

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061490.D
 Acq On : 19 May 2020 17:53
 Operator : JC/MD
 Sample : PB128977TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128977TB

Quant Time: May 20 14:06:16 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

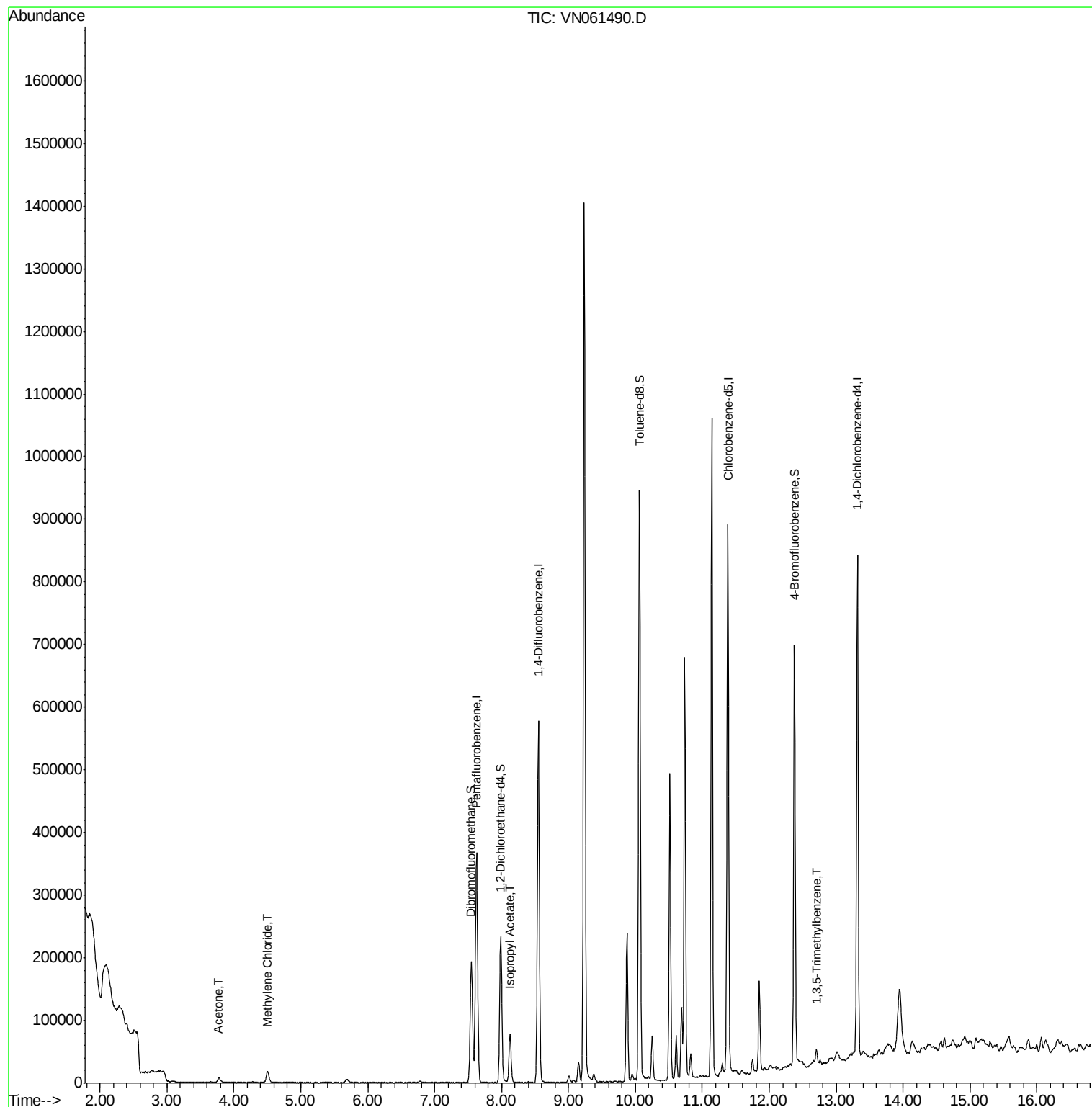
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	290988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	530928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	508205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	211871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	201348	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
35) Dibromofluoromethane	7.55	113	149236	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
50) Toluene-d8	10.06	98	658131	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.37	95	243103	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
Target Compounds						
16) Acetone	3.77	43	13429	0.676	ug/l	92
20) Methylene Chloride	4.50	84	13017	3.647	ug/l	94
43) Isopropyl Acetate	8.13	43	90513	11.527	ug/l #	90
80) 1,3,5-Trimethylbenzene	12.71	105	9217	0.662	ug/l	91

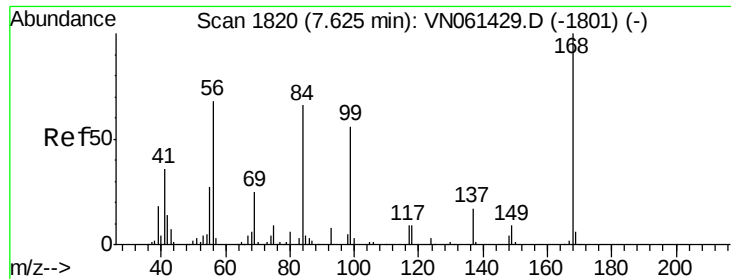
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 14:06:16 2020
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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: VN061490.D

Acq: 19 May 2020 17:53

Instrument :

MSVOA_N

ClientSampled :

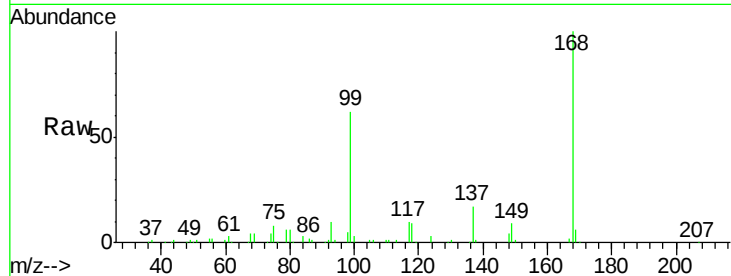
PB128977TB

Tot Ion:168 Resp: 290988

Ion Ratio Lower Upper

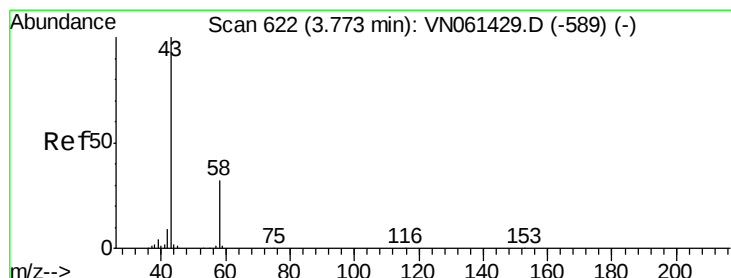
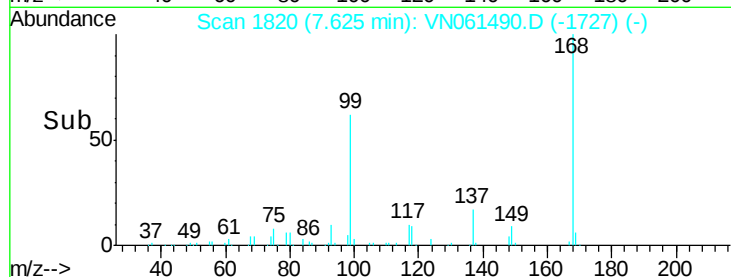
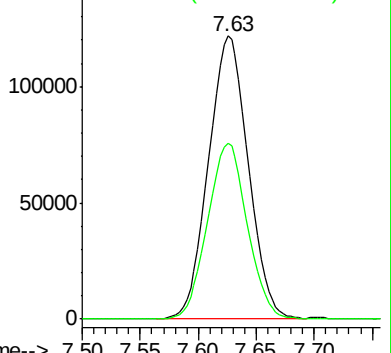
168 100

99 62.0 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.676 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061490.D

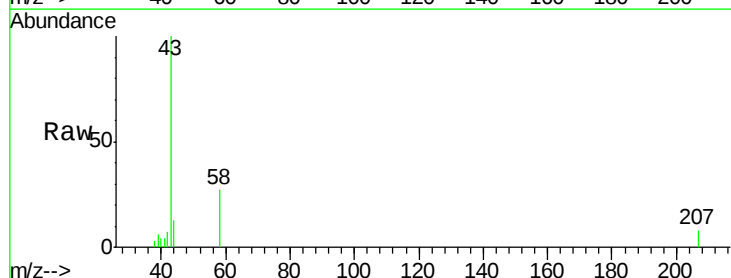
Acq: 19 May 2020 17:53

Tgt Ion: 43 Resp: 13429

Ion Ratio Lower Upper

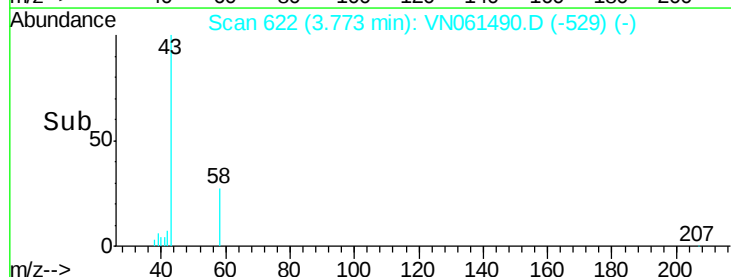
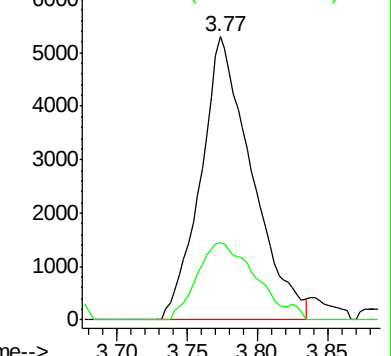
43 100

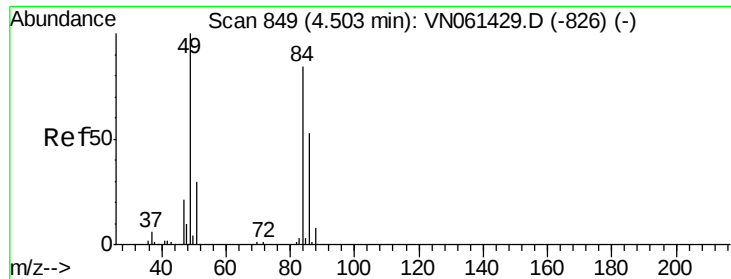
58 27.5 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

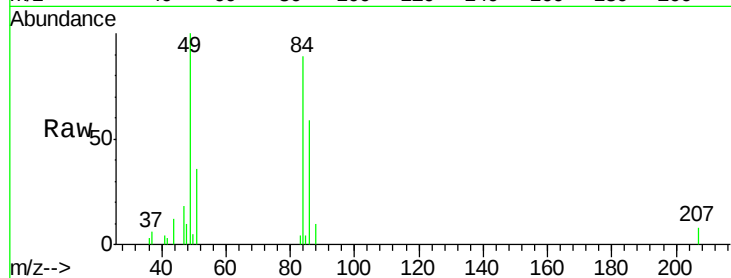




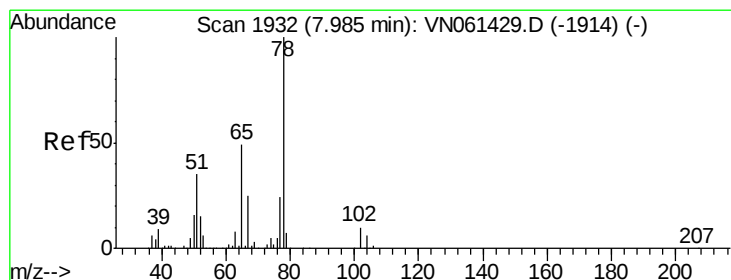
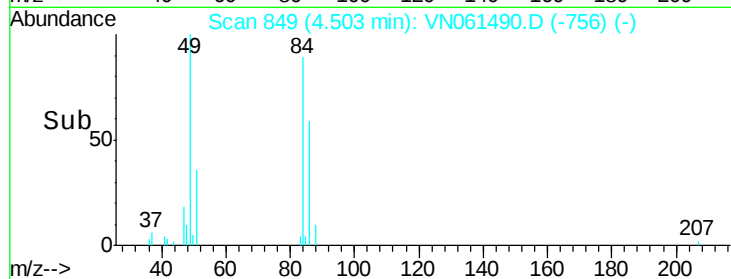
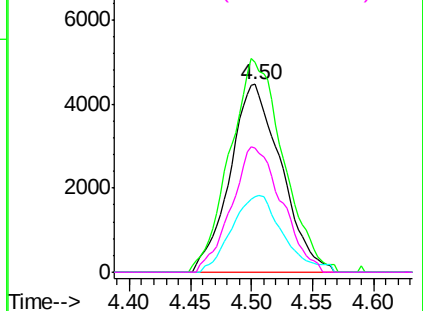
#20
Methvlene Chloride
Concen: 3.647 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061490.D
Acq: 19 May 2020 17:53

Instrument :
MSVOA_N
ClientSampleId :
PB128977TB

Tot Ion:	84	Resp:	13017
Ion	Ratio	Lower	Upper
84	100		
49	111.8	95.3	142.9
51	40.0	29.0	43.6
86	66.1	50.2	75.2

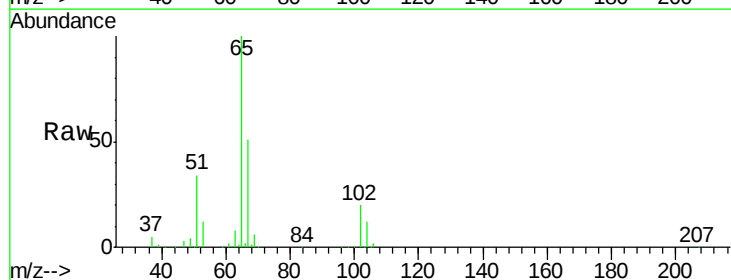


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

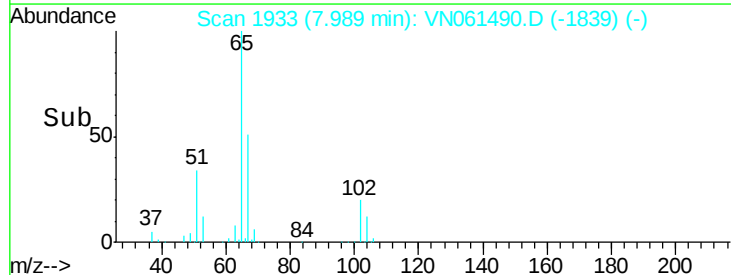
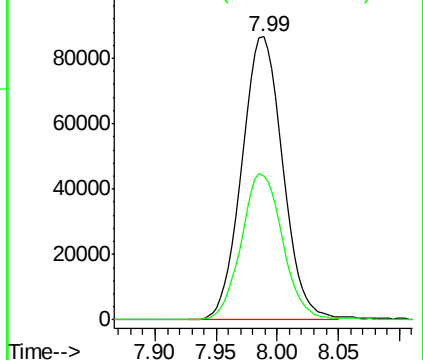


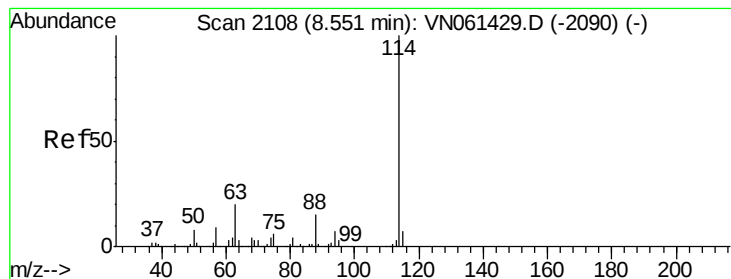
#33
1,2-Dichloroethane-d4
Concen: 46.363 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061490.D
Acq: 19 May 2020 17:53

Tgt Ion:	65	Resp:	201348
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061490.D

Acq: 19 May 2020 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB128977TB

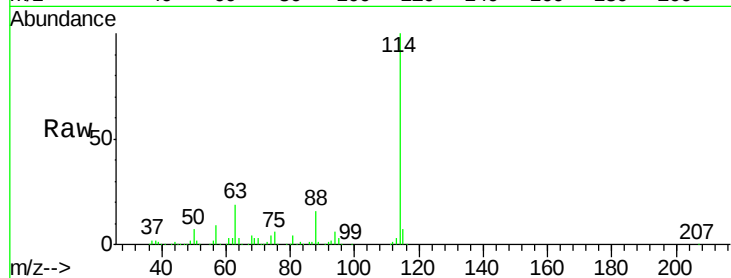
Tot Ion:114 Resp: 530928

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

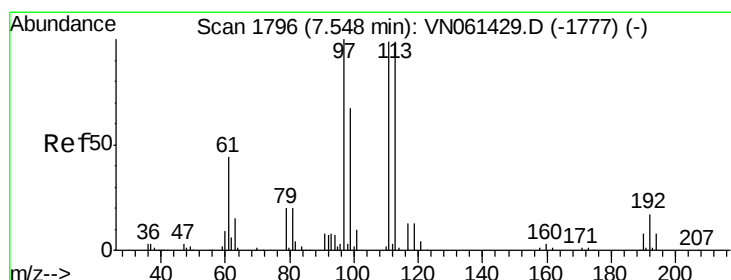
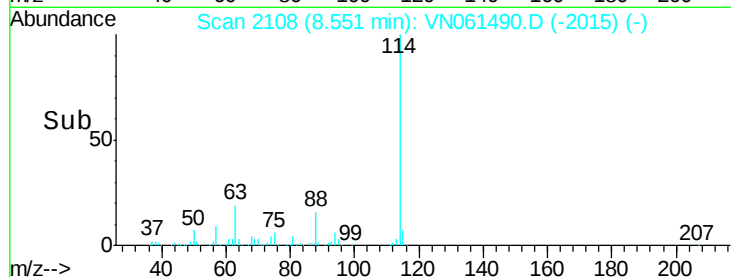
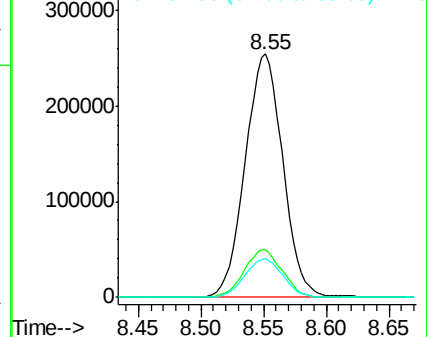
88 15.7 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 53.655 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061490.D

Acq: 19 May 2020 17:53

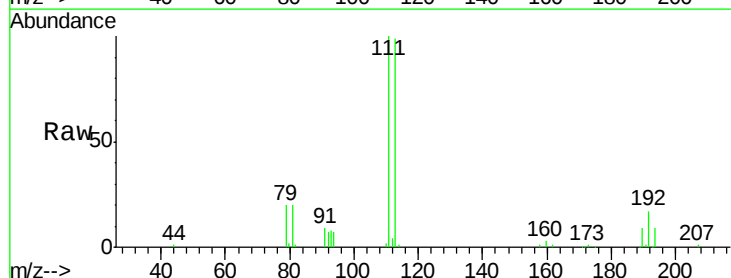
Tgt Ion:113 Resp: 149236

Ion Ratio Lower Upper

113 100

111 101.7 80.6 121.0

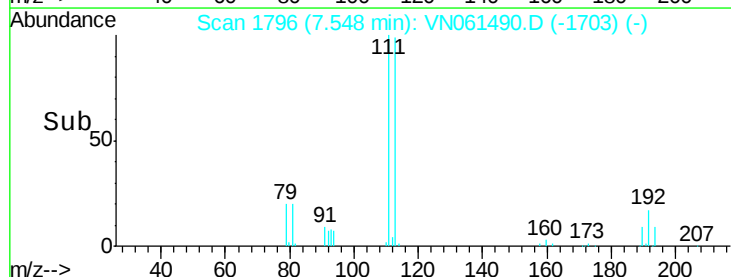
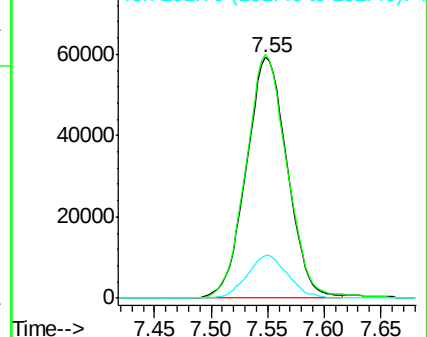
192 17.5 13.2 19.8

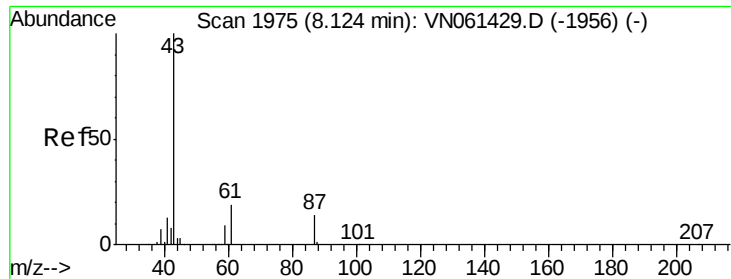


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



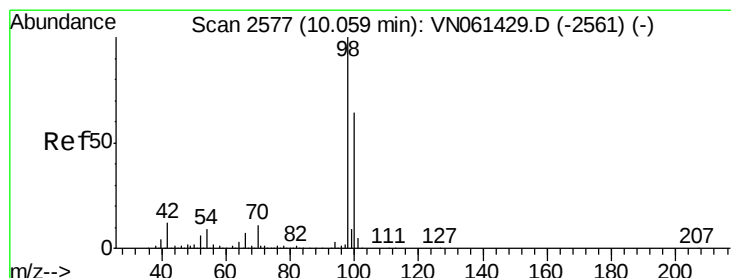
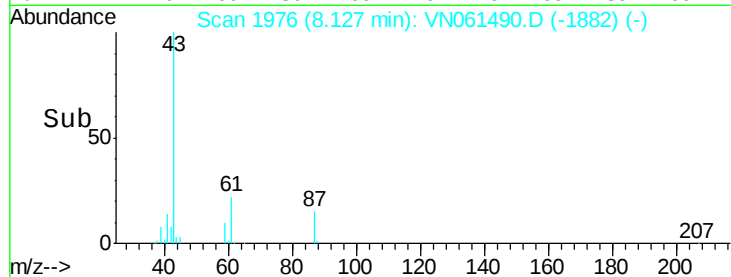
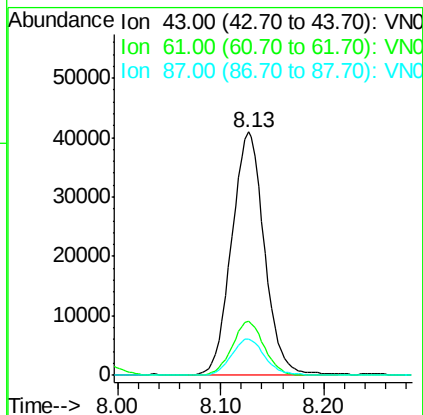
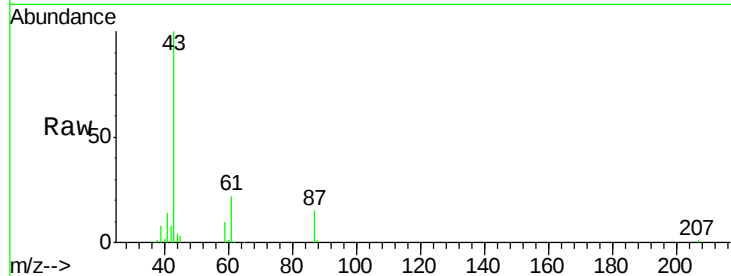


#43

Isopropyl Acetate
 Concen: 11.527 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061490.D
 Acq: 19 May 2020 17:53

Instrument :
 MSVOA_N
 ClientSampled :
 PB128977TB

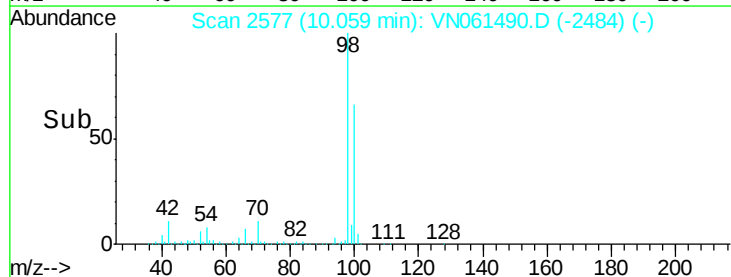
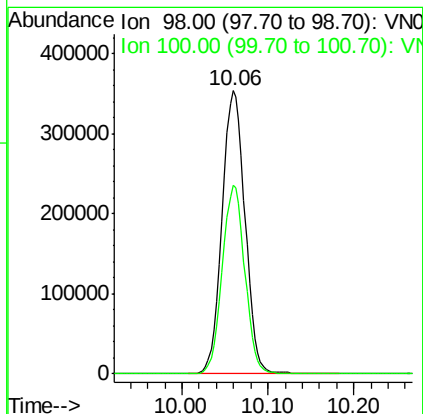
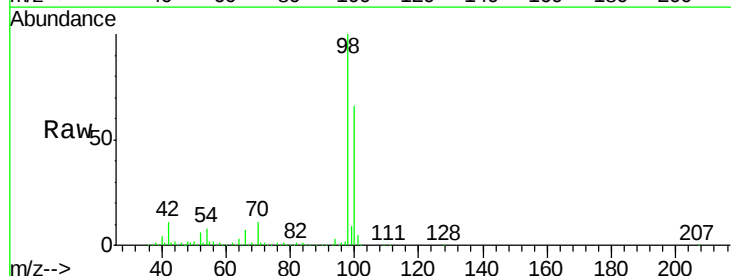
Tot Ion	43	Resp	90513
Ion Ratio	Lower	Upper	
43	100		
61	21.4	23.0	34.4#
87	15.1	11.6	17.4

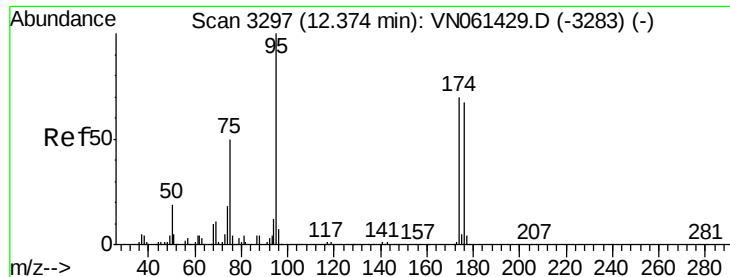


#50

Toluene-d8
 Concen: 51.015 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061490.D
 Acq: 19 May 2020 17:53

Tgt Ion	98	Resp	658131
Ion Ratio	Lower	Upper	
98	100		
100	65.6	51.8	77.8





#62

4-Bromofluorobenzene

Concen: 50.438 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061490.D

Acq: 19 May 2020 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB128977TB

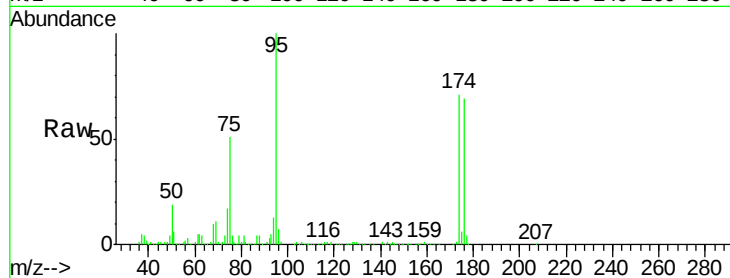
Tot Ion: 95 Resp: 243103

Ion Ratio Lower Upper

95 100

174 72.1 0.0 141.2

176 69.9 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

150000

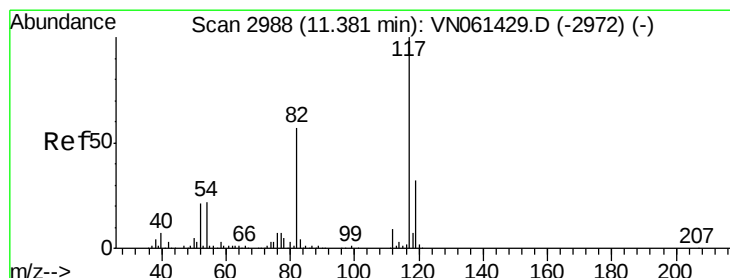
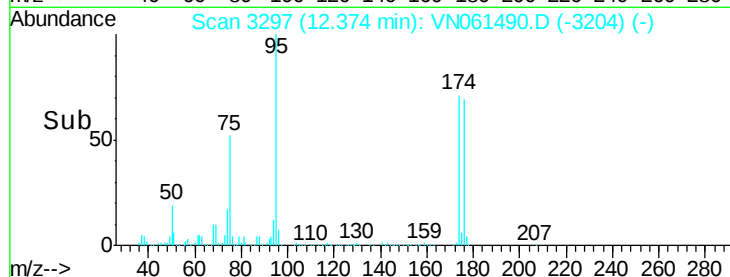
100000

50000

0

12.30 12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061490.D

Acq: 19 May 2020 17:53

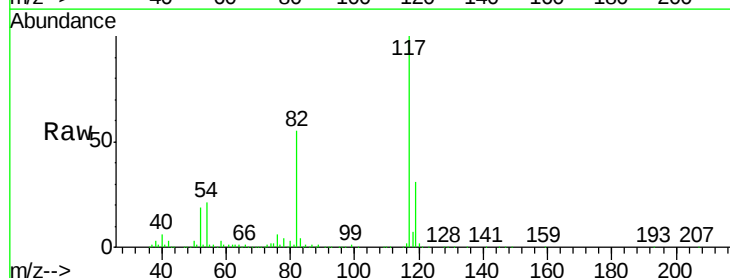
Tgt Ion: 117 Resp: 508205

Ion Ratio Lower Upper

117 100

82 55.3 45.2 67.8

119 31.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)

11.38

400000

300000

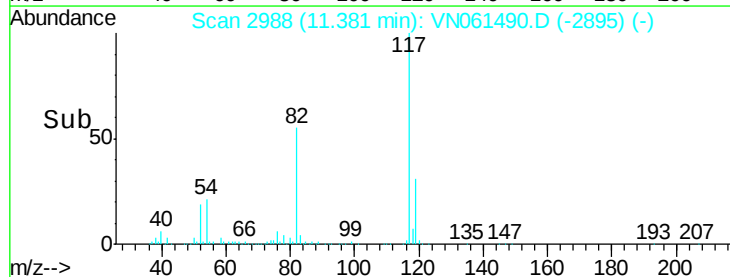
200000

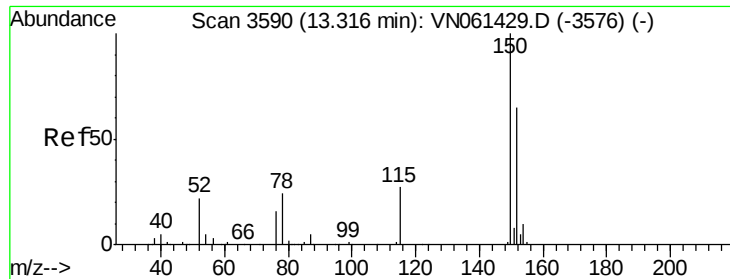
100000

0

11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061490.D

Acq: 19 May 2020 17:53

Instrument :

MSVOA_N

ClientSampled :

PB128977TB

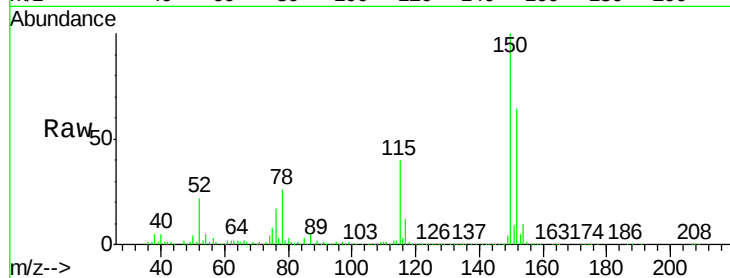
Tot Ion:152 Resp: 211871

Ion Ratio Lower Upper

152 100

115 61.0 30.9 92.5

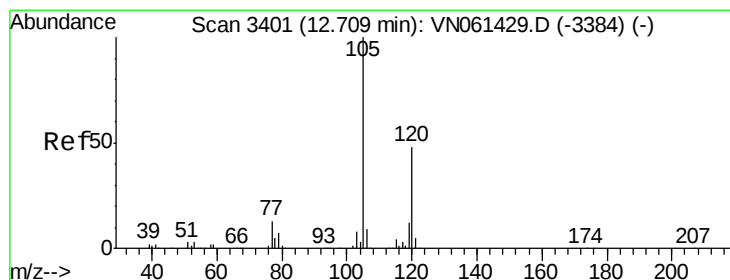
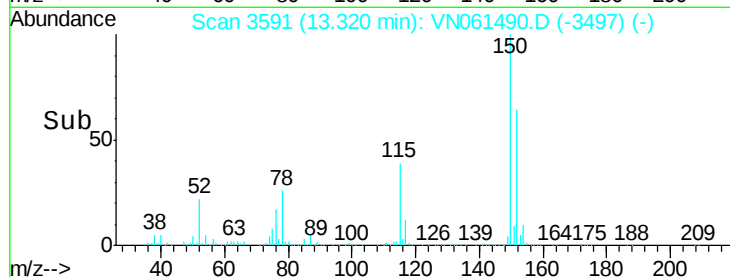
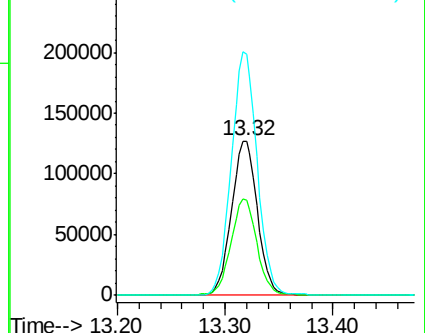
150 159.2 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.662 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061490.D

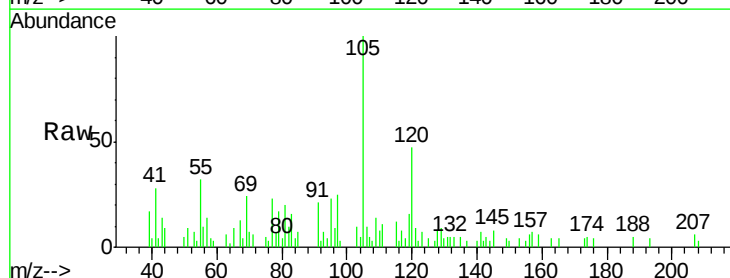
Acq: 19 May 2020 17:53

Tgt Ion:105 Resp: 9217

Ion Ratio Lower Upper

105 100

120 54.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

