

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061528.D
 Acq On : 21 May 2020 14:17
 Operator : JC/MD
 Sample : PB129027ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#02

Quant Time: May 22 08:01:57 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

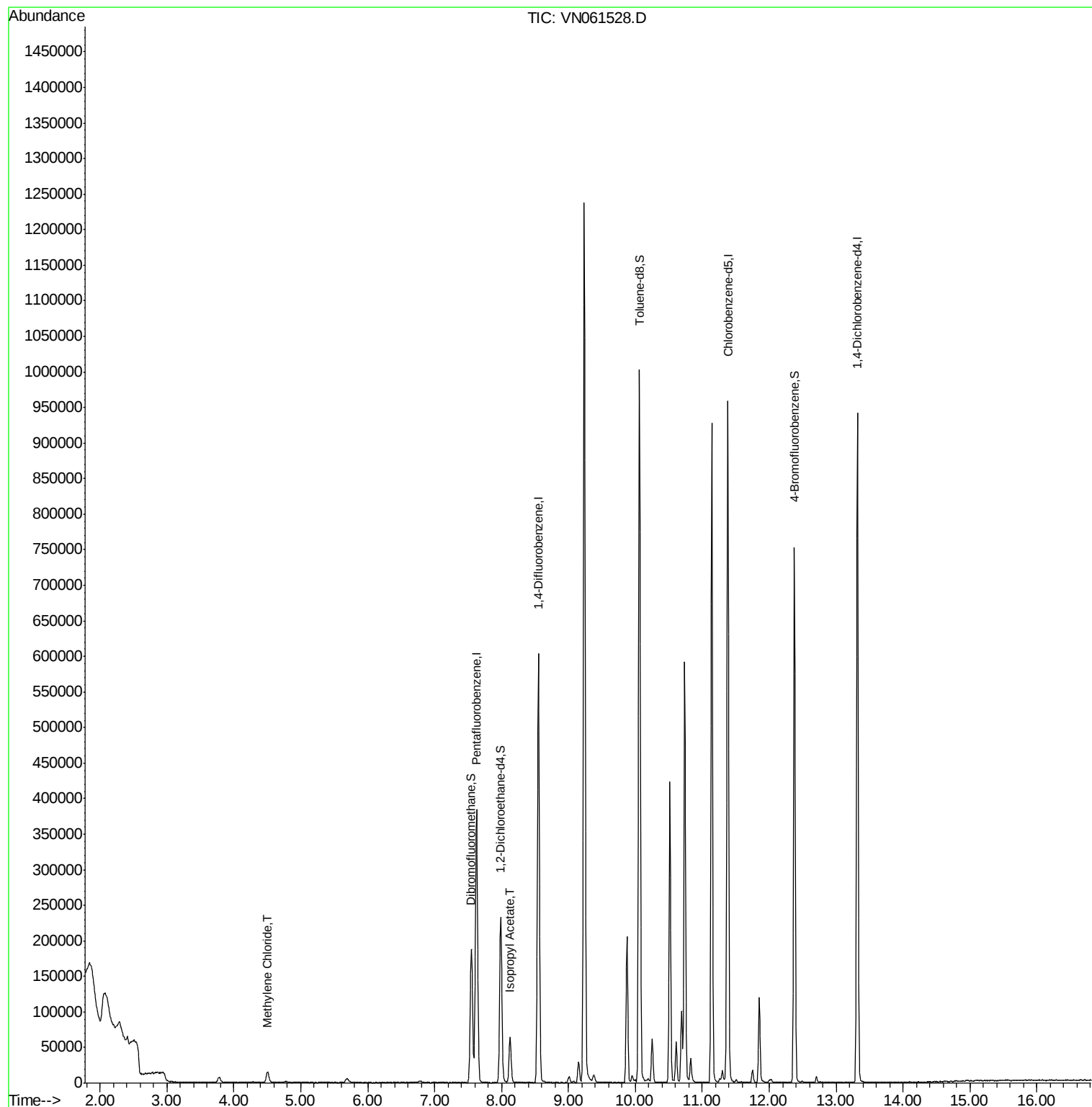
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	307347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	566508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	572577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	253524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	200840	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
35) Dibromofluoromethane	7.55	113	147911	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.06	98	704501	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.37	95	270261	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
Target Compounds						
20) Methylene Chloride	4.51	84	11458	3.039	ug/l	93
43) Isopropyl Acetate	8.13	43	73129	8.728	ug/l #	90

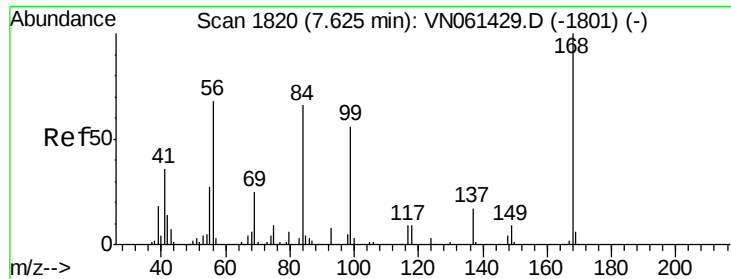
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061528.D

Acq: 21 May 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

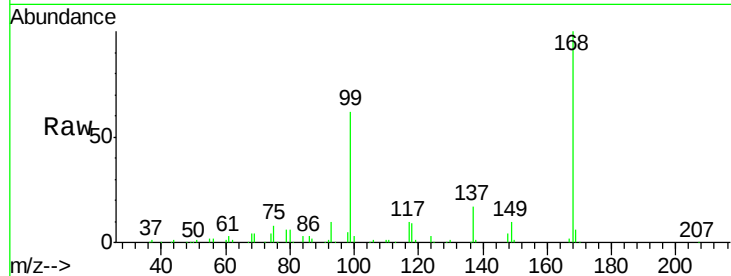
PB129027ZHE#02

Tot Ion:168 Resp: 307347

Ion Ratio Lower Upper

168 100

99 62.1 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

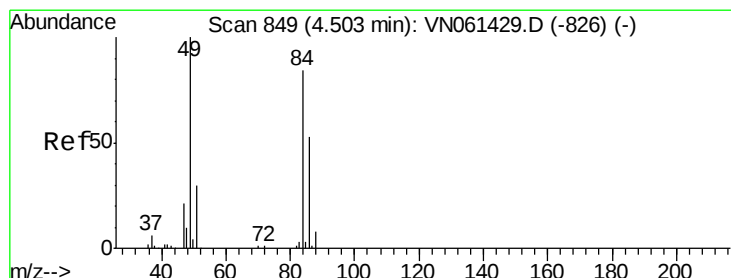
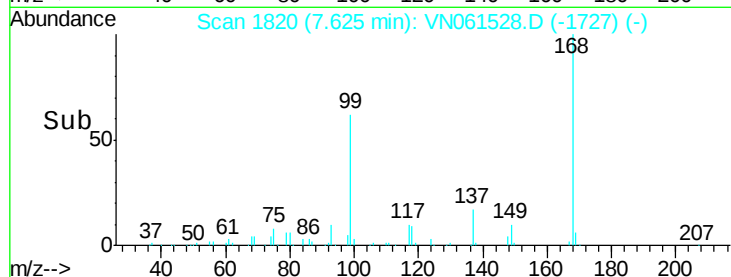
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 3.039 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN061528.D

Acq: 21 May 2020 14:17

Tgt Ion: 84 Resp: 11458

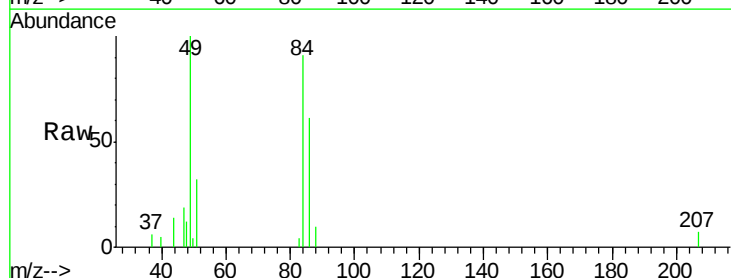
Ion Ratio Lower Upper

84 100

49 109.7 95.3 142.9

51 34.9 29.0 43.6

86 66.8 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

5000

4000

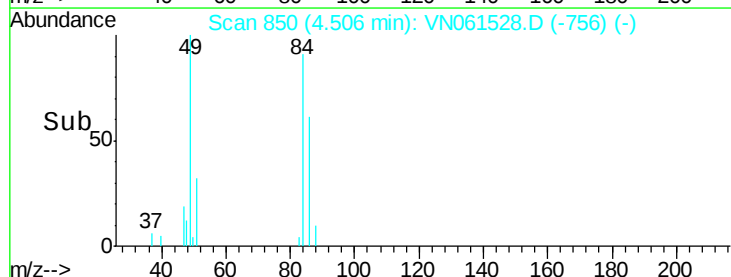
3000

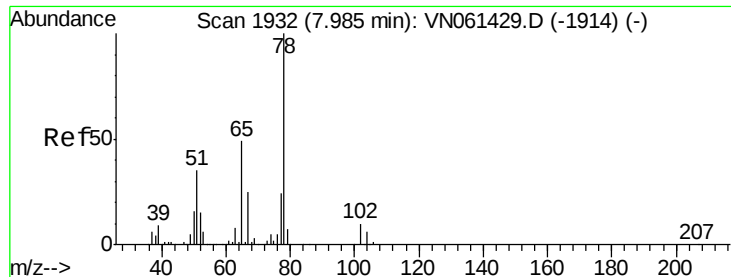
2000

1000

0

Time--> 4.40 4.45 4.50 4.55 4.60





#33

1,2-Dichloroethane-d4

Concen: 43.784 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061528.D

Acq: 21 May 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

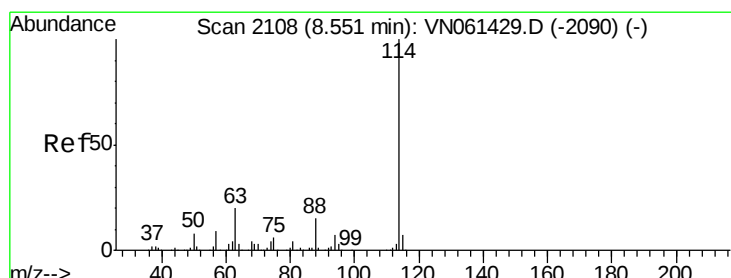
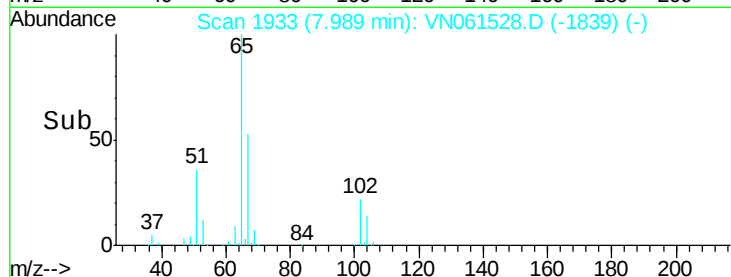
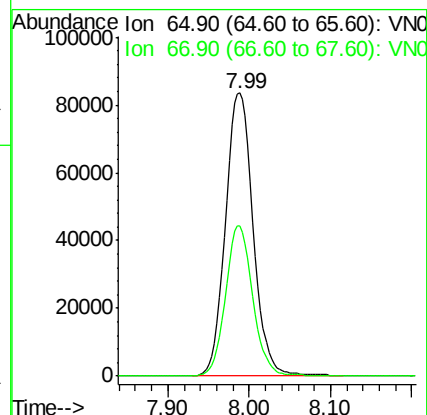
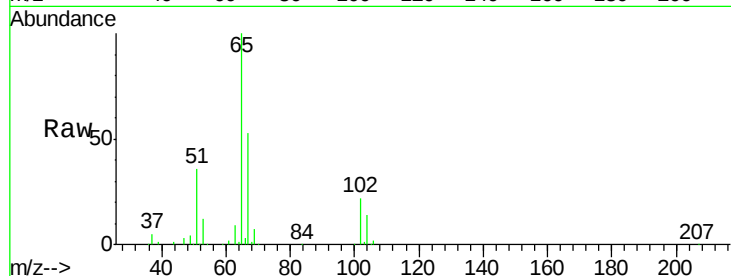
PB129027ZHE#02

Tot Ion: 65 Resp: 200840

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: VN061528.D

Acq: 21 May 2020 14:17

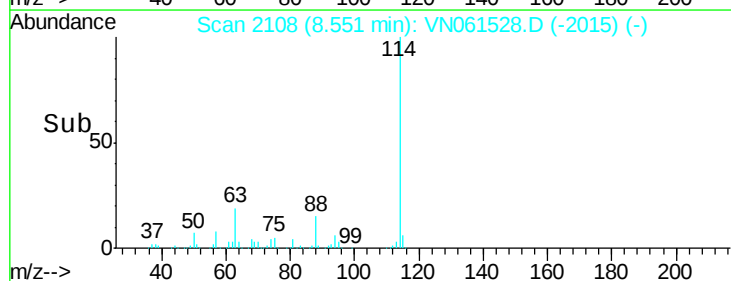
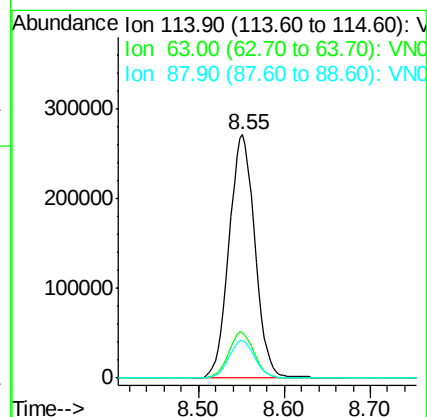
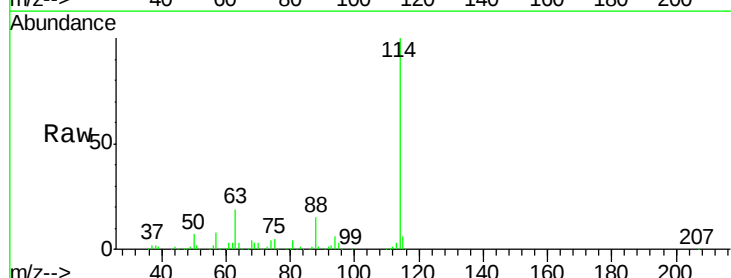
Tgt Ion: 114 Resp: 566508

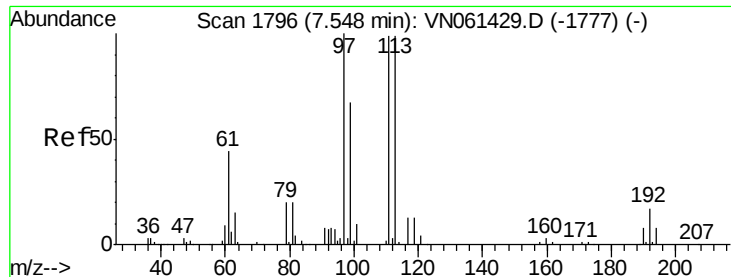
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.8

88 15.4 0.0 30.8

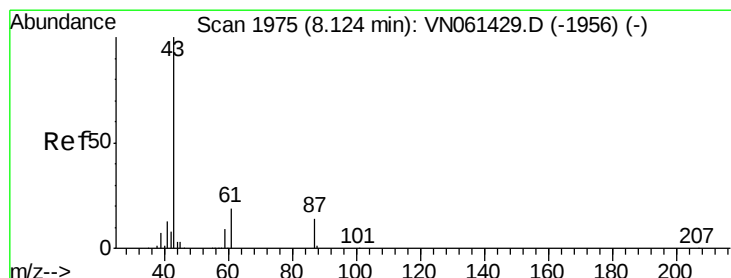
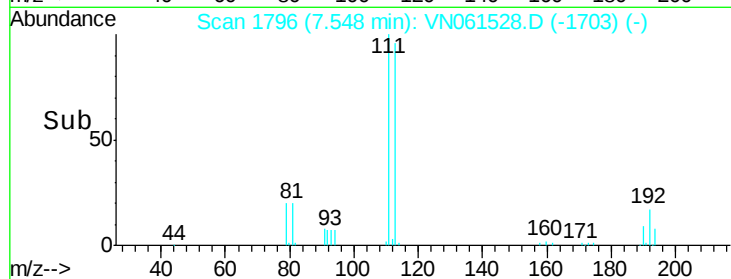
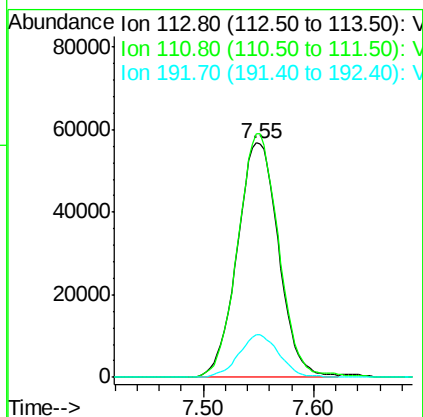
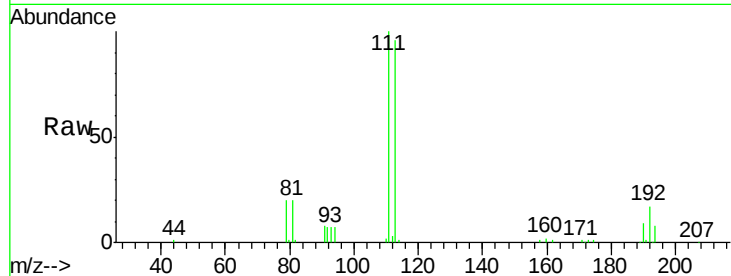




#35
 Dibromofluoromethane
 Concen: 49.839 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061528.D
 Acq: 21 May 2020 14:17

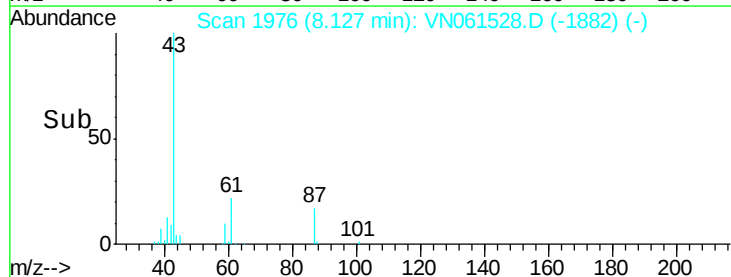
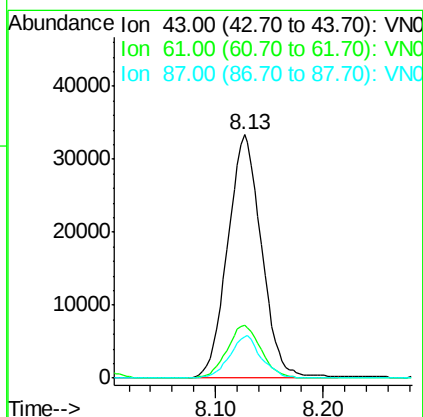
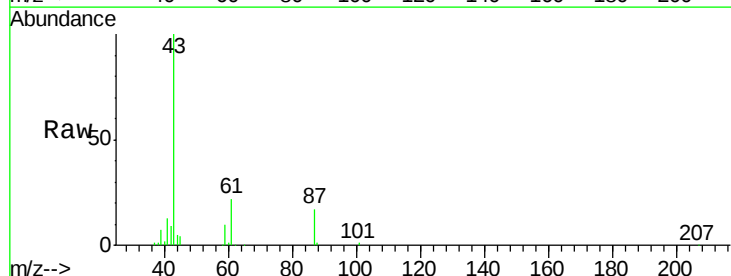
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#02

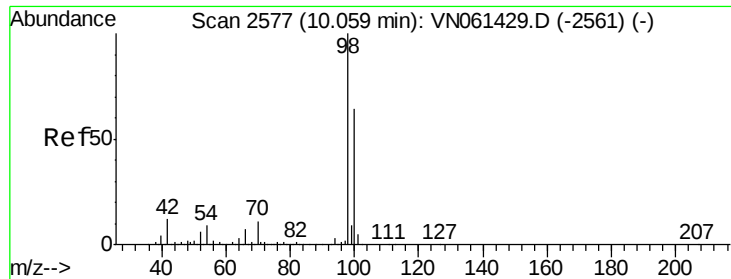
Tot Ion:113 Resp: 147911
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.6 121.0
 192 17.6 13.2 19.8



#43
 Isopropyl Acetate
 Concen: 8.728 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061528.D
 Acq: 21 May 2020 14:17

Tgt Ion: 43 Resp: 73129
 Ion Ratio Lower Upper
 43 100
 61 21.5 23.0 34.4#
 87 16.1 11.6 17.4





#50

Toluene-d8

Concen: 51.180 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061528.D

Acq: 21 May 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

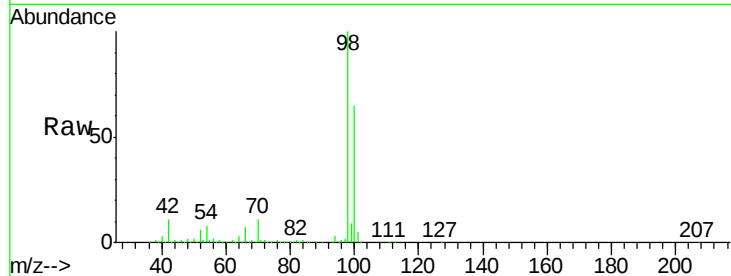
PB129027ZHE#02

Tot Ion: 98 Resp: 704501

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061429.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061429.D (-2561) (-)

10.06

400000

300000

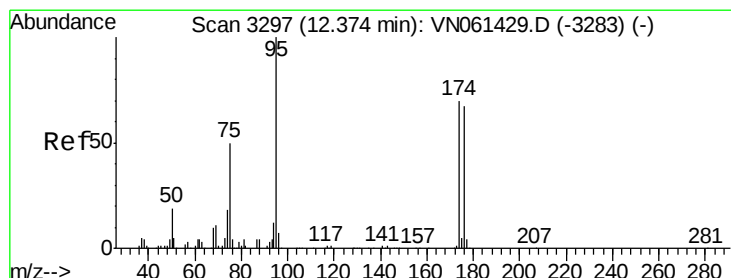
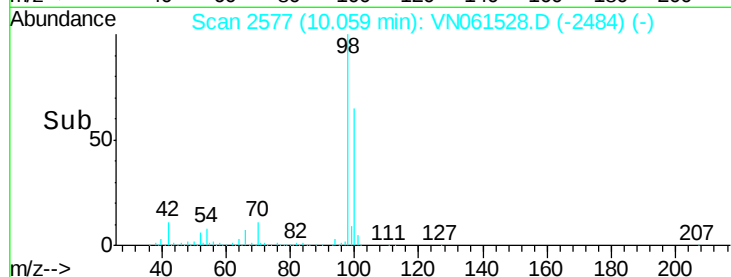
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 52.551 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061528.D

Acq: 21 May 2020 14:17

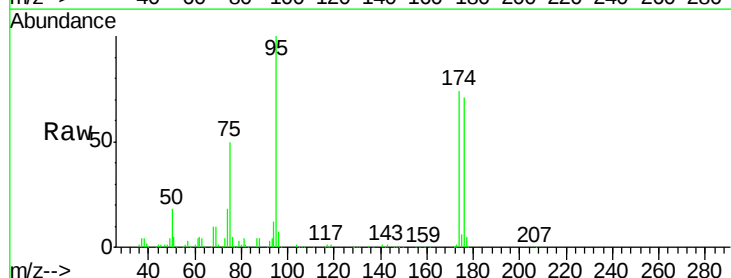
Tgt Ion: 95 Resp: 270261

Ion Ratio Lower Upper

95 100

174 76.2 0.0 141.2

176 72.5 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)

12.37

200000

150000

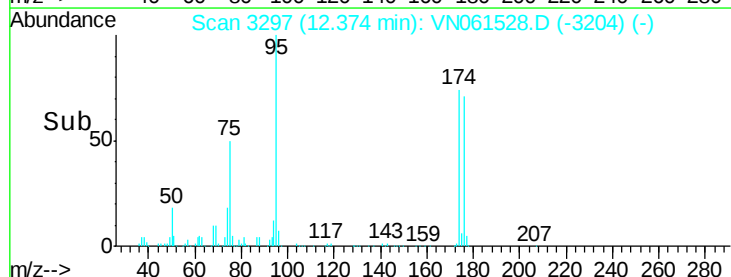
100000

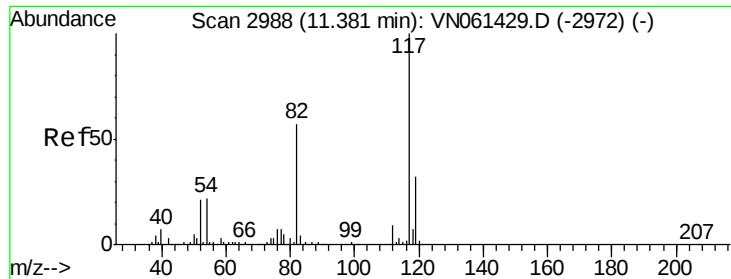
50000

0

12.30 12.35 12.40 12.45

Time-->

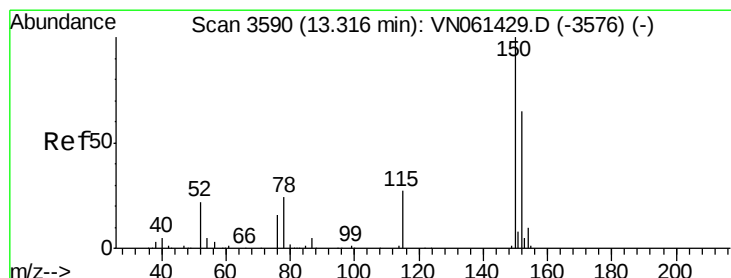
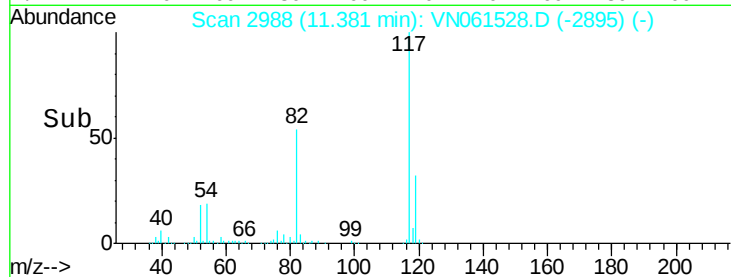
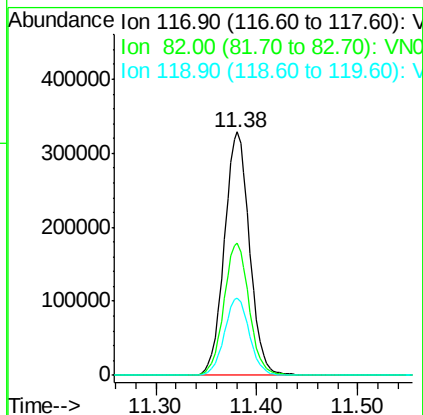
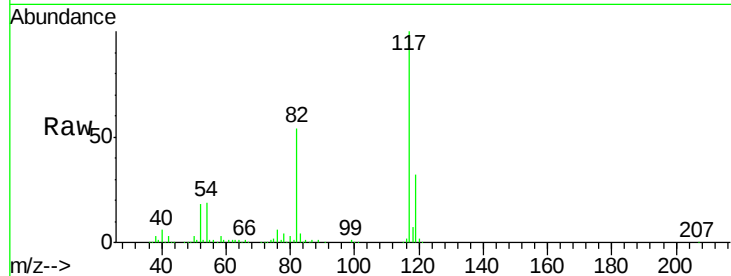




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061528.D
Acq: 21 May 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
PB129027ZHE#02

Tot Ion:117 Resp: 572577
Ion Ratio Lower Upper
117 100
82 54.1 45.2 67.8
119 31.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061528.D
Acq: 21 May 2020 14:17

Tgt Ion:152 Resp: 253524
Ion Ratio Lower Upper
152 100
115 59.9 30.9 92.5
150 156.2 0.0 349.2

