

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061535.D
 Acq On : 21 May 2020 17:01
 Operator : JC/MD
 Sample : PB129027ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#09

Quant Time: May 22 08:16:39 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

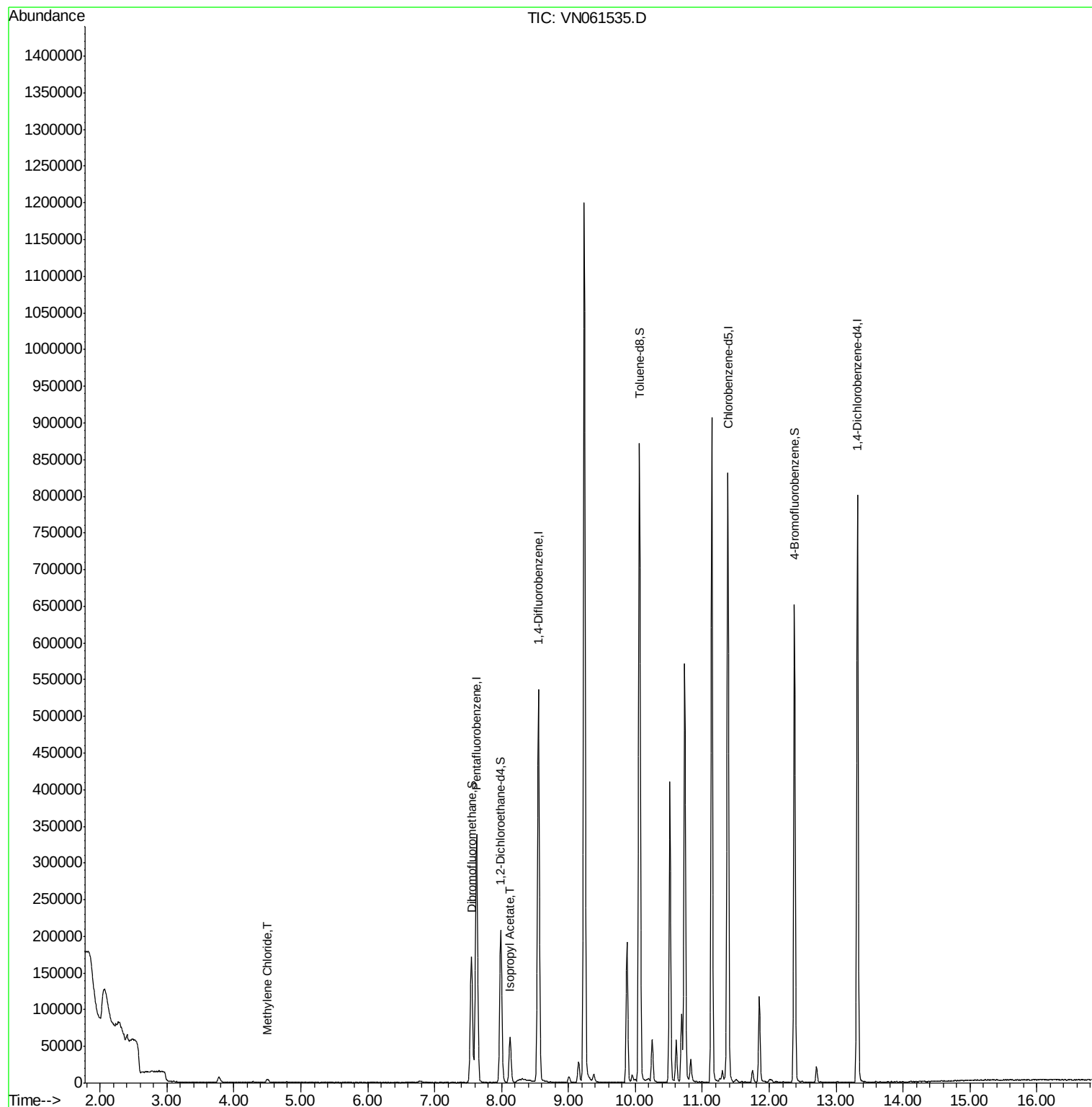
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	270445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	494953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	494575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177455	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
35) Dibromofluoromethane	7.55	113	130971	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.06	98	621861	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.38	95	232641	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
Target Compounds						
20) Methylene Chloride	4.49	84	3792m	1.143	ug/l	Qvalue
43) Isopropyl Acetate	8.13	43	70343	9.609	ug/l #	89

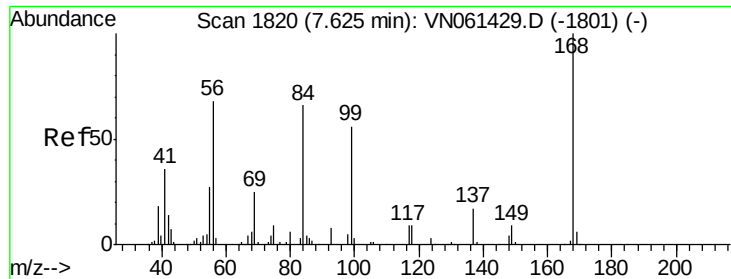
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN061535.D

Acq: 21 May 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

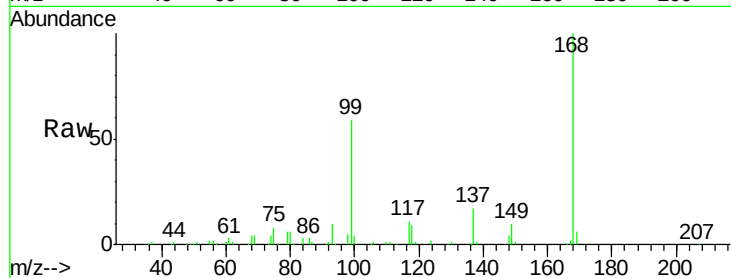
PB129027ZHE#09

Tot Ion:168 Resp: 270445

Ion Ratio Lower Upper

168 100

99 59.4 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

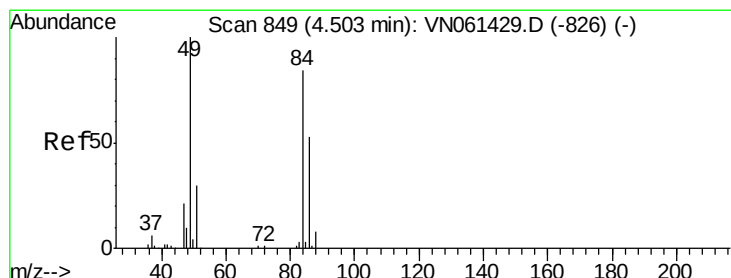
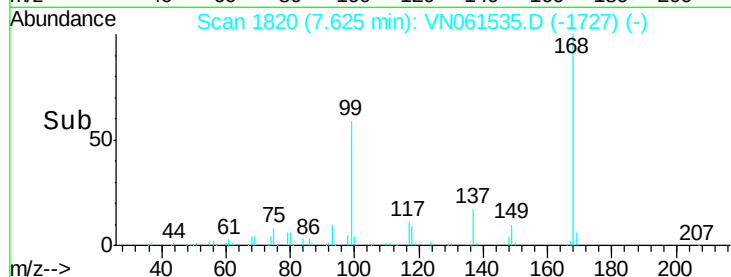
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.143 ug/l m

RT: 4.49 min Scan# 846

Delta R.T. -0.01 min

Lab File: VN061535.D

Acq: 21 May 2020 17:01

Tgt Ion: 84 Resp: 3792

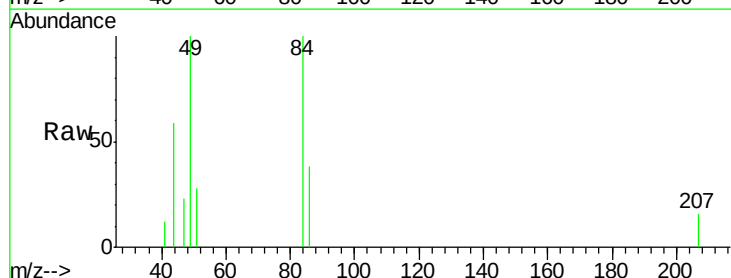
Ion Ratio Lower Upper

84 100

49 99.6 95.3 142.9

51 28.4 29.0 43.6#

86 38.3 50.2 75.2#



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

2000

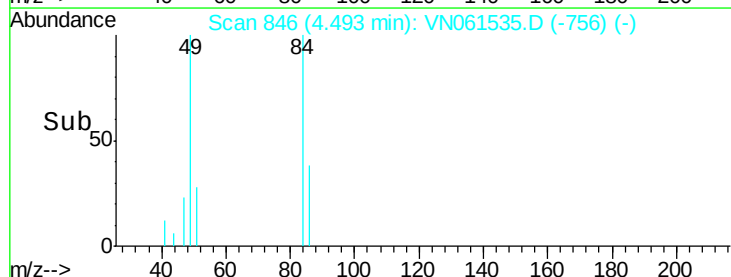
1500

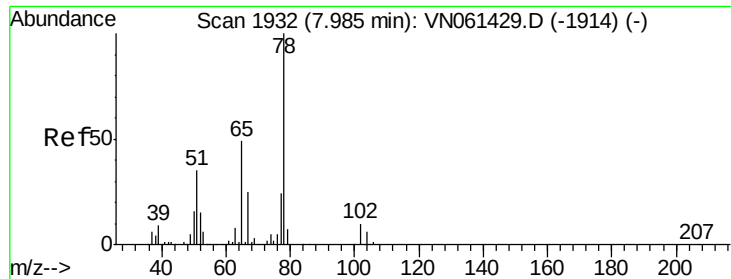
1000

500

0

Time--> 4.40 4.45 4.50 4.55 4.60

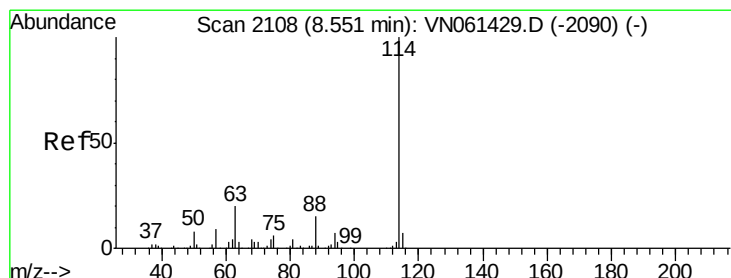
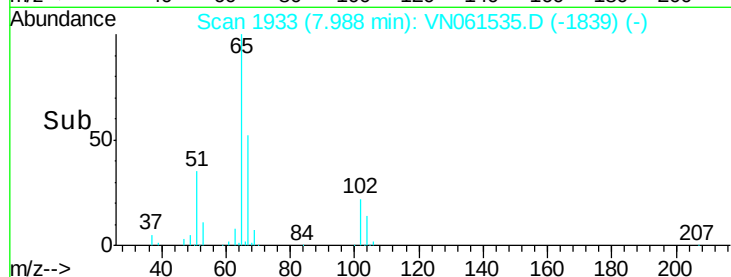
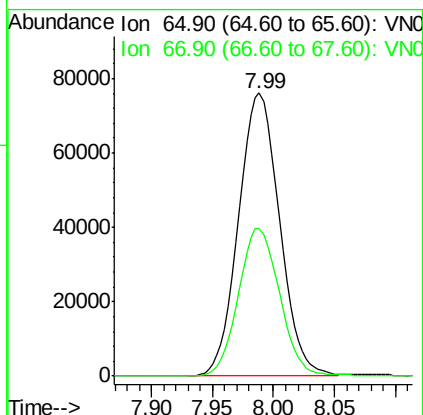
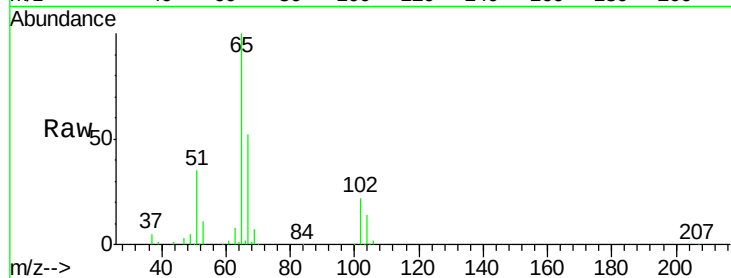




#33
 1,2-Dichloroethane-d4
 Concen: 43.965 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061535.D
 Acq: 21 May 2020 17:01

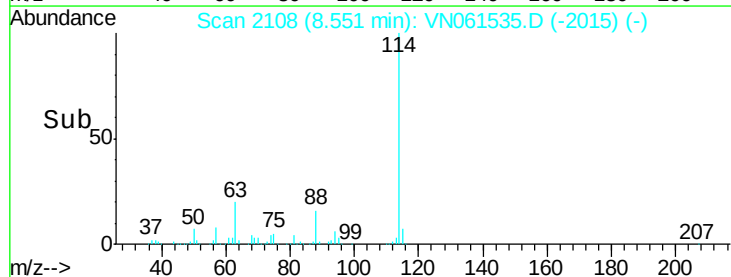
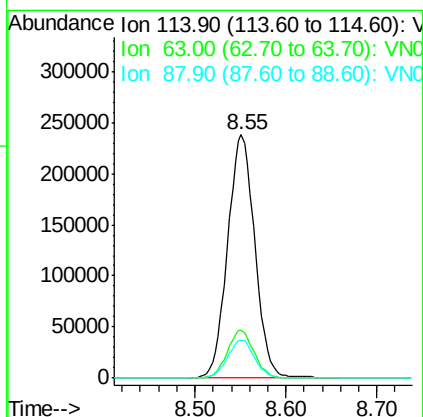
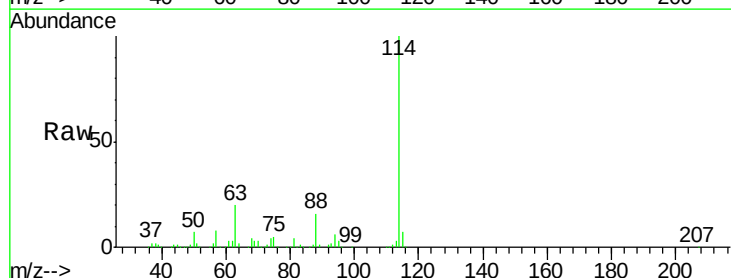
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#09

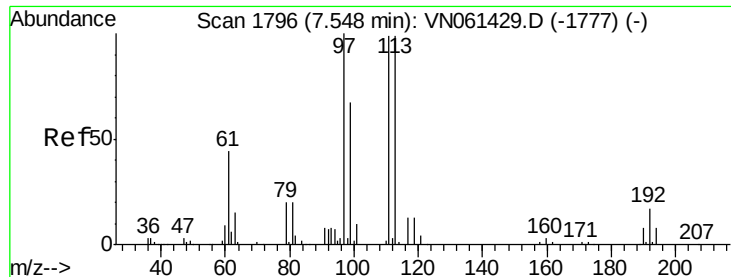
Tot Ion: 65 Resp: 177455
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061535.D
 Acq: 21 May 2020 17:01

Tgt Ion: 114 Resp: 494953
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.6 0.0 30.8

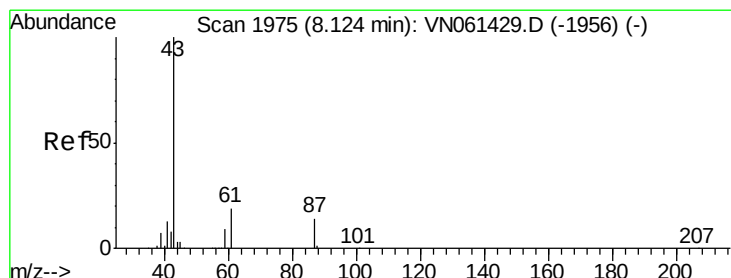
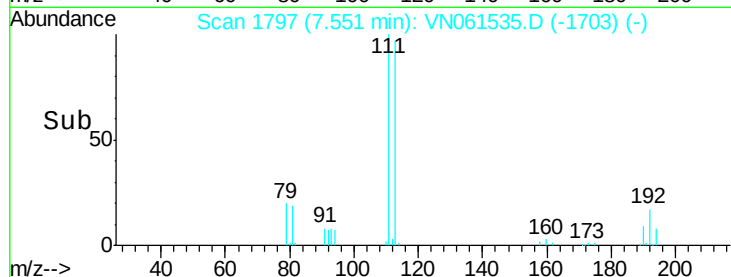
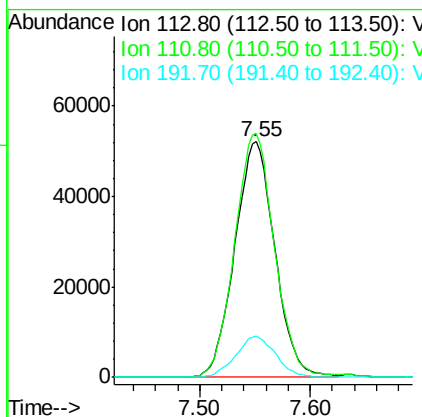
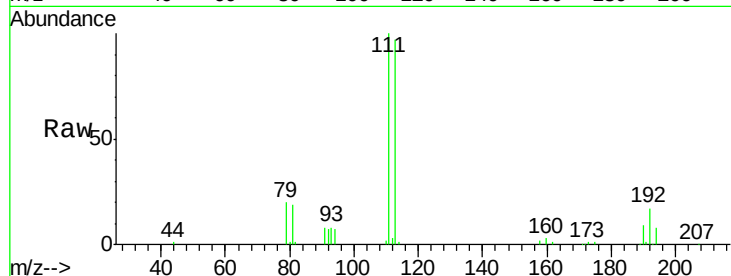




#35
 Dibromofluoromethane
 Concen: 50.511 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061535.D
 Acq: 21 May 2020 17:01

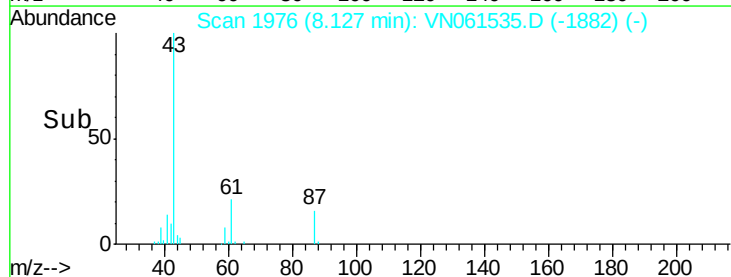
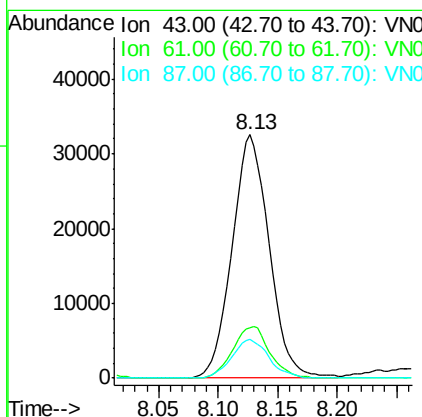
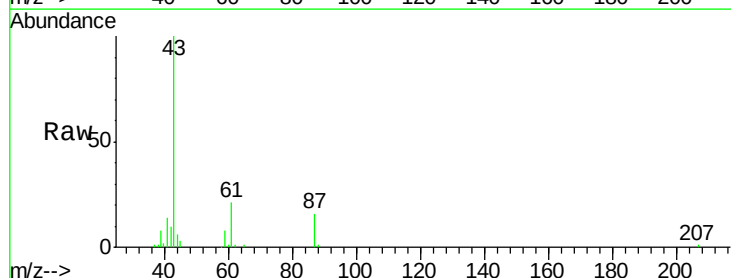
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#09

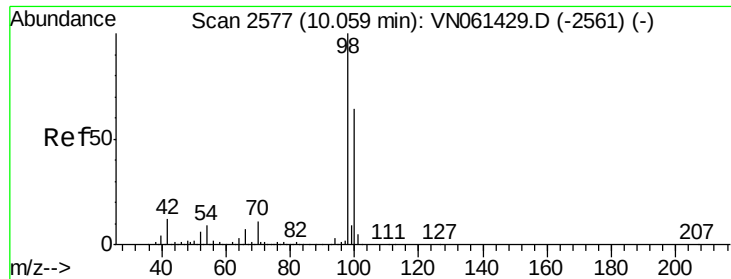
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	17.4	13.2	19.8



#43
 Isopropyl Acetate
 Concen: 9.609 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061535.D
 Acq: 21 May 2020 17:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	23.0	34.4#
87	15.8	11.6	17.4





#50

Toluene-d8

Concen: 51.707 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061535.D

Acq: 21 May 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

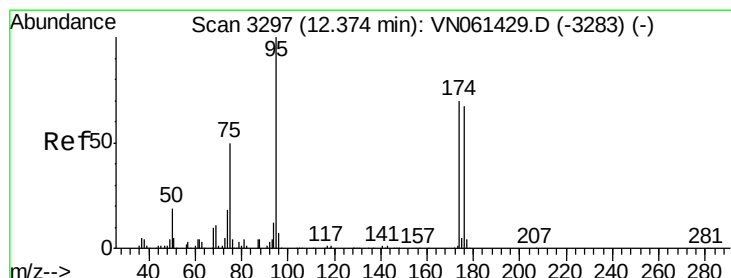
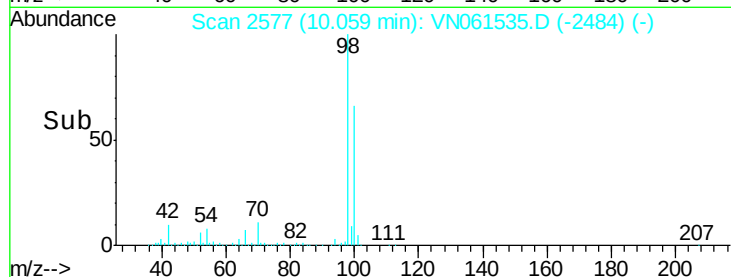
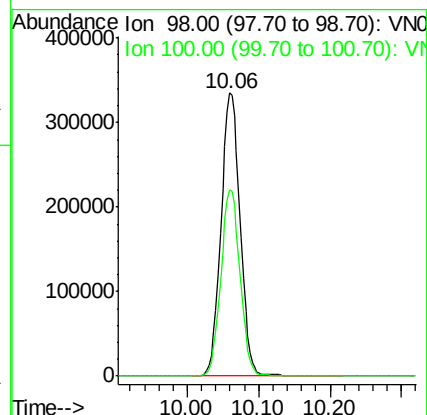
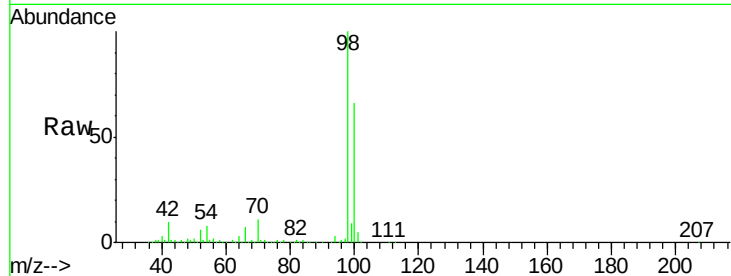
PB129027ZHE#09

Tot Ion: 98 Resp: 621861

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.776 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061535.D

Acq: 21 May 2020 17:01

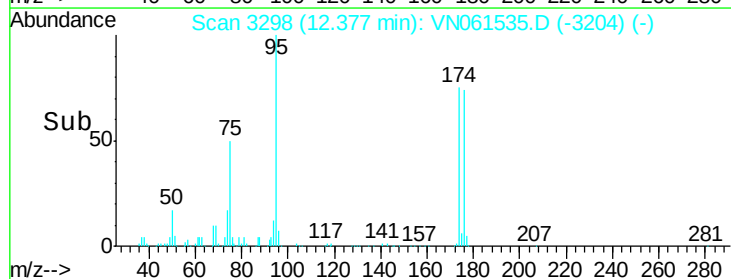
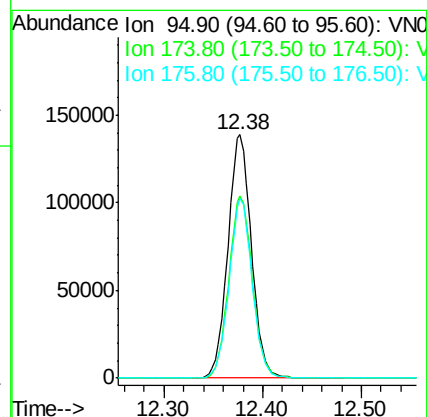
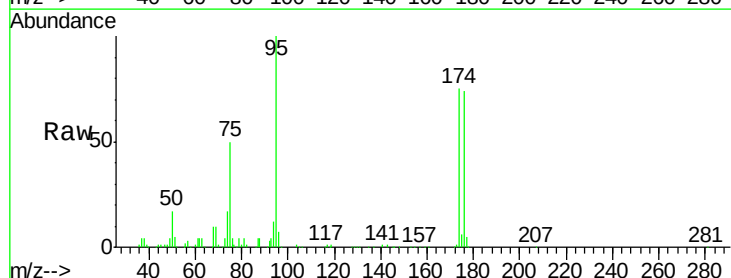
Tgt Ion: 95 Resp: 232641

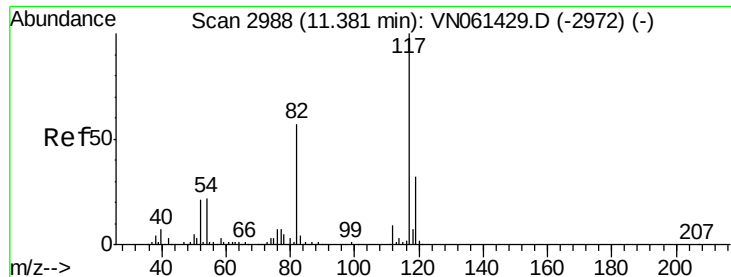
Ion Ratio Lower Upper

95 100

174 75.2 0.0 141.2

176 72.4 0.0 137.6

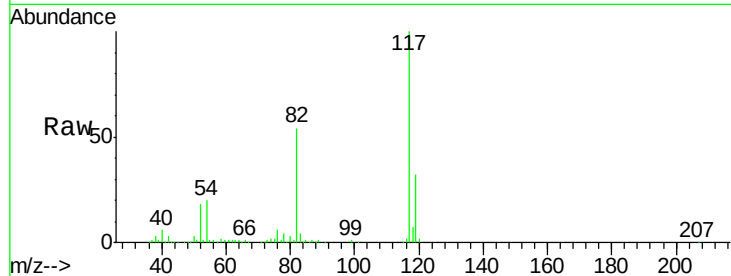




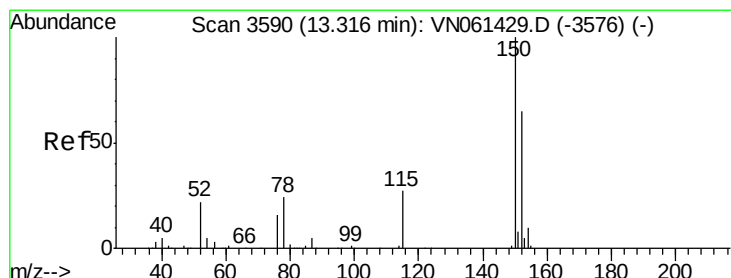
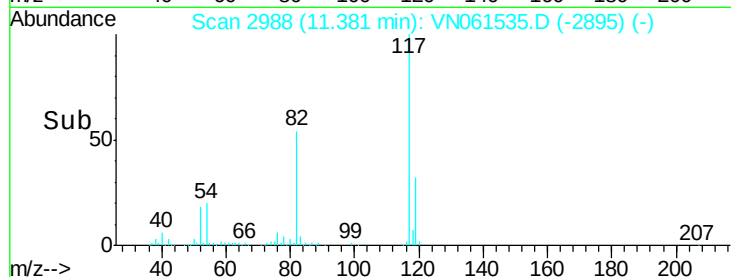
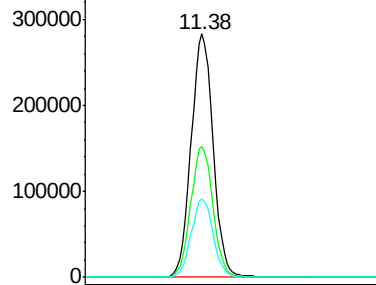
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061535.D
Acq: 21 May 2020 17:01

Instrument :
MSVOA_N
ClientSampleId :
PB129027ZHE#09

Tot Ion:117 Resp: 494575
Ion Ratio Lower Upper
117 100
82 54.0 45.2 67.8
119 32.4 25.3 37.9

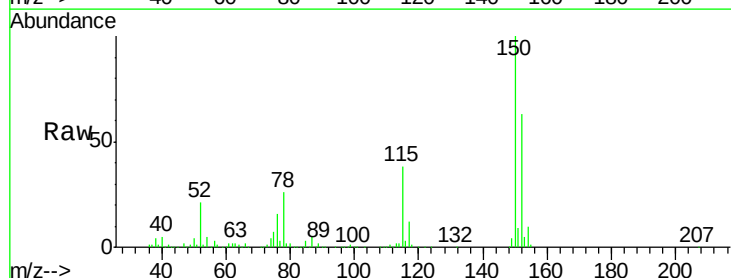


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061535.D
Acq: 21 May 2020 17:01

Tgt Ion:152 Resp: 215186
Ion Ratio Lower Upper
152 100
115 60.4 30.9 92.5
150 156.5 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

