

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052120\
 Data File : VN061525.D
 Acq On : 21 May 2020 13:07
 Operator : JC/MD
 Sample : PB129027TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027TB

Quant Time: May 22 07:53:53 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

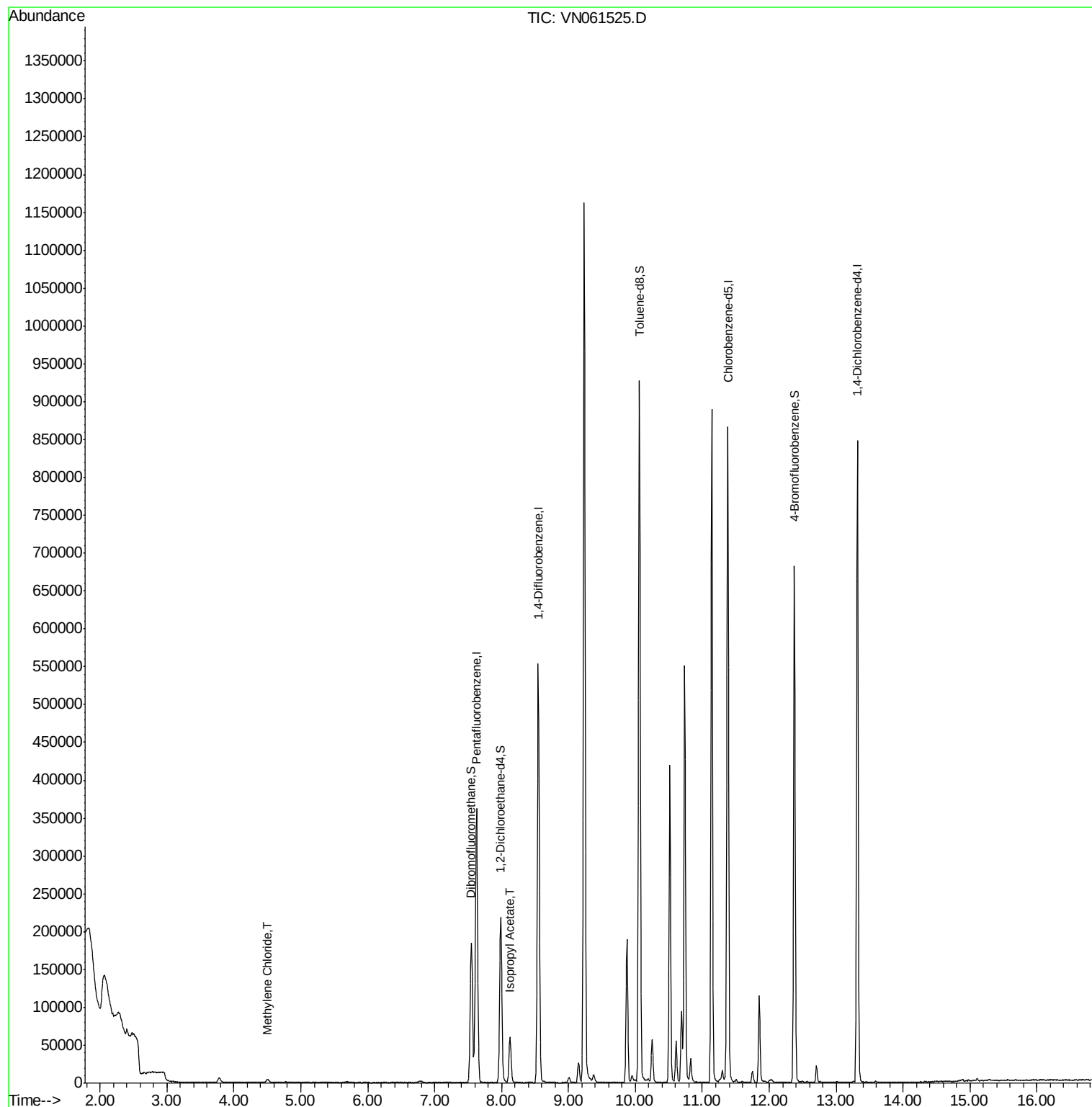
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	288606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	522744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	523977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	226309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189480	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
35) Dibromofluoromethane	7.55	113	142002	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	10.06	98	648527	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.37	95	244851	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
Target Compounds						
20) Methylene Chloride	4.50	84	3669	1.036	ug/l #	81
43) Isopropyl Acetate	8.13	43	70467	9.114	ug/l #	90

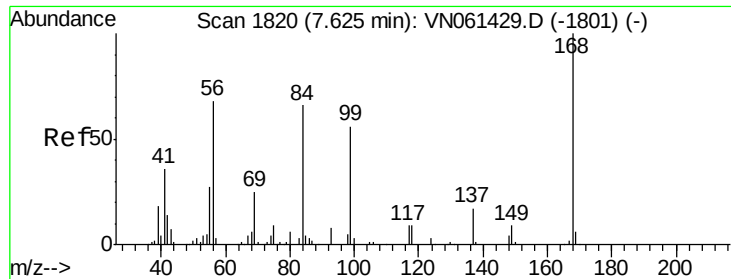
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061525.D

Acq: 21 May 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

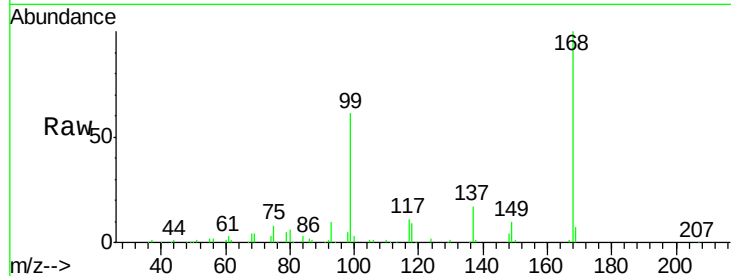
PB129027TB

Tot Ion:168 Resp: 288606

Ion Ratio Lower Upper

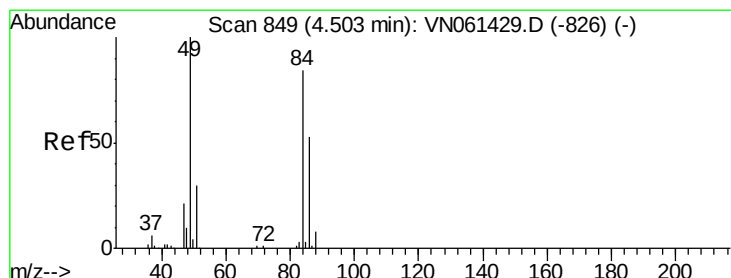
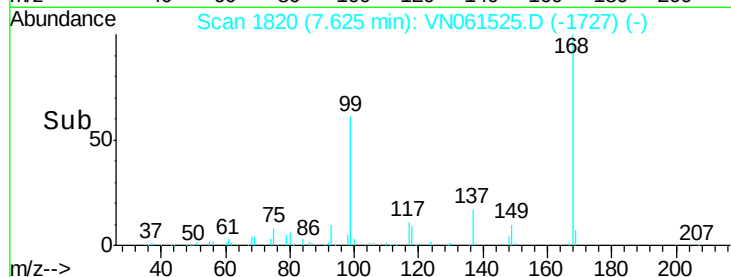
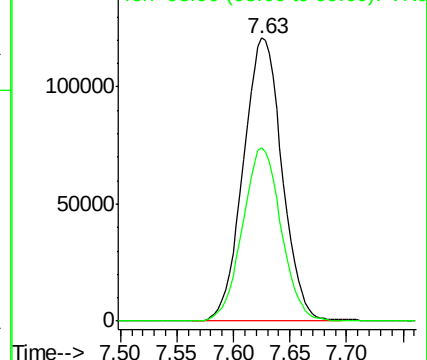
168 100

99 61.4 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: 1.036 ug/l

RT: 4.50 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN061525.D

Acq: 21 May 2020 13:07

Tgt Ion: 84 Resp: 3669

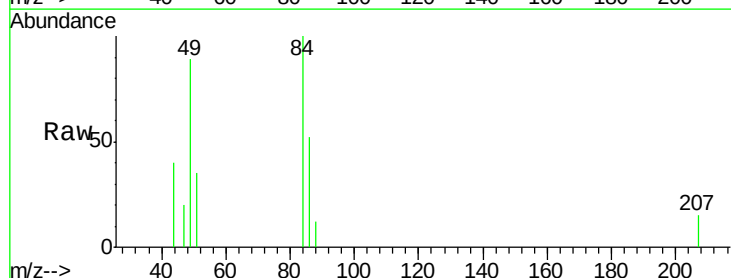
Ion Ratio Lower Upper

84 100

49 88.7 95.3 142.9#

51 35.3 29.0 43.6

86 51.8 50.2 75.2

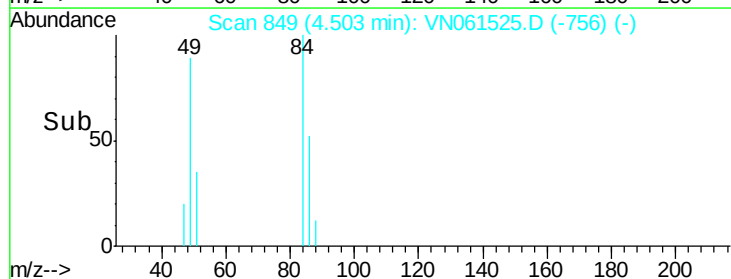
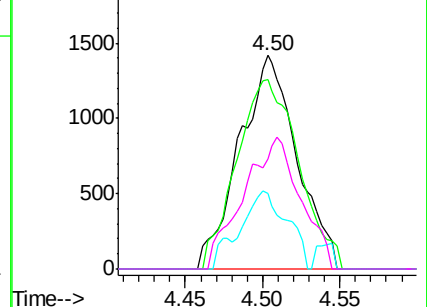


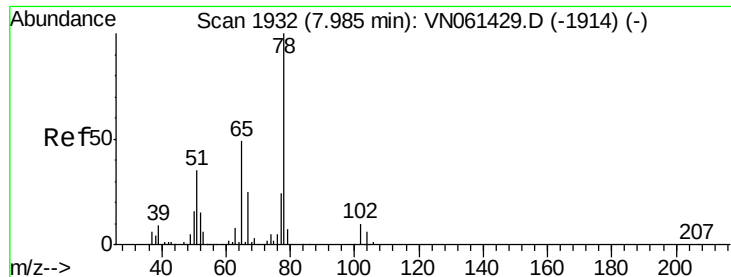
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

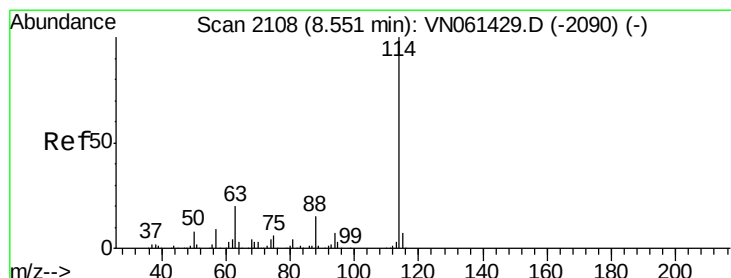
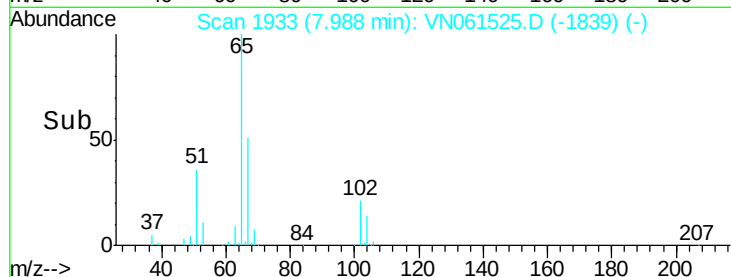
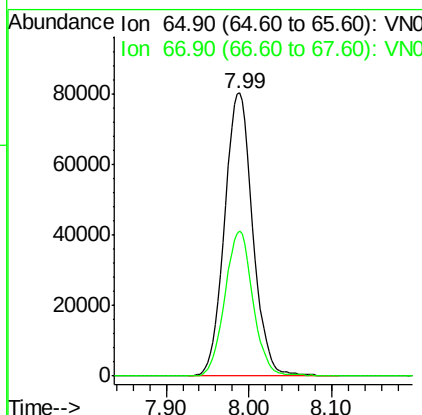
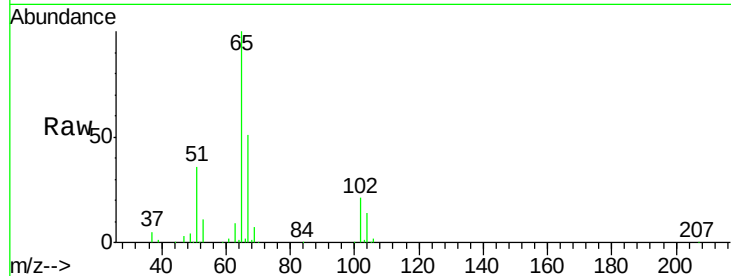




#33
 1,2-Dichloroethane-d4
 Concen: 43.990 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061525.D
 Acq: 21 May 2020 13:07

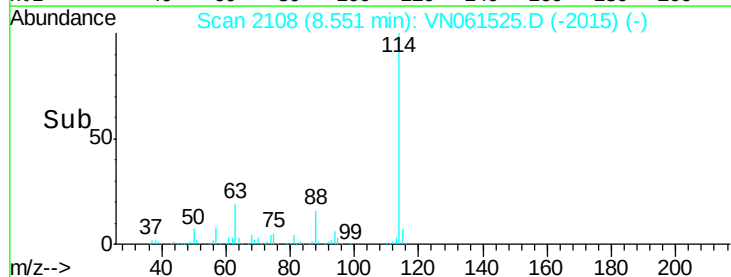
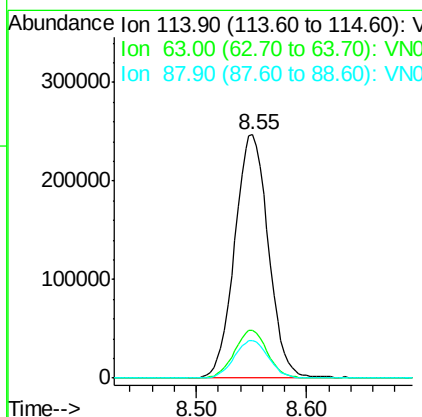
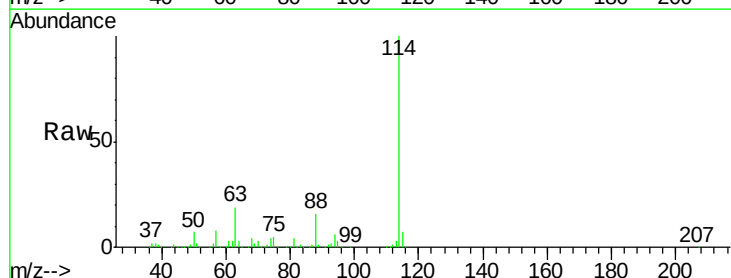
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027TB

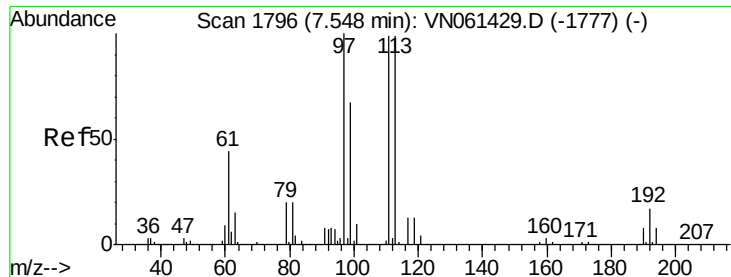
Tot Ion: 65 Resp: 189480
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061525.D
 Acq: 21 May 2020 13:07

Tgt Ion: 114 Resp: 522744
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 15.5 0.0 30.8

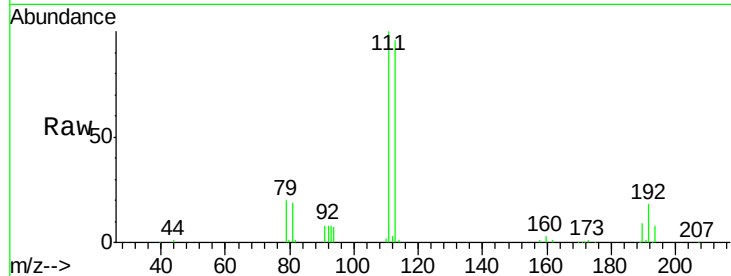




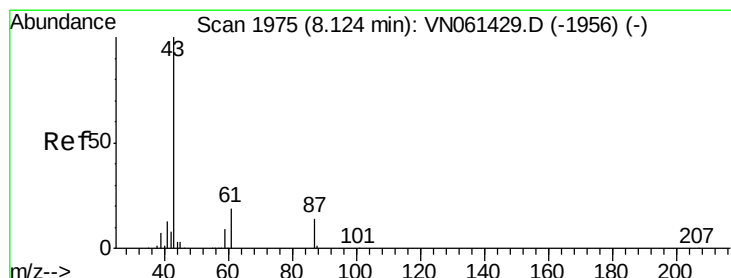
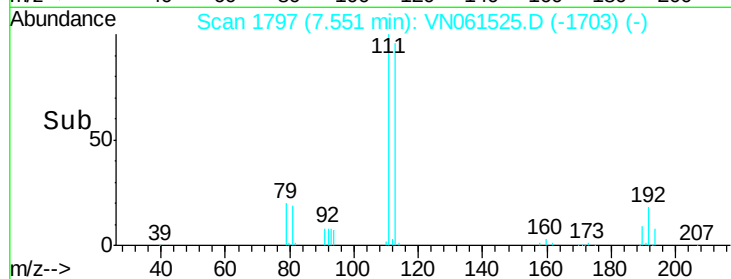
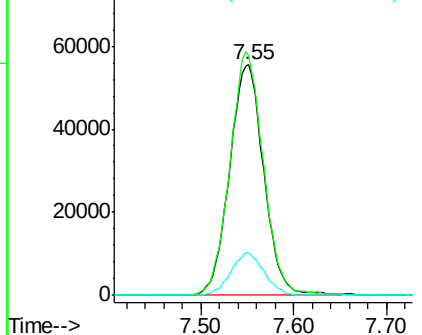
#35
 Dibromofluoromethane
 Concen: 51.854 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061525.D
 Acq: 21 May 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129027TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.6	121.0
192	18.0	13.2	19.8

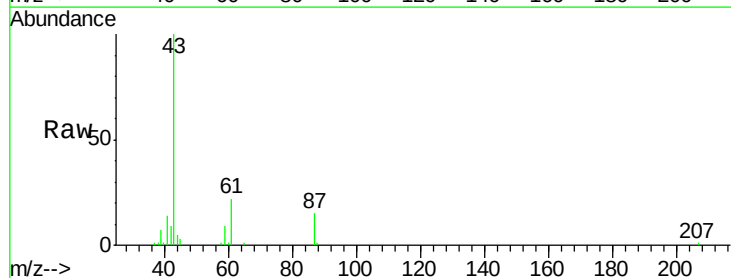


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

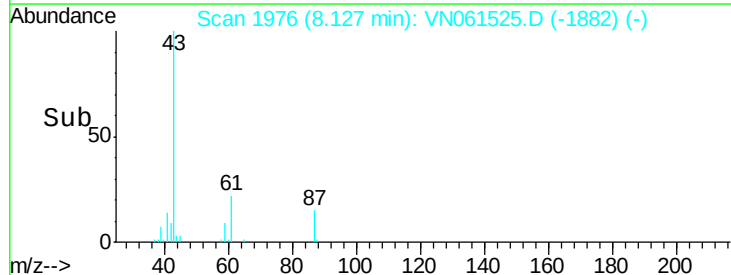
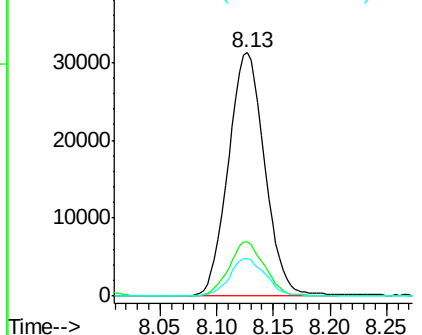


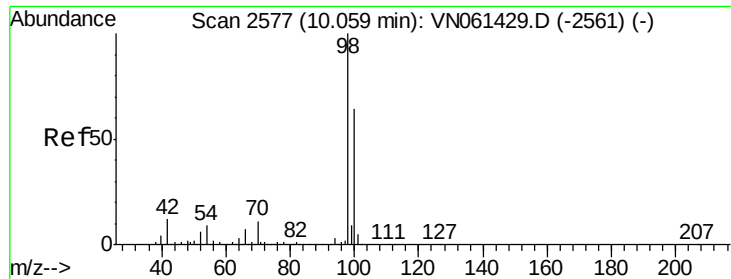
#43
 Isopropyl Acetate
 Concen: 9.114 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061525.D
 Acq: 21 May 2020 13:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.6	23.0	34.4#
87	15.2	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: 51.058 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061525.D

Acq: 21 May 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

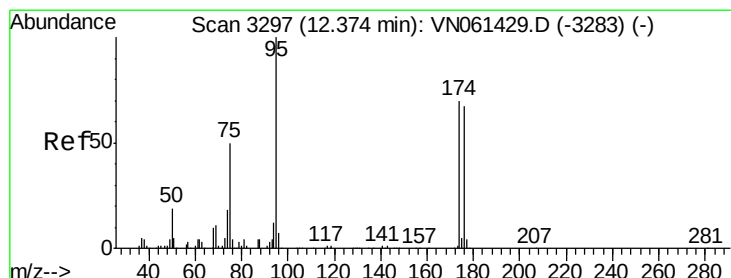
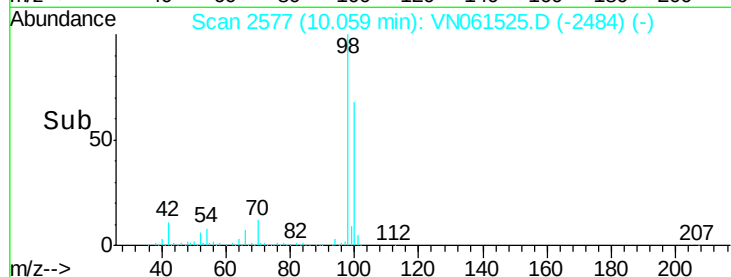
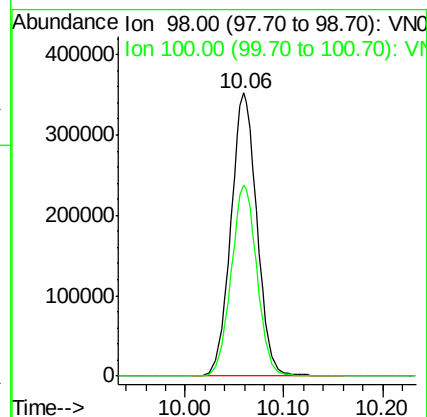
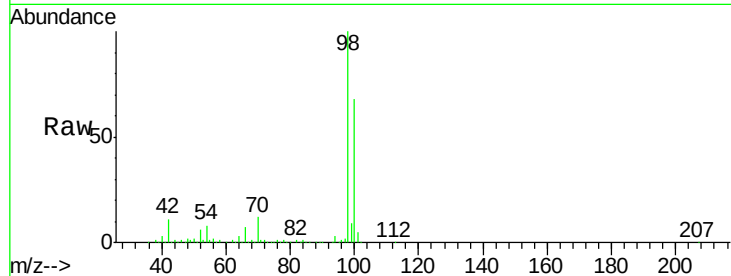
PB129027TB

Tot Ion: 98 Resp: 648527

Ion Ratio Lower Upper

98 100

100 66.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.596 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061525.D

Acq: 21 May 2020 13:07

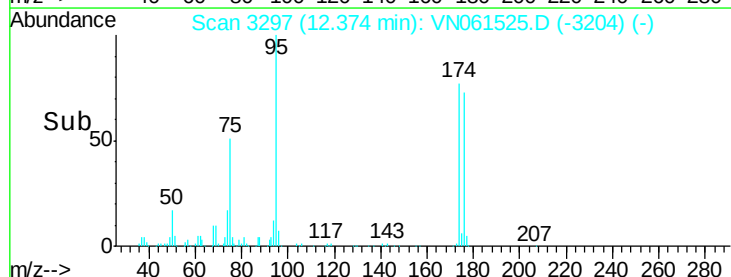
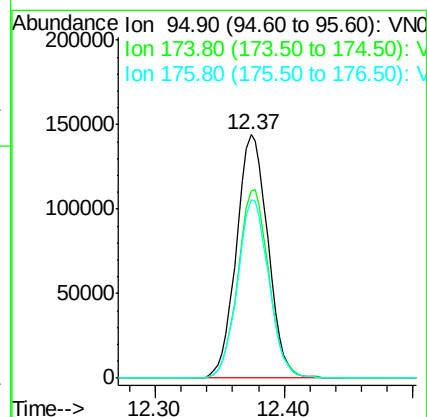
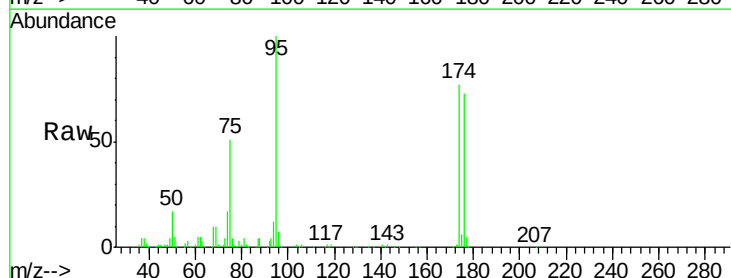
Tgt Ion: 95 Resp: 244851

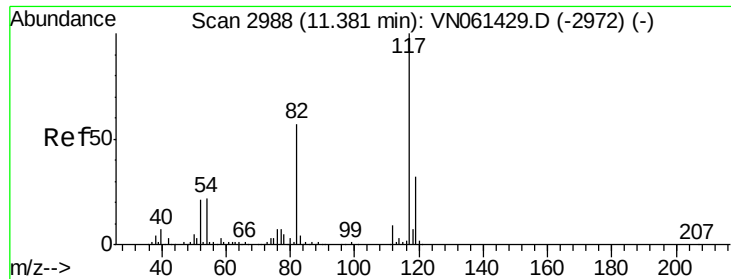
Ion Ratio Lower Upper

95 100

174 76.2 0.0 141.2

176 72.8 0.0 137.6

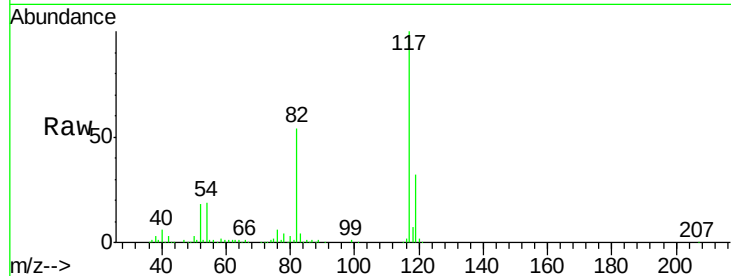




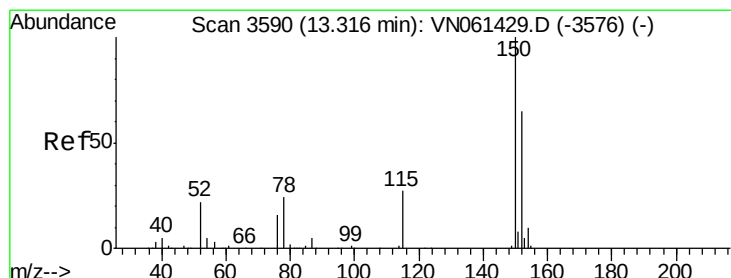
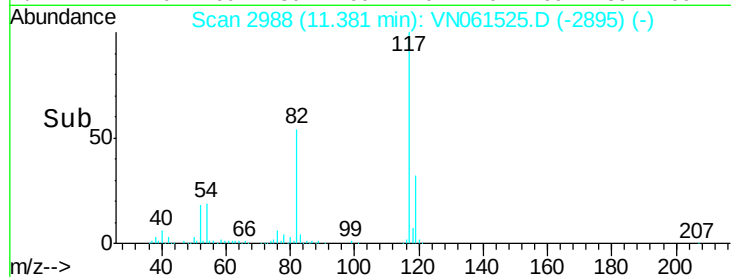
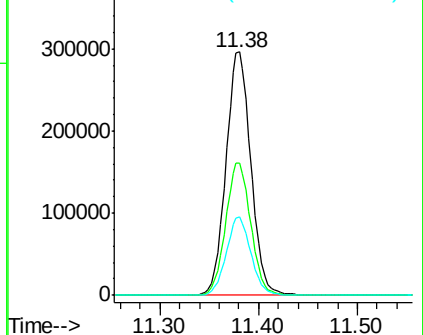
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061525.D
Acq: 21 May 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
PB129027TB

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.2	67.8
119	32.0	25.3	37.9

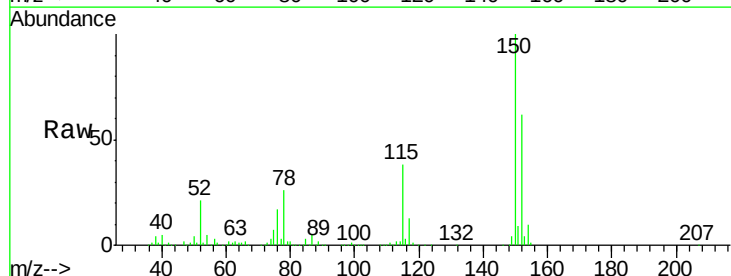


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061525.D
Acq: 21 May 2020 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.9	92.5
150	158.6	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

