

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061534.D
 Acq On : 21 May 2020 16:37
 Operator : JC/MD
 Sample : PB129027ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#08

Quant Time: May 22 08:14:39 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

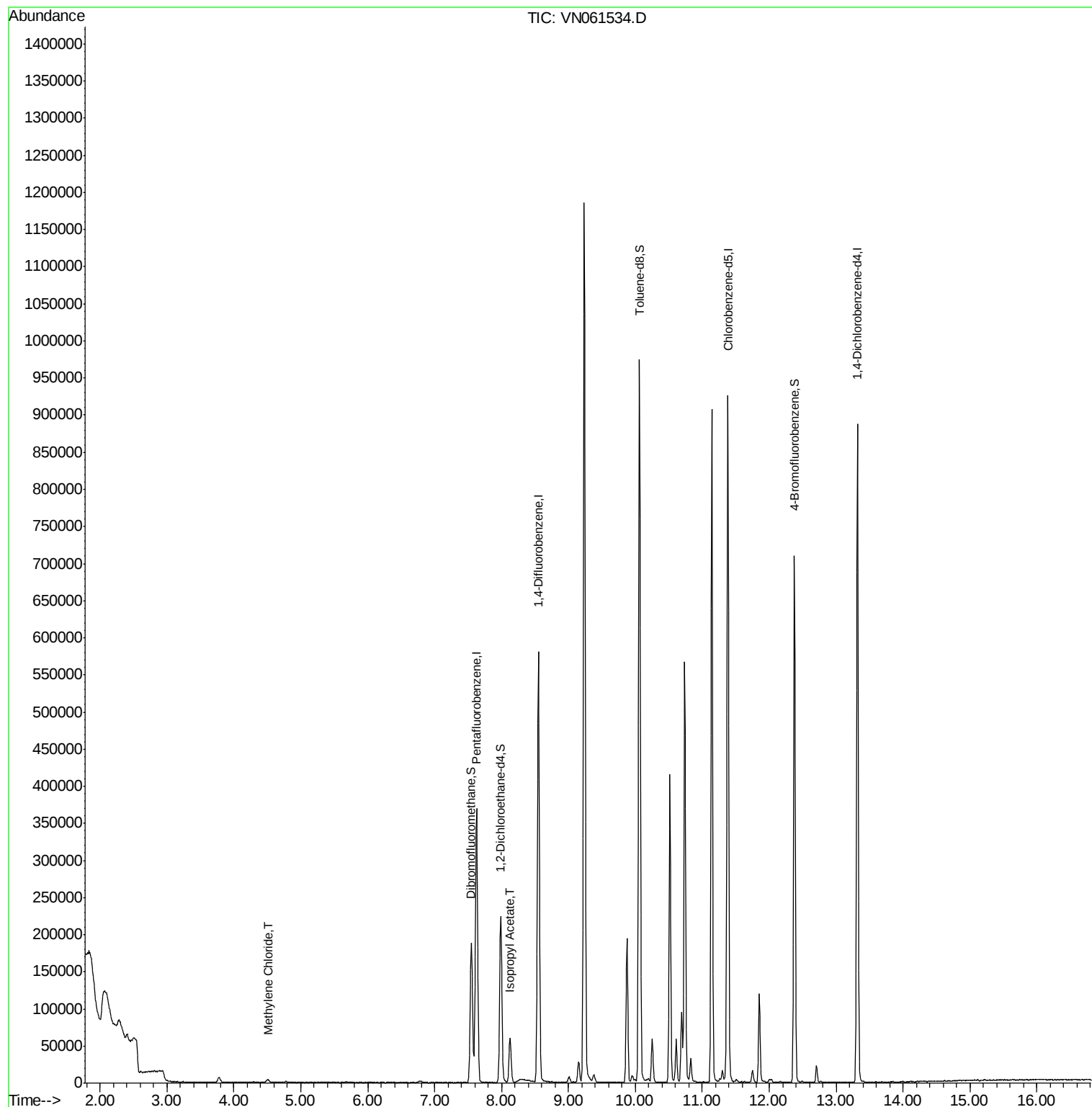
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	296438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	539985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	549611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	239344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	197456	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
35) Dibromofluoromethane	7.55	113	143688	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.06	98	677332	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.38	95	257784	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
Target Compounds						
20) Methylene Chloride	4.52	84	3647	1.003	ug/l #	66
43) Isopropyl Acetate	8.12	43	70794	8.864	ug/l #	90

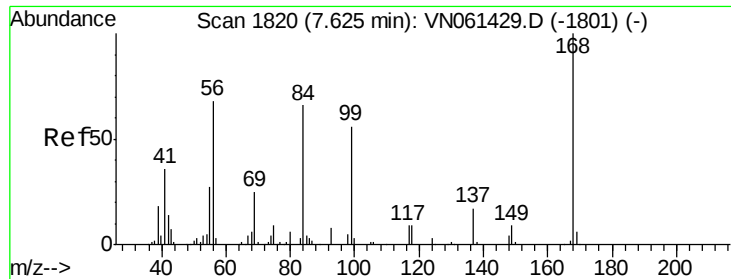
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061534.D

Acq: 21 May 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

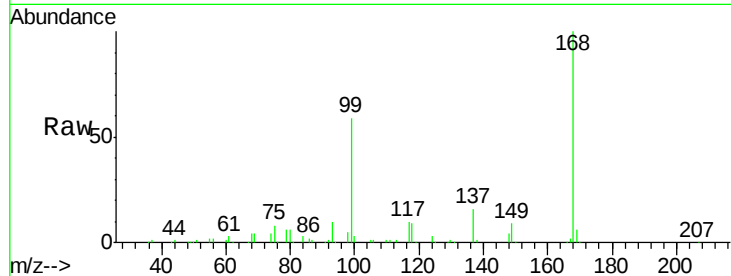
PB129027ZHE#08

Tot Ion:168 Resp: 296438

Ion Ratio Lower Upper

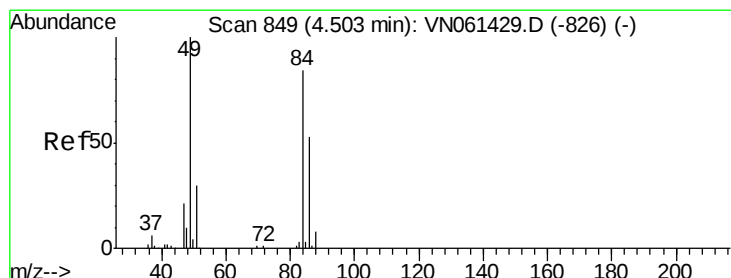
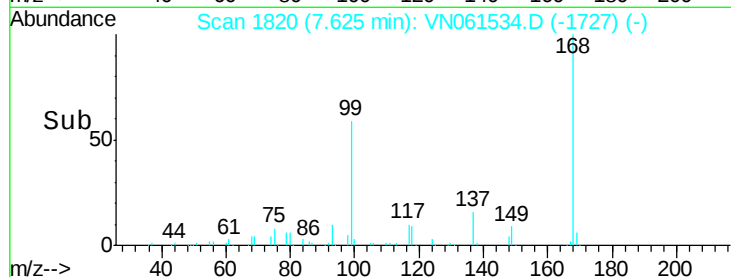
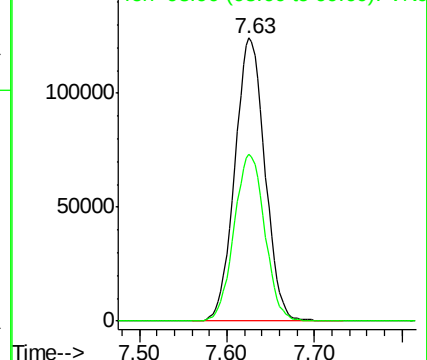
168 100

99 58.8 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.003 ug/l

RT: 4.52 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN061534.D

Acq: 21 May 2020 16:37

Tgt Ion: 84 Resp: 3647

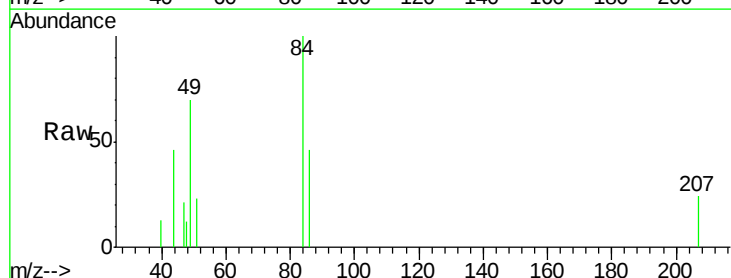
Ion Ratio Lower Upper

84 100

49 69.9 95.3 142.9#

51 22.9 29.0 43.6#

86 45.7 50.2 75.2#

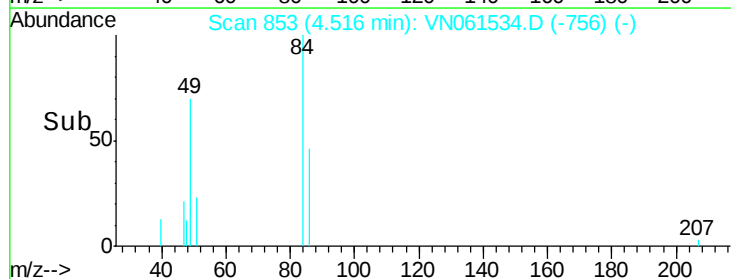
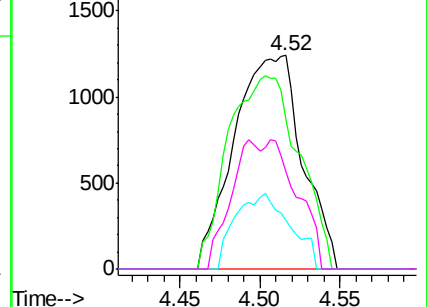


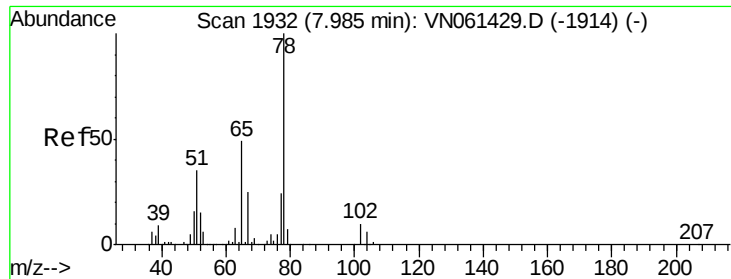
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

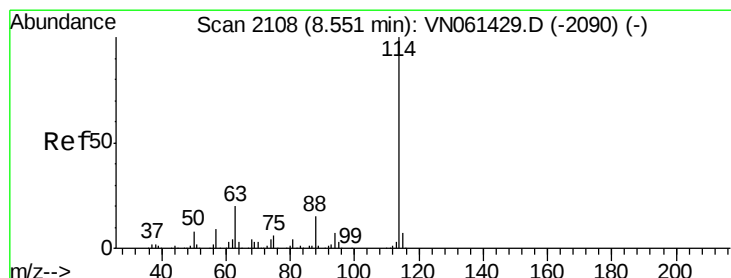
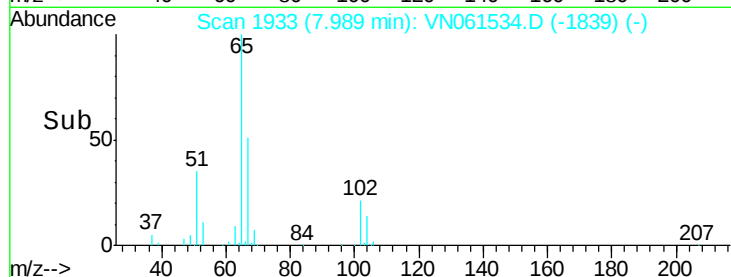
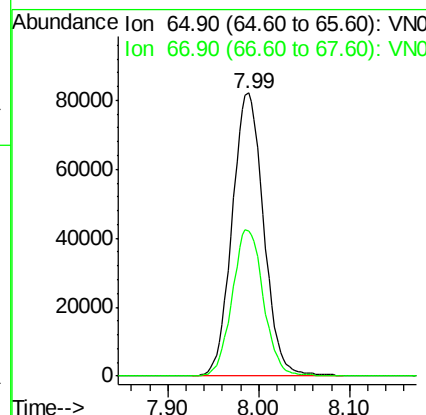
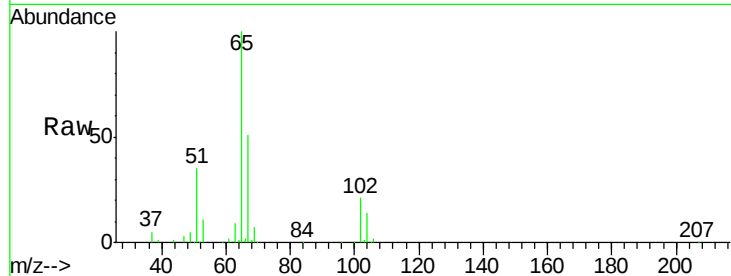




#33
 1,2-Dichloroethane-d4
 Concen: 44.631 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061534.D
 Acq: 21 May 2020 16:37

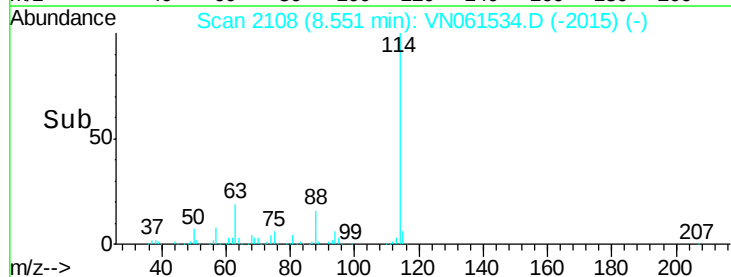
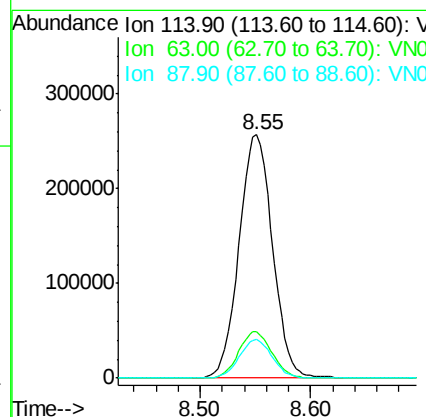
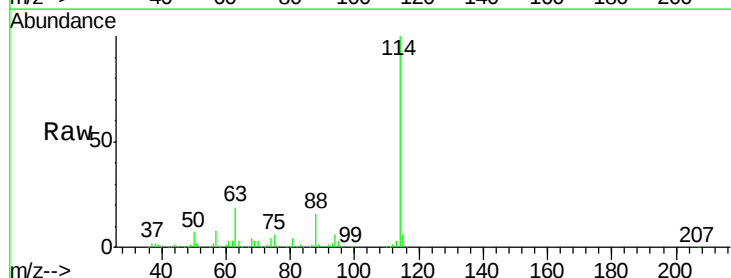
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027ZHE#08

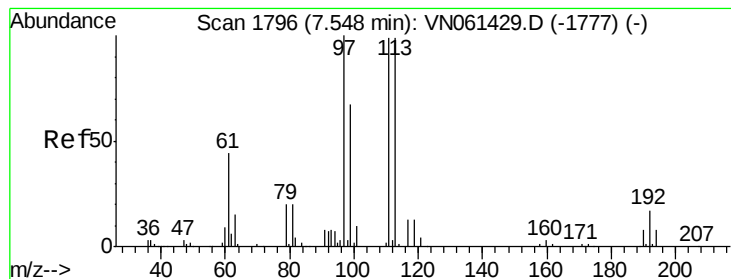
Tot Ion: 65 Resp: 197456
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061534.D
 Acq: 21 May 2020 16:37

Tgt Ion: 114 Resp: 539985
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.8
 88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.794 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061534.D

Acq: 21 May 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

PB129027ZHE#08

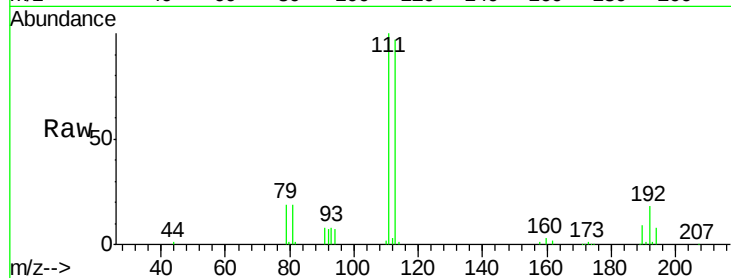
Tot Ion:113 Resp: 143688

Ion Ratio Lower Upper

113 100

111 103.9 80.6 121.0

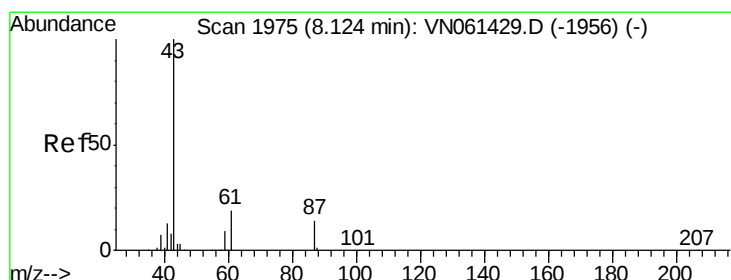
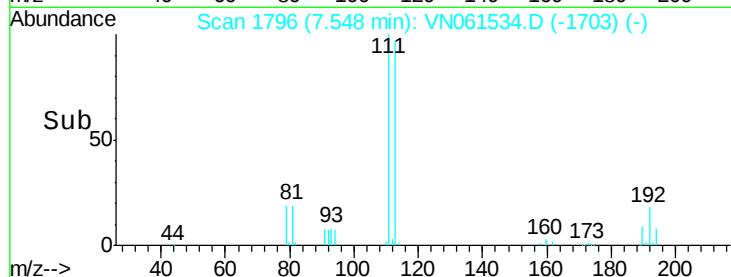
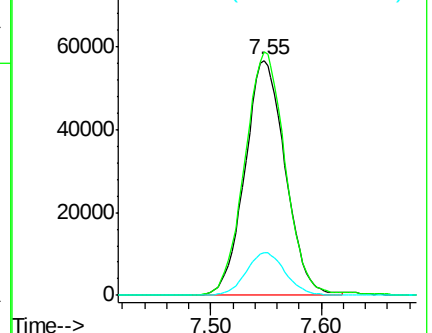
192 17.8 13.2 19.8



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: 8.864 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061534.D

Acq: 21 May 2020 16:37

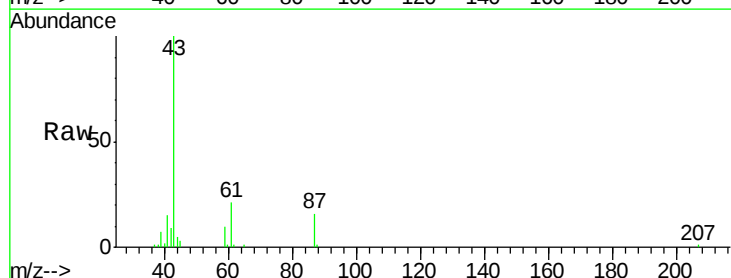
Tgt Ion: 43 Resp: 70794

Ion Ratio Lower Upper

43 100

61 21.4 23.0 34.4#

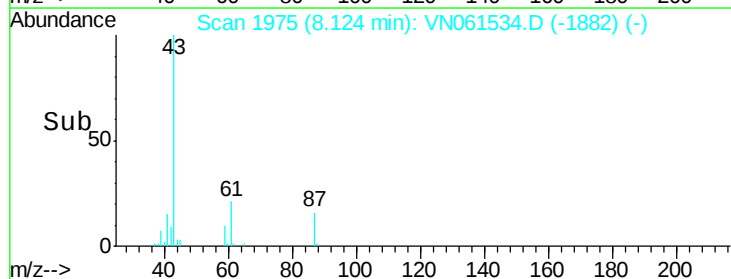
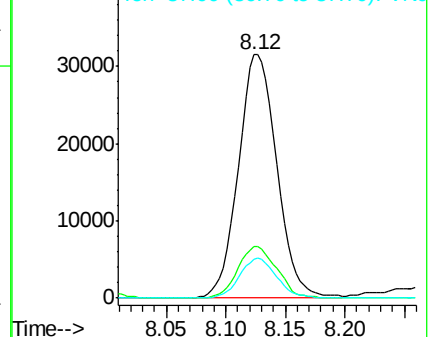
87 15.7 11.6 17.4

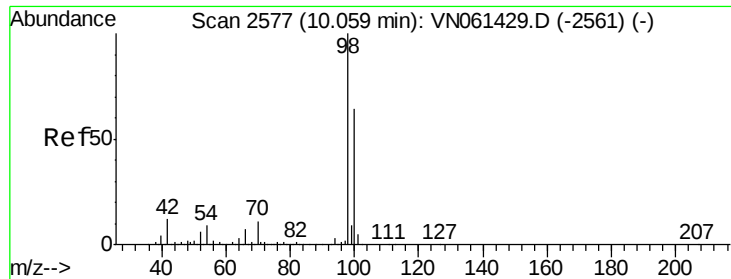


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 51.623 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061534.D

Acq: 21 May 2020 16:37

Instrument :

MSVOA_N

ClientSampleId :

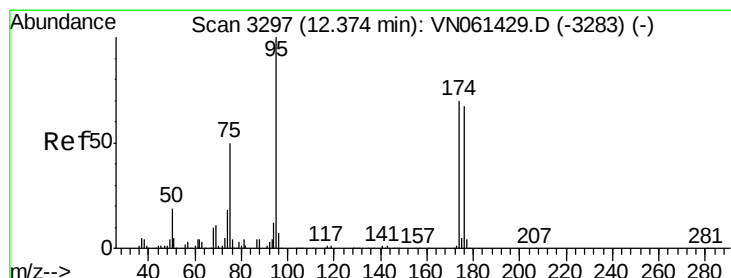
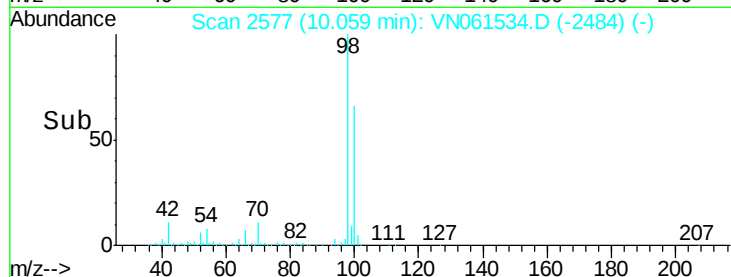
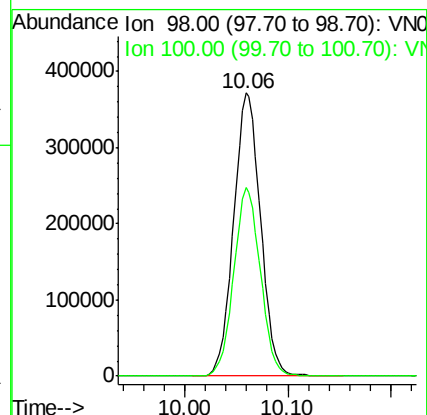
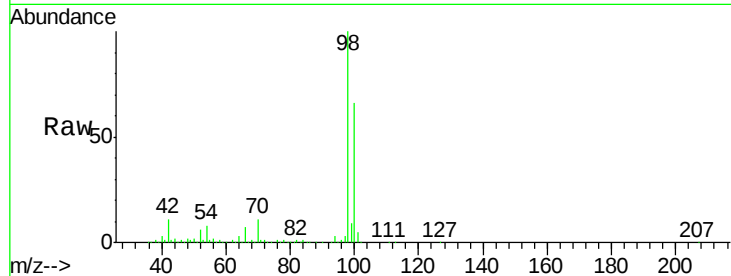
PB129027ZHE#08

Tot Ion: 98 Resp: 677332

Ion Ratio Lower Upper

98 100

100 65.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 52.587 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061534.D

Acq: 21 May 2020 16:37

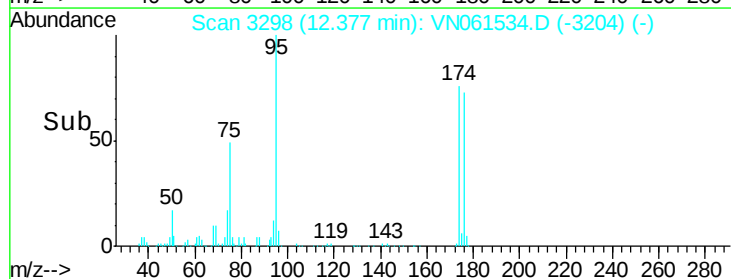
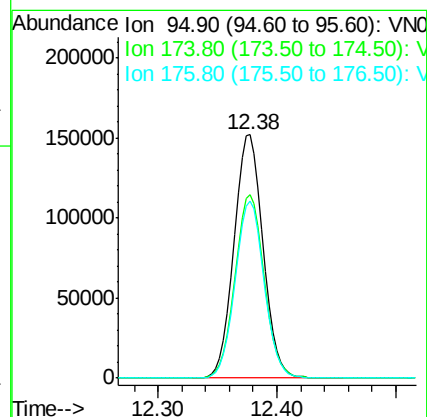
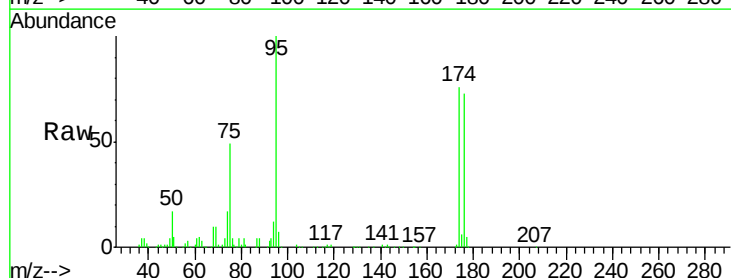
Tgt Ion: 95 Resp: 257784

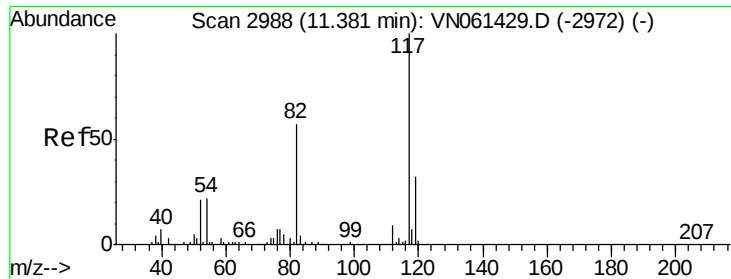
Ion Ratio Lower Upper

95 100

174 75.7 0.0 141.2

176 72.3 0.0 137.6

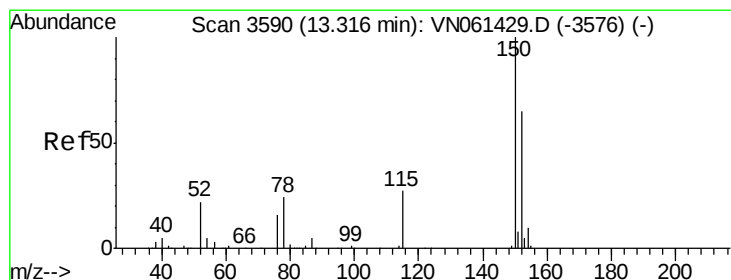
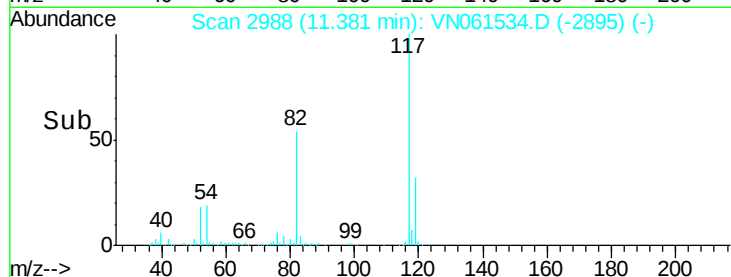
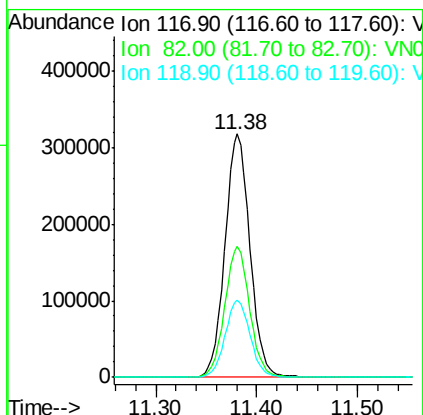
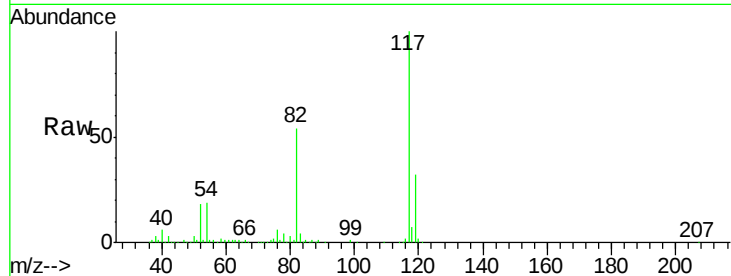




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061534.D
Acq: 21 May 2020 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB129027ZHE#08

Tot Ion:117 Resp: 549611
Ion Ratio Lower Upper
117 100
82 53.6 45.2 67.8
119 31.9 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: VN061534.D
Acq: 21 May 2020 16:37

Tgt Ion:152 Resp: 239344
Ion Ratio Lower Upper
152 100
115 60.3 30.9 92.5
150 158.1 0.0 349.2

