

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061513.D
 Acq On : 20 May 2020 20:10
 Operator : JC/MD
 Sample : PB129002ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129002ZHE#02

Quant Time: May 21 02:46:53 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

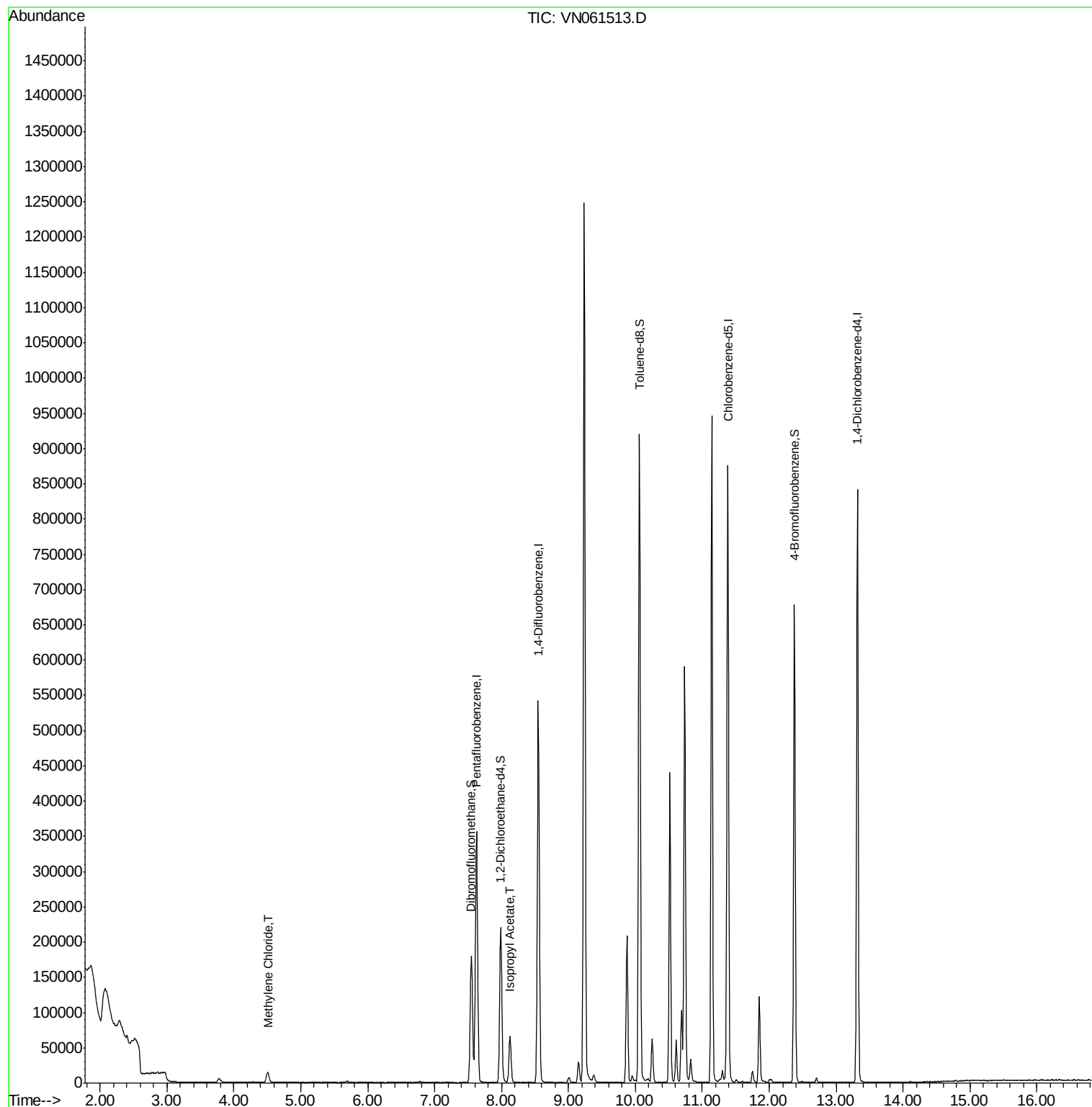
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	279903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	512304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	516215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	224185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189365	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
35) Dibromofluoromethane	7.55	113	137844	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
50) Toluene-d8	10.06	98	640397	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.38	95	250297	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
Target Compounds						
20) Methylene Chloride	4.51	84	11791	3.434	ug/l	92
43) Isopropyl Acetate	8.13	43	76059	10.038	ug/l #	90

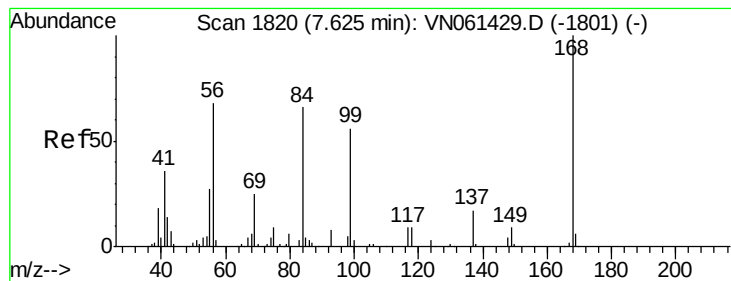
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061513.D

Acq: 20 May 2020 20:10

Instrument :

MSVOA_N

ClientSampleId :

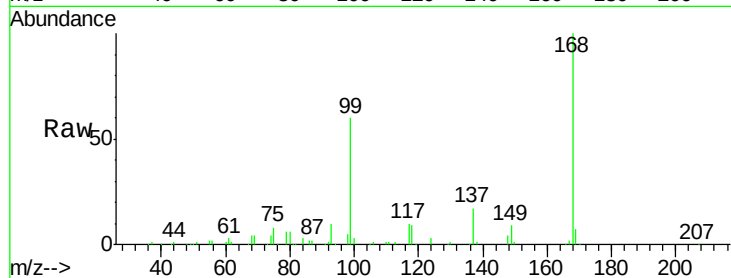
PB129002ZHE#02

Tot Ion:168 Resp: 279903

Ion Ratio Lower Upper

168 100

99 60.4 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

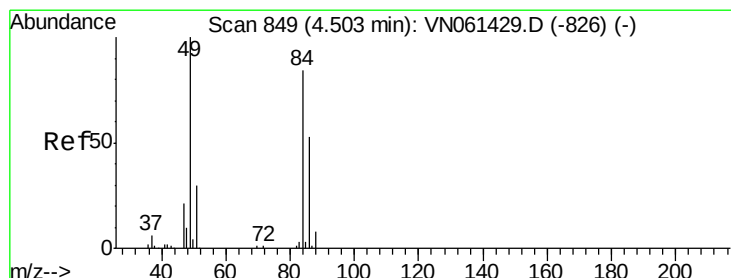
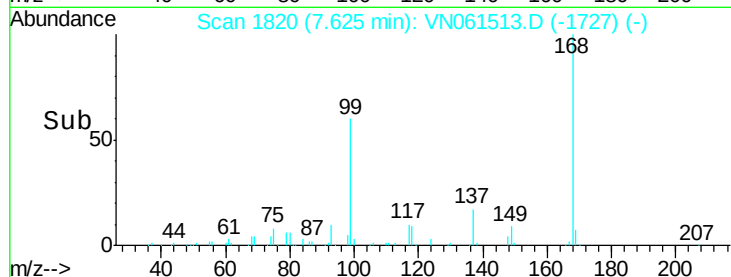
7.63

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#20

Methylene Chloride

Concen: 3.434 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN061513.D

Acq: 20 May 2020 20:10

Tgt Ion: 84 Resp: 11791

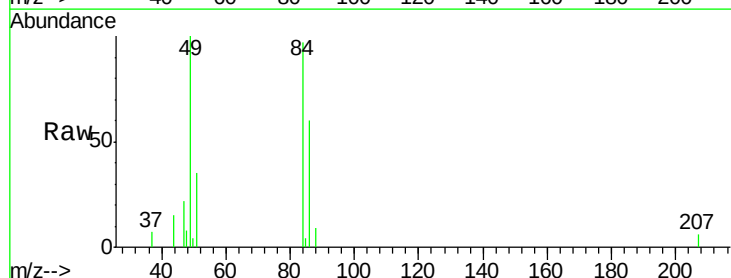
Ion Ratio Lower Upper

84 100

49 103.3 95.3 142.9

51 35.7 29.0 43.6

86 62.1 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

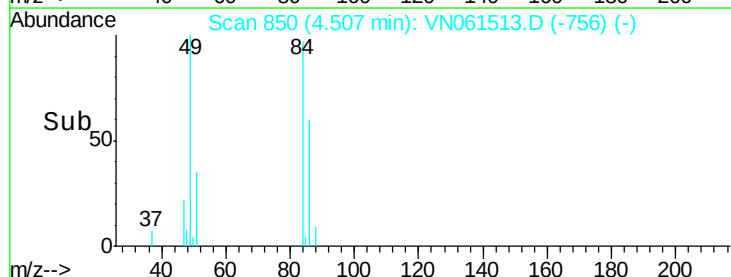
3000

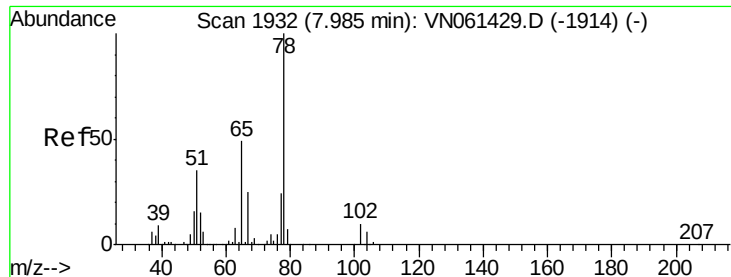
2000

1000

0

Time--> 4.40 4.45 4.50 4.55 4.60

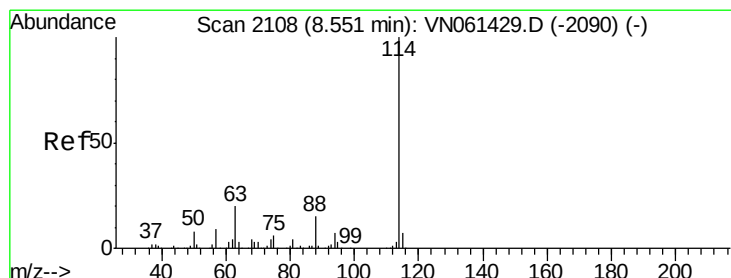
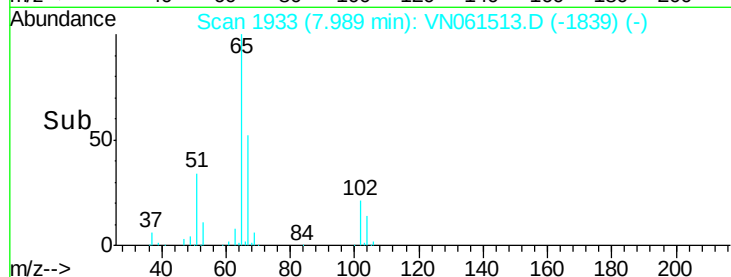
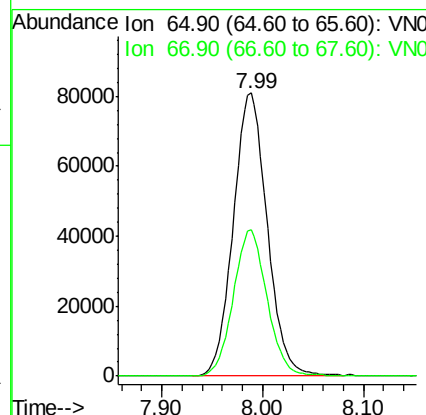
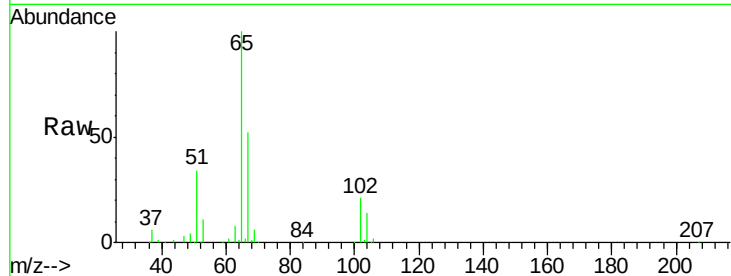




#33
 1,2-Dichloroethane-d4
 Concen: 45.331 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061513.D
 Acq: 20 May 2020 20:10

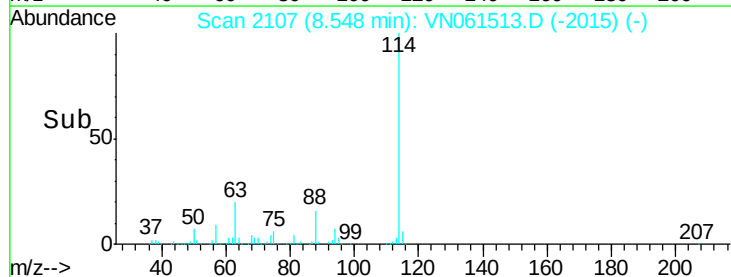
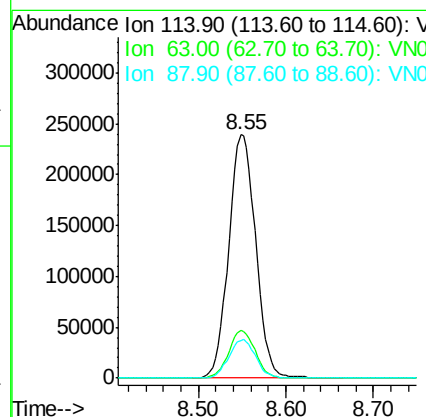
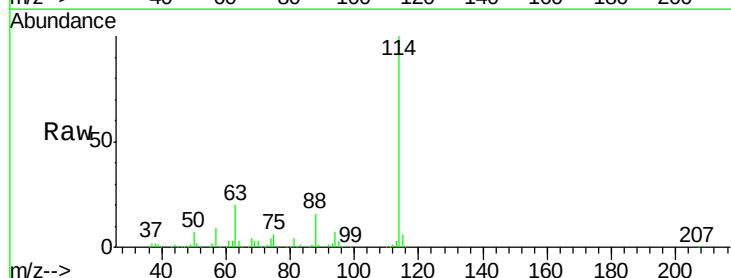
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129002ZHE#02

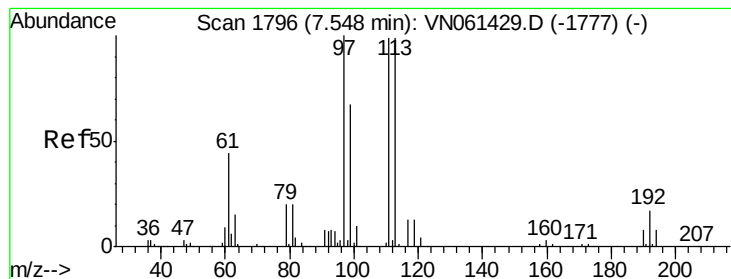
Tot Ion: 65 Resp: 189365
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061513.D
 Acq: 20 May 2020 20:10

Tgt Ion: 114 Resp: 512304
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.361 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061513.D

Acq: 20 May 2020 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB129002ZHE#02

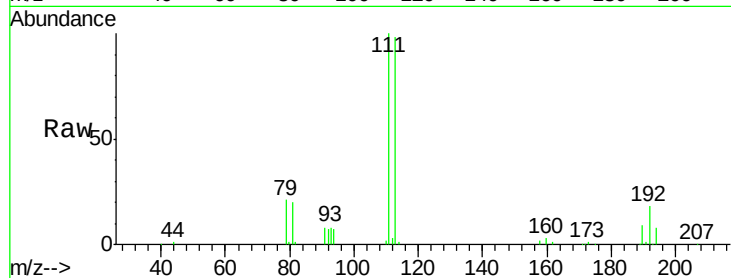
Tot Ion:113 Resp: 137844

Ion Ratio Lower Upper

113 100

111 103.3 80.6 121.0

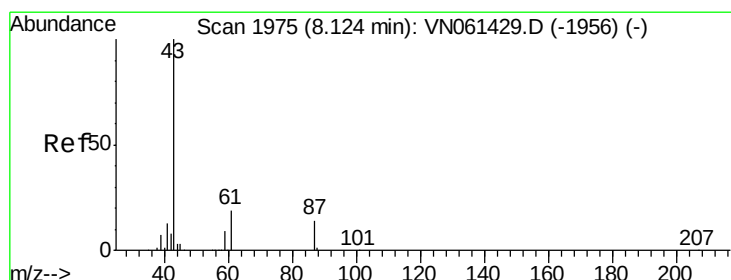
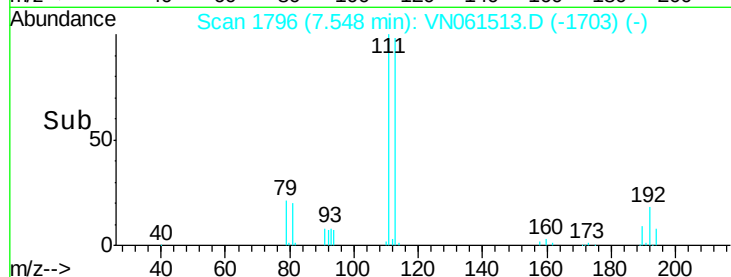
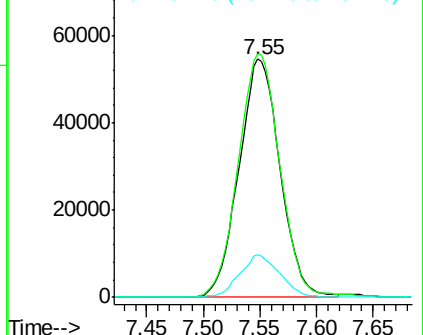
192 17.4 13.2 19.8



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: 10.038 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061513.D

Acq: 20 May 2020 20:10

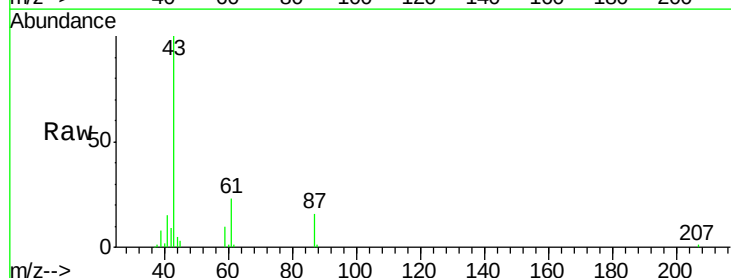
Tgt Ion: 43 Resp: 76059

Ion Ratio Lower Upper

43 100

61 21.7 23.0 34.4#

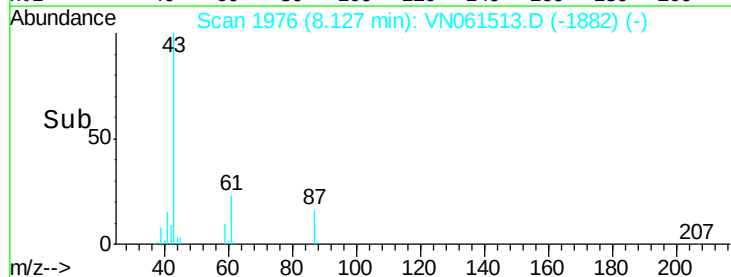
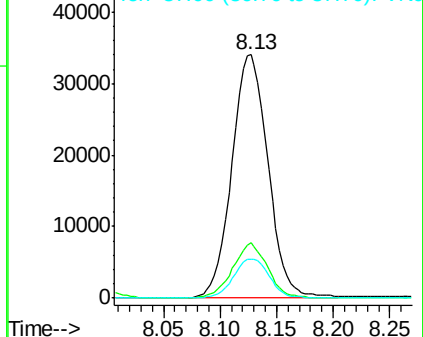
87 15.8 11.6 17.4

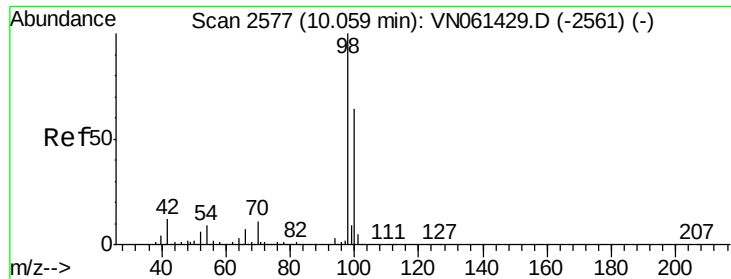


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.445 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061513.D

Acq: 20 May 2020 20:10

Instrument :

MSVOA_N

ClientSampleId :

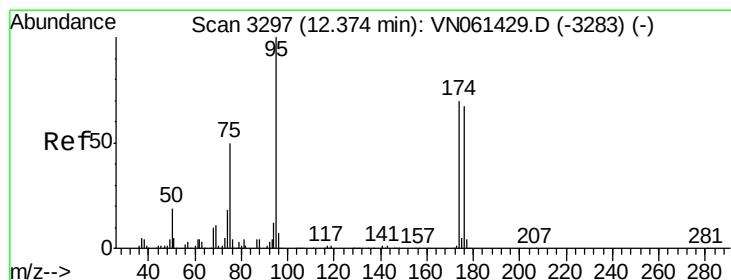
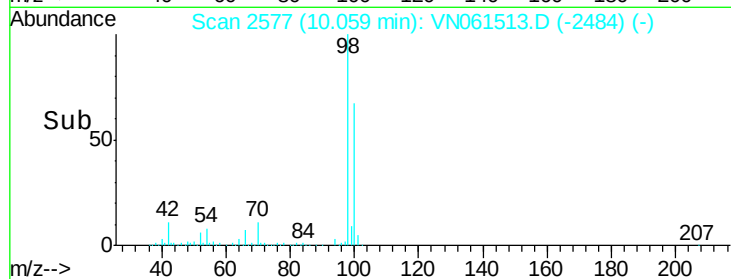
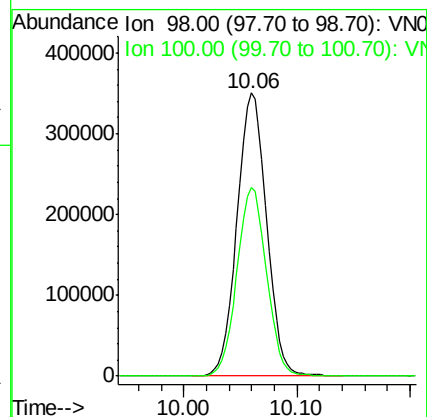
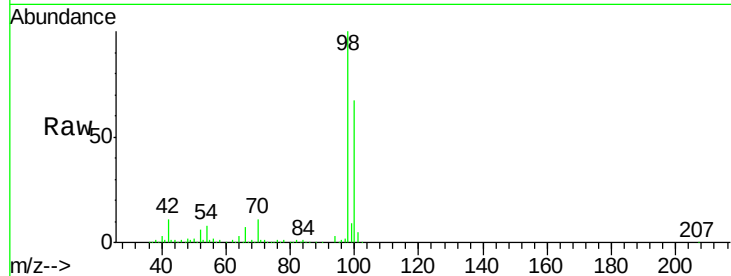
PB129002ZHE#02

Tot Ion: 98 Resp: 640397

Ion Ratio Lower Upper

98 100

100 66.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 53.819 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061513.D

Acq: 20 May 2020 20:10

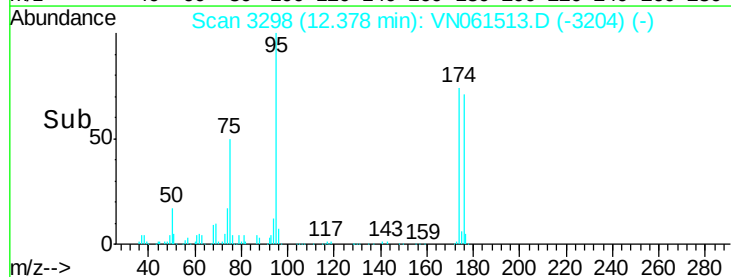
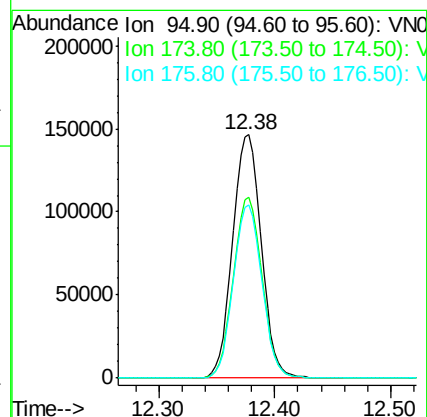
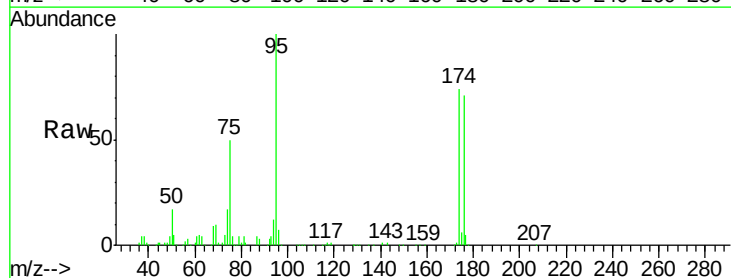
Tgt Ion: 95 Resp: 250297

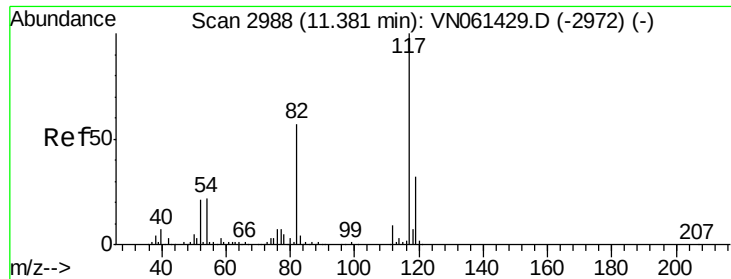
Ion Ratio Lower Upper

95 100

174 74.1 0.0 141.2

176 70.8 0.0 137.6

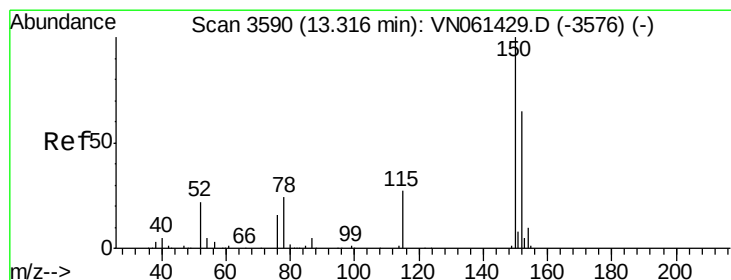
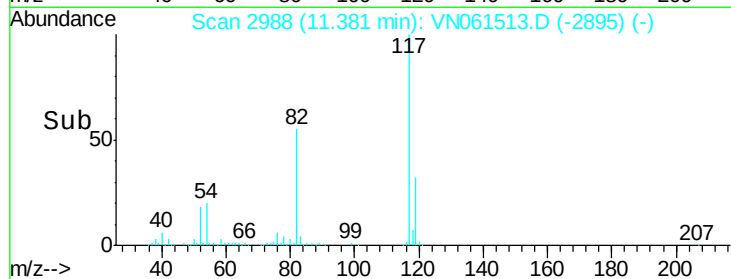
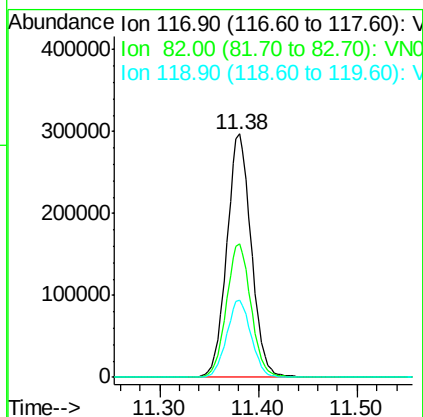
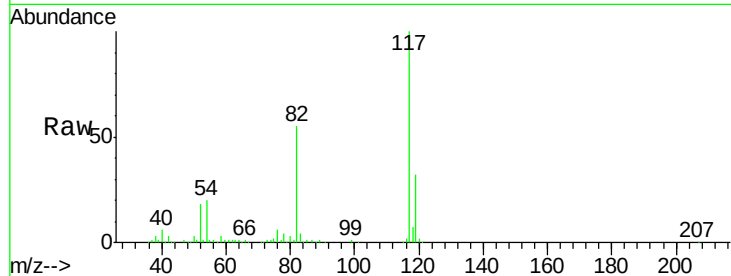




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061513.D
Acq: 20 May 2020 20:10

Instrument :
MSVOA_N
ClientSampleId :
PB129002ZHE#02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.2	67.8
119	31.5	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061513.D
Acq: 20 May 2020 20:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.9	92.5
150	159.3	0.0	349.2

