

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061512.D
 Acq On : 20 May 2020 19:47
 Operator : JC/MD
 Sample : PB129002ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129002ZHE#01

Quant Time: May 21 02:41:59 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

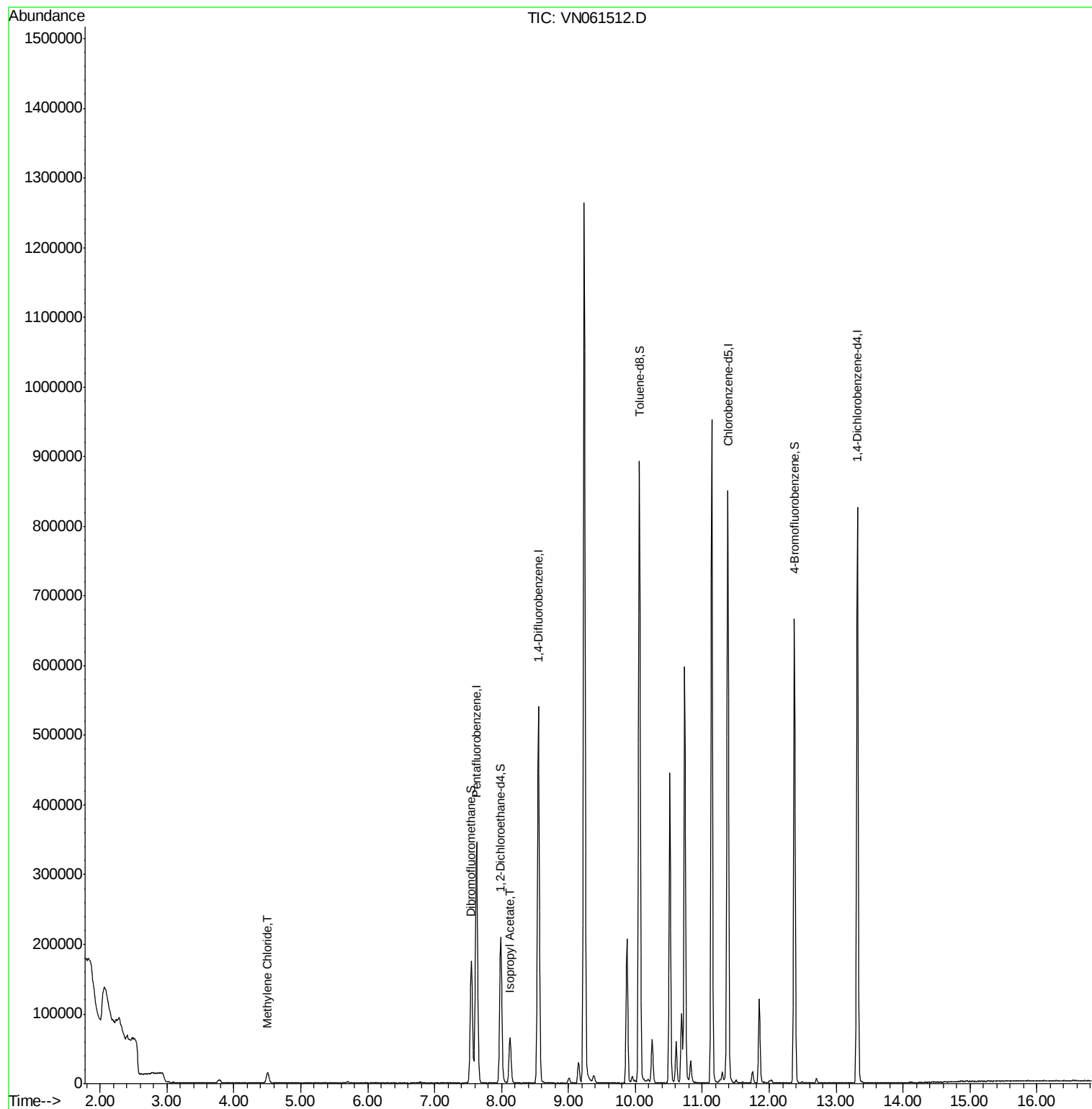
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	270627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	498854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	499826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181516	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
35) Dibromofluoromethane	7.55	113	133773	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
50) Toluene-d8	10.06	98	625695	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.37	95	242052	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
Target Compounds						
20) Methylene Chloride	4.50	84	11529	3.473	ug/l	91
43) Isopropyl Acetate	8.12	43	77262	10.472	ug/l #	88

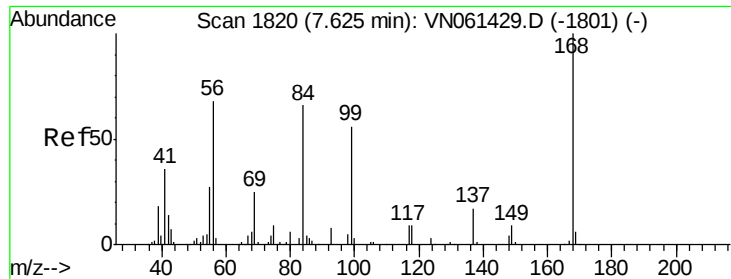
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061512.D

Acq: 20 May 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

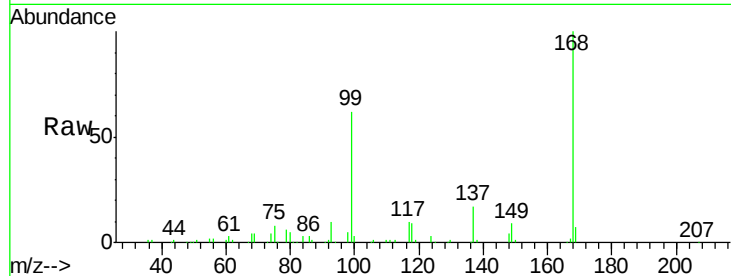
PB129002ZHE#01

Tot Ion:168 Resp: 270627

Ion Ratio Lower Upper

168 100

99 61.6 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

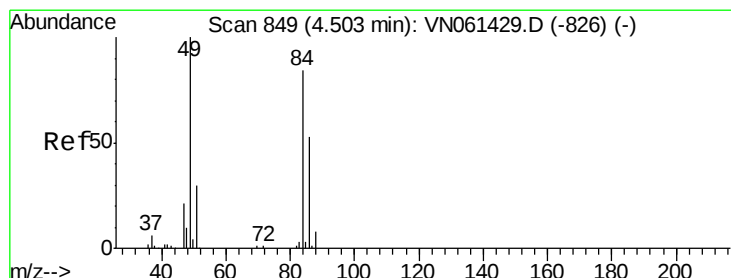
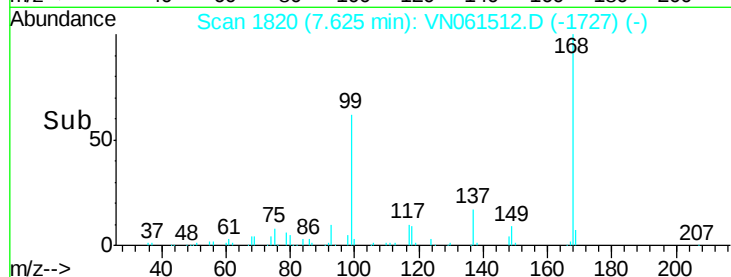
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 3.473 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN061512.D

Acq: 20 May 2020 19:47

Tgt Ion: 84 Resp: 11529

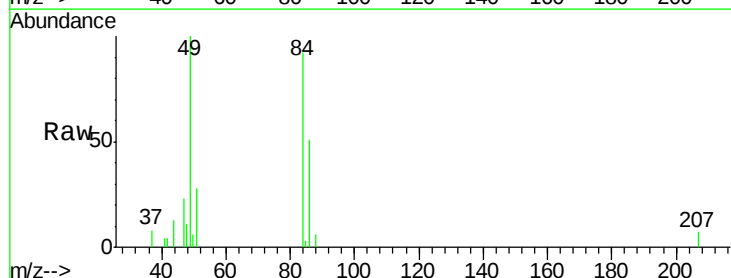
Ion Ratio Lower Upper

84 100

49 108.7 95.3 142.9

51 30.1 29.0 43.6

86 55.8 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

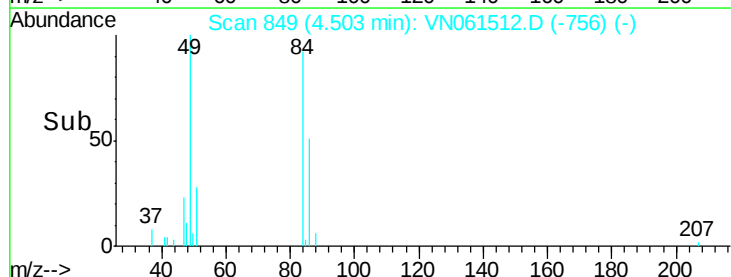
6000

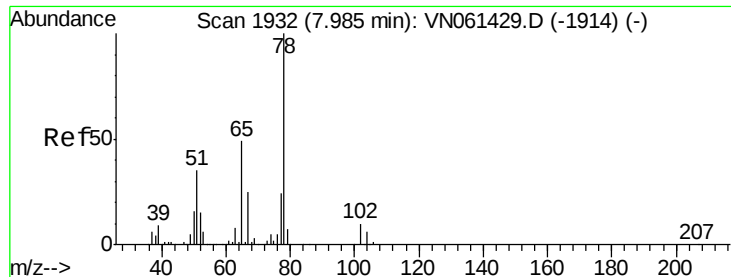
4000

2000

0

Time--> 4.40 4.45 4.50 4.55 4.60





#33

1,2-Dichloroethane-d4

Concen: 44.941 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061512.D

Acq: 20 May 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

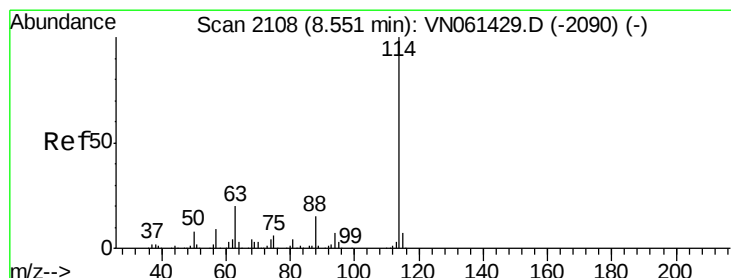
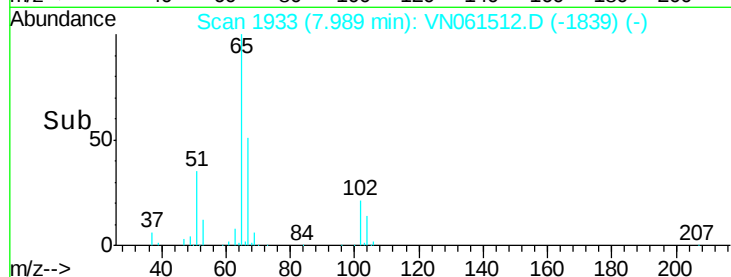
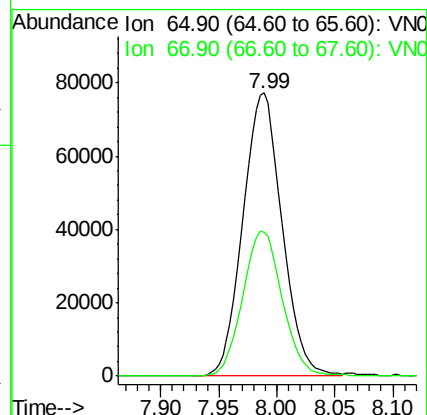
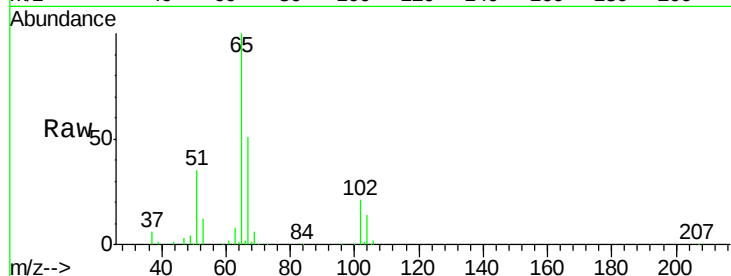
PB129002ZHE#01

Tot Ion: 65 Resp: 181516

Ion Ratio Lower Upper

65 100

67 51.8 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: VN061512.D

Acq: 20 May 2020 19:47

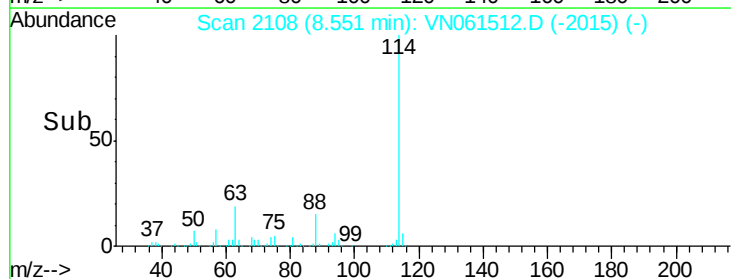
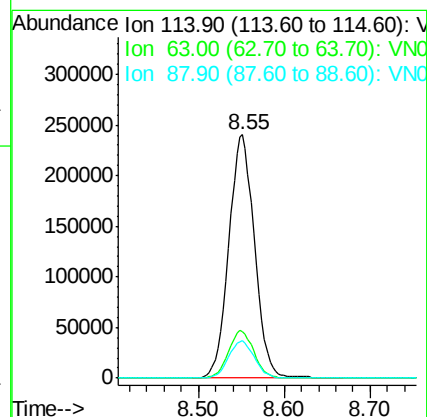
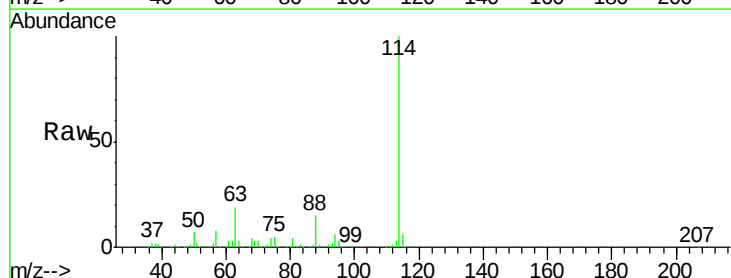
Tgt Ion: 114 Resp: 498854

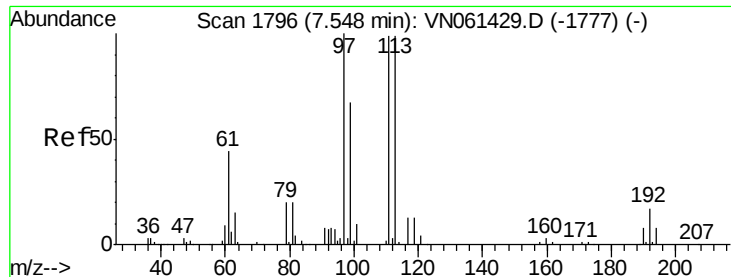
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

88 15.2 0.0 30.8

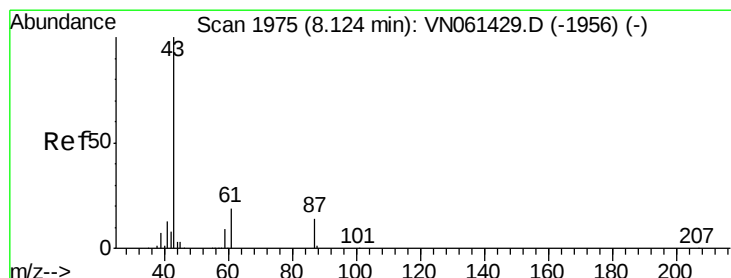
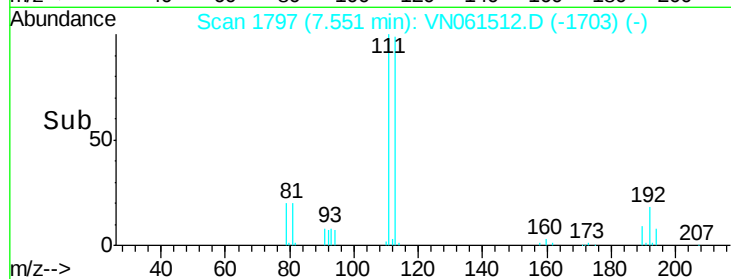
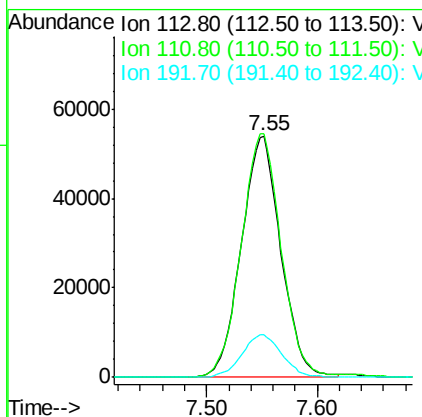
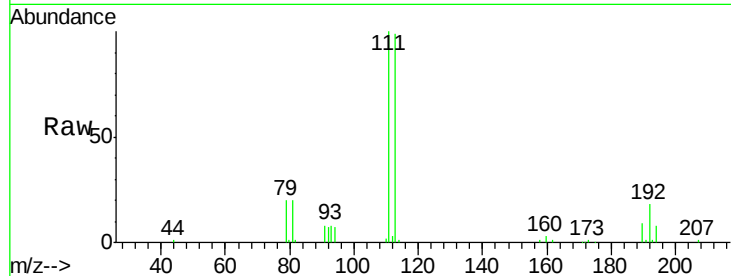




#35
 Dibromofluoromethane
 Concen: 51.188 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061512.D
 Acq: 20 May 2020 19:47

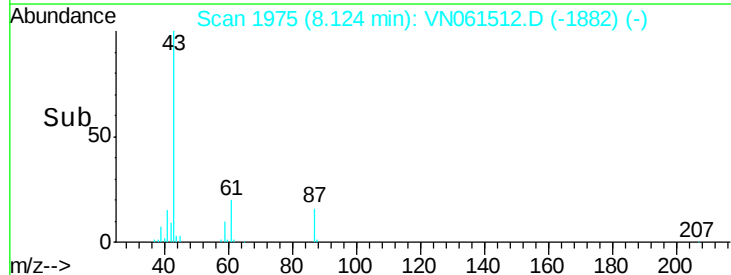
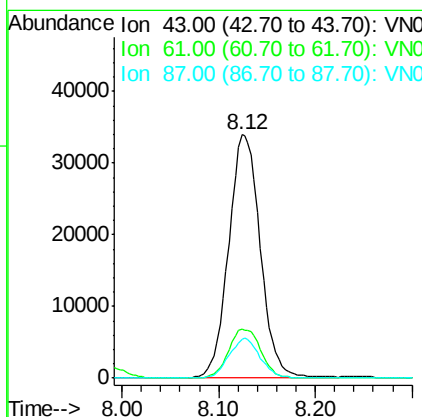
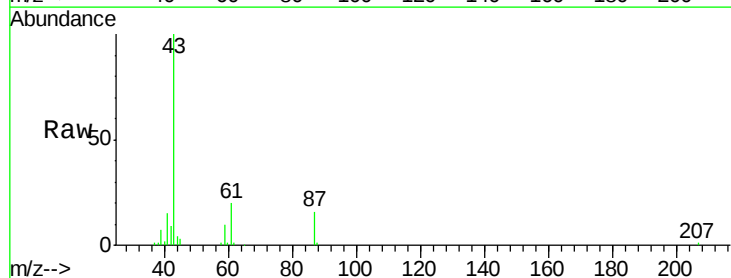
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129002ZHE#01

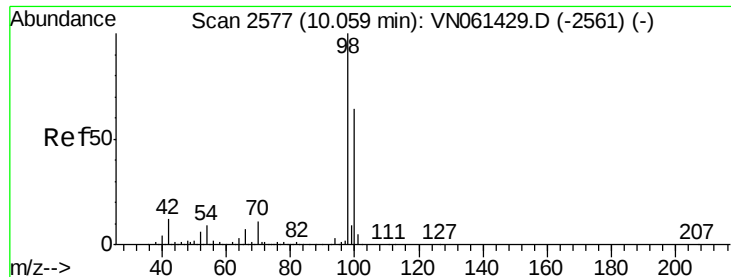
Tot Ion:113 Resp: 133773
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.6 121.0
 192 17.8 13.2 19.8



#43
 Isopropyl Acetate
 Concen: 10.472 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VN061512.D
 Acq: 20 May 2020 19:47

Tgt Ion: 43 Resp: 77262
 Ion Ratio Lower Upper
 43 100
 61 20.3 23.0 34.4#
 87 15.9 11.6 17.4





#50

Toluene-d8

Concen: 51.619 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061512.D

Acq: 20 May 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

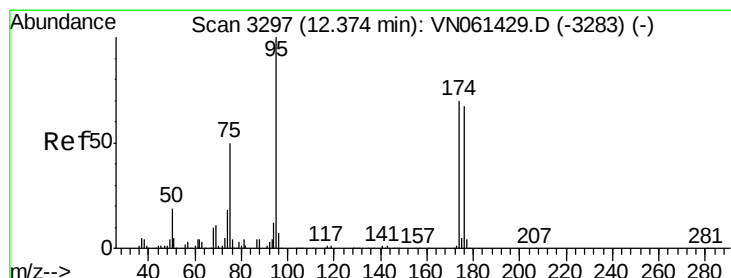
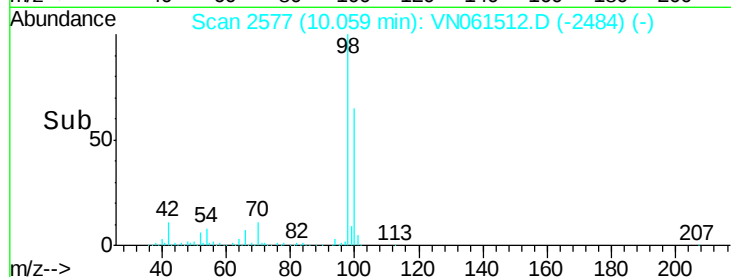
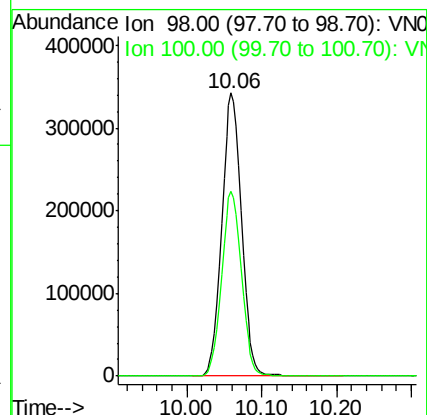
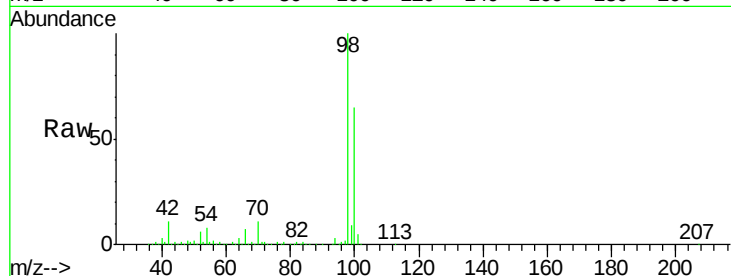
PB129002ZHE#01

Tot Ion: 98 Resp: 625695

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 53.449 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061512.D

Acq: 20 May 2020 19:47

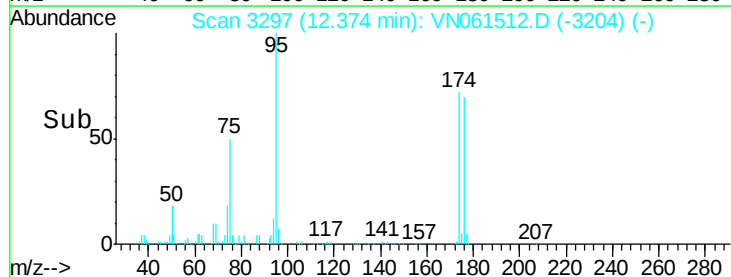
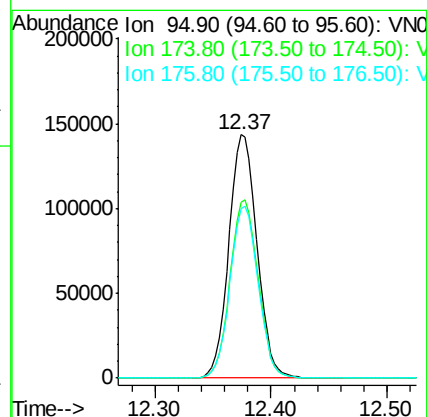
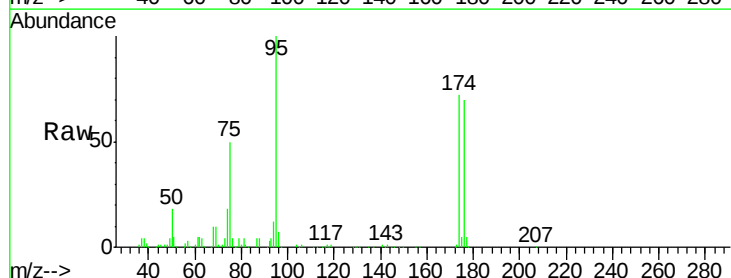
Tgt Ion: 95 Resp: 242052

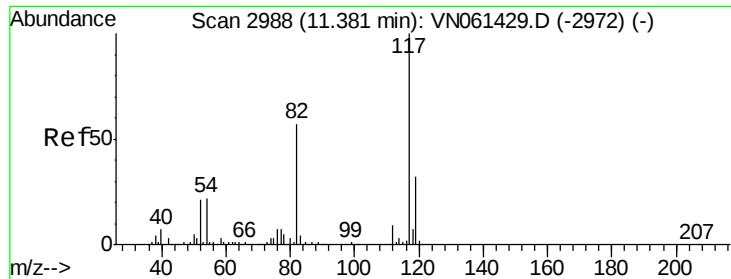
Ion Ratio Lower Upper

95 100

174 73.4 0.0 141.2

176 70.6 0.0 137.6

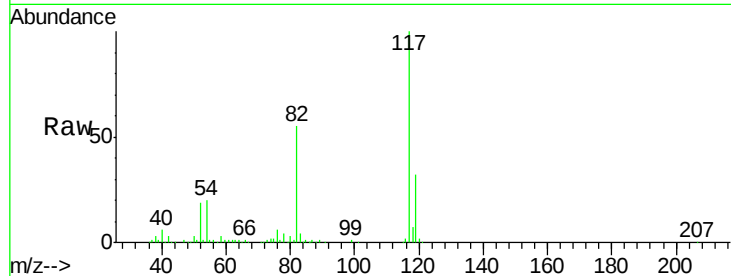




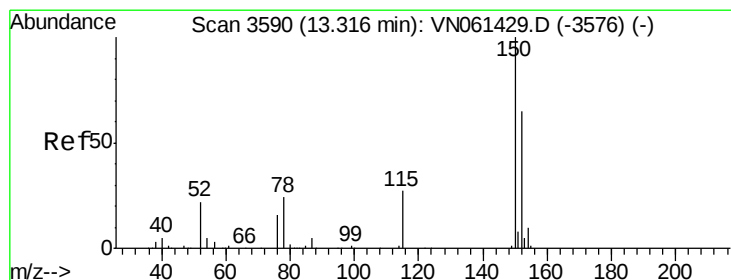
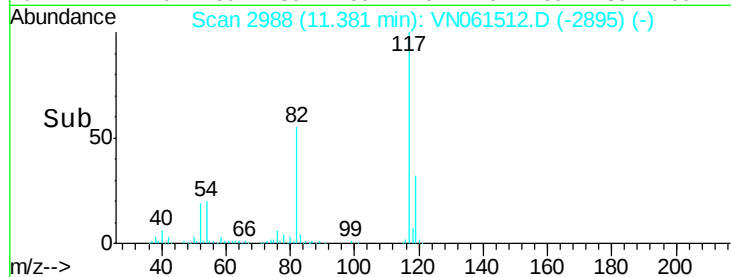
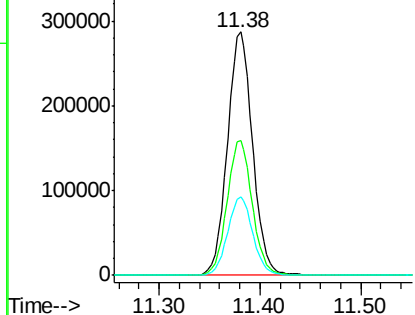
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.2	67.8
119	32.2	25.3	37.9

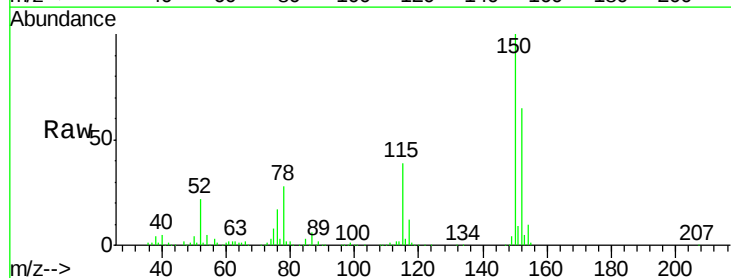


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061512.D
Acq: 20 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.9	92.5
150	155.6	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

