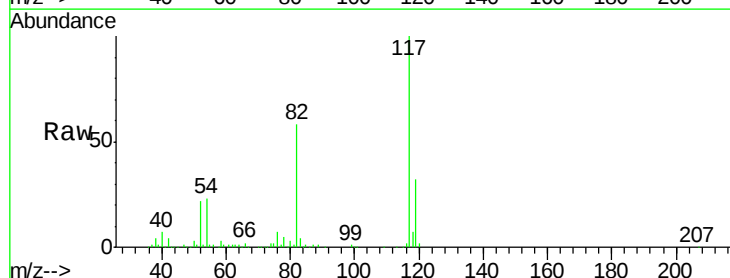
Tgt Ion: 117 Resp: 500534

Ion Ratio Lower Upper

117 100

82 58.1 45.2 67.8

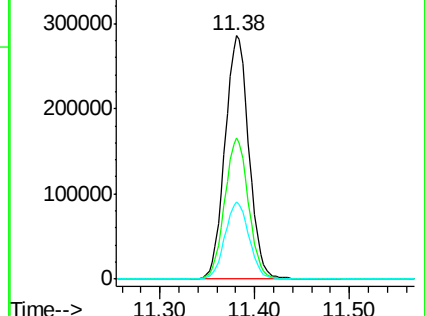
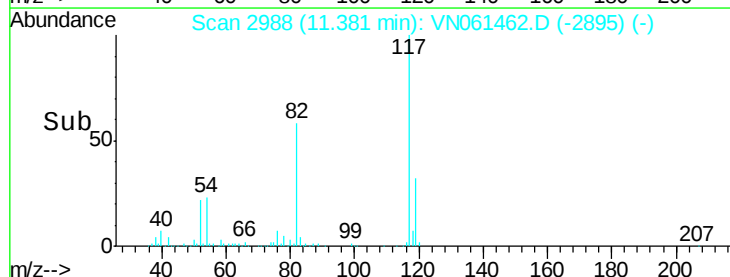
119 31.5 25.3 37.9

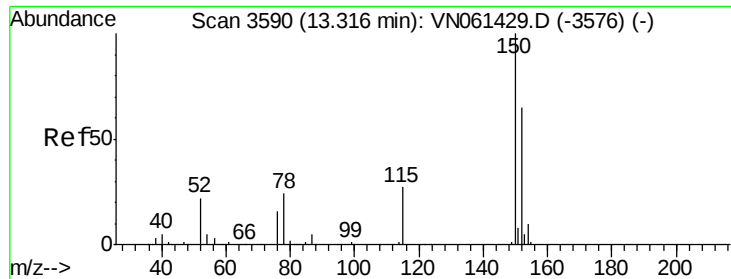


Abundance Ion 116.90 (116.60 to 117.60): VN061462.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061462.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061462.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061462.D

Acq: 19 May 2020 6:09

Instrument :

MSVOA_N

ClientSampleId :

PB128923ZHE#02

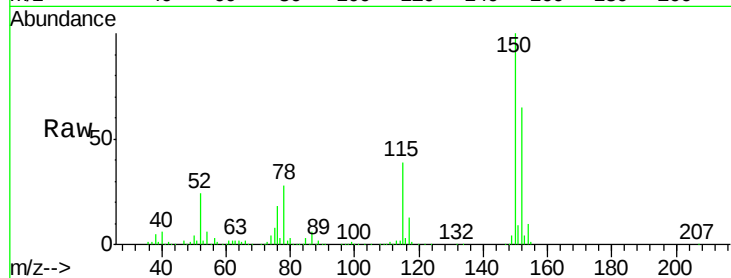
Tot Ion:152 Resp: 225421

Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.5

150 156.7 0.0 349.2



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

