

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061471.D
 Acq On : 19 May 2020 9:39
 Operator : JC/MD
 Sample : PB128896TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128896TB

Quant Time: May 19 11:58:02 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	257816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	478167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	472581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209659	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	183597	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
35) Dibromofluoromethane	7.55	113	130678	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
50) Toluene-d8	10.06	98	606475	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.37	95	234138	53.94	ug/l	0.00
Spiked Amount			Recovery	=	107.88%	

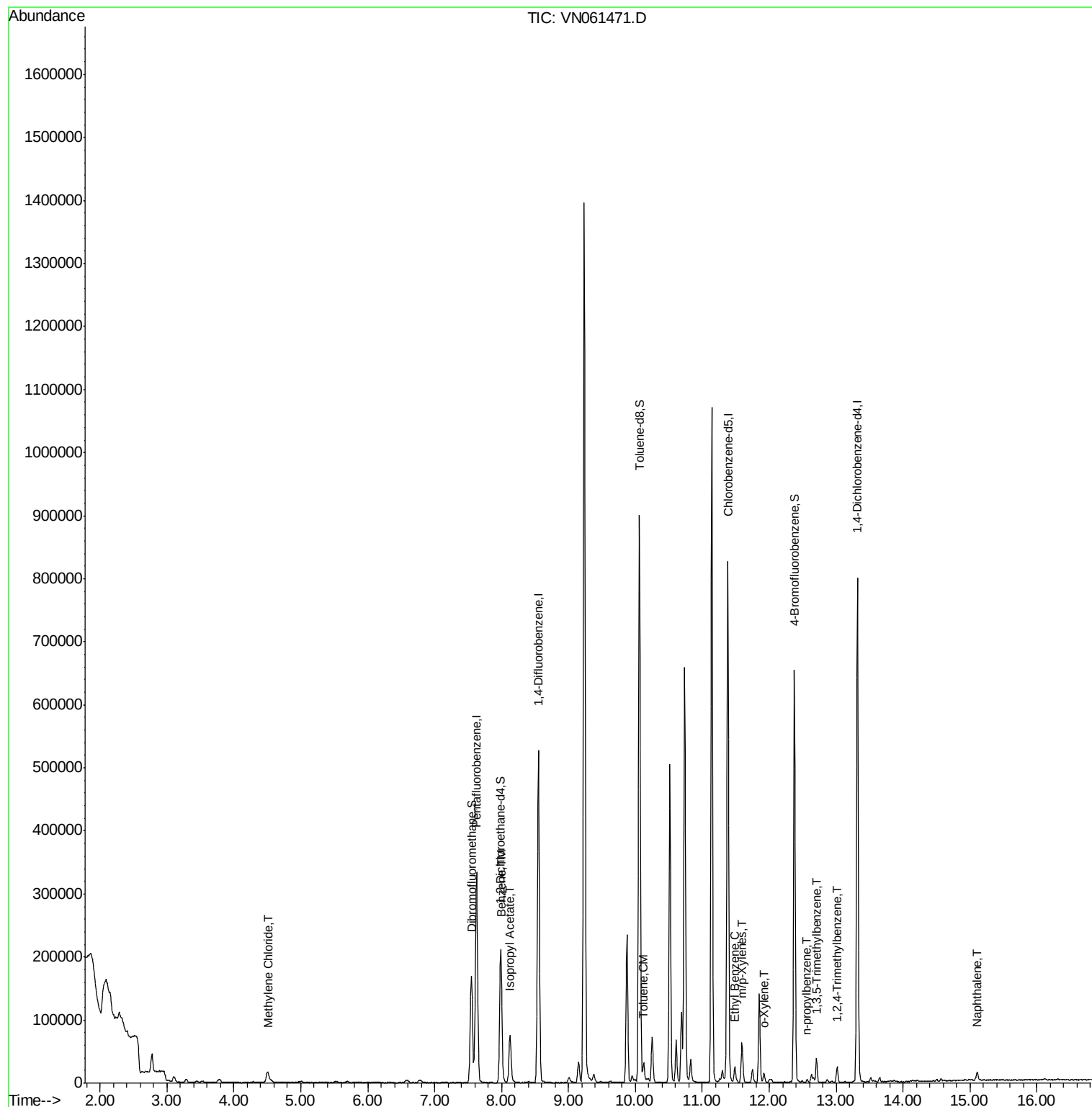
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.50	84	11430	3.614	ug/l	97
40) Benzene	8.00	78	5252	0.390	ug/l #	87
43) Isopropyl Acetate	8.13	43	89110	12.600	ug/l #	91
52) Toluene	10.12	92	12937	1.496	ug/l	92
67) Ethyl Benzene	11.48	91	17554	0.998	ug/l	91
68) m/p-Xylenes	11.59	106	20948	3.137	ug/l	99
69) o-Xylene	11.92	106	3954	0.612	ug/l	96
78) n-propylbenzene	12.56	91	4285	0.223	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	18126	1.315	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	14716	1.067	ug/l	100
95) Naphthalene	15.11	128	12188	1.103	ug/l	96

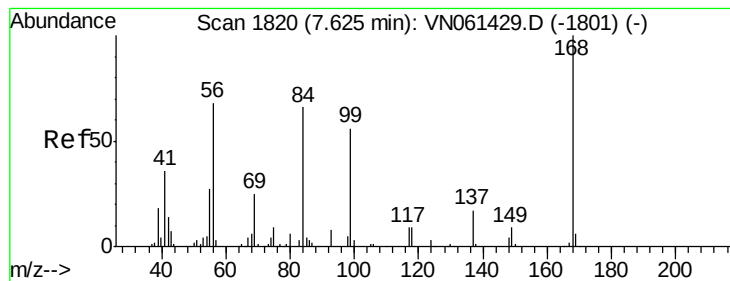
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061471.D

Acq: 19 May 2020 9:39

Instrument :

MSVOA_N

ClientSampleId :

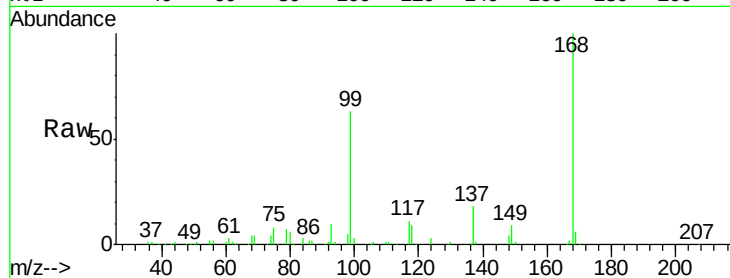
PB128896TB

Tot Ion:168 Resp: 257816

Ion Ratio Lower Upper

168 100

99 63.3 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

120000

100000

80000

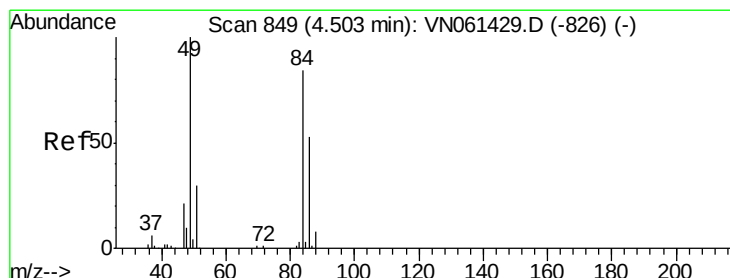
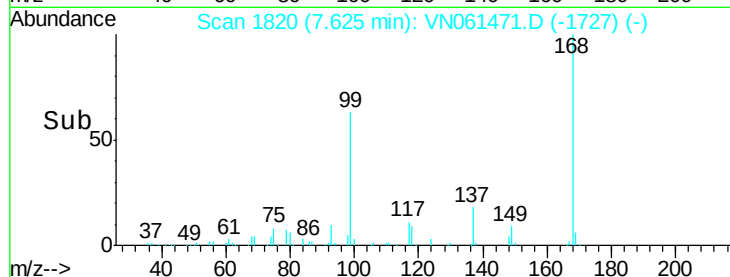
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 3.614 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN061471.D

Acq: 19 May 2020 9:39

Tgt Ion: 84 Resp: 11430

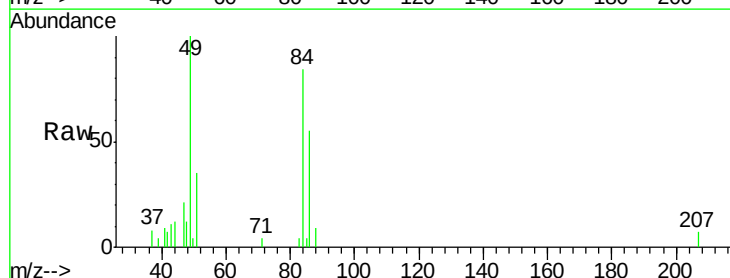
Ion Ratio Lower Upper

84 100

49 119.3 95.3 142.9

51 42.0 29.0 43.6

86 65.3 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

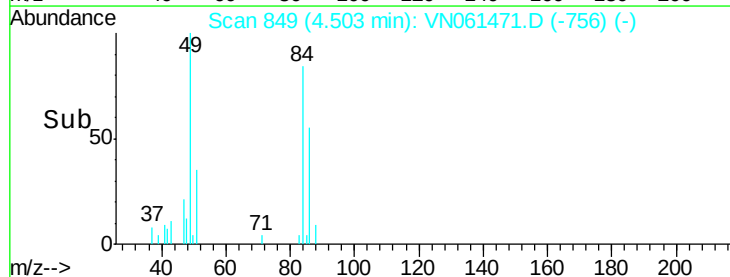
6000

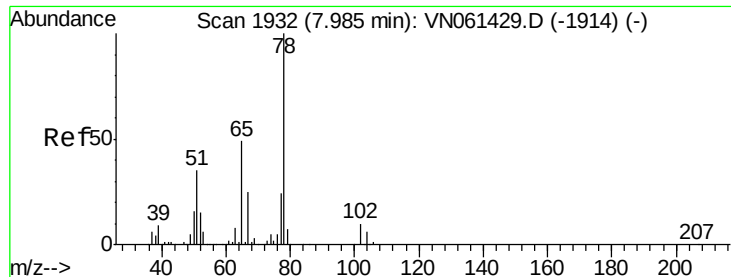
4000

2000

0

Time--> 4.40 4.45 4.50 4.55 4.60

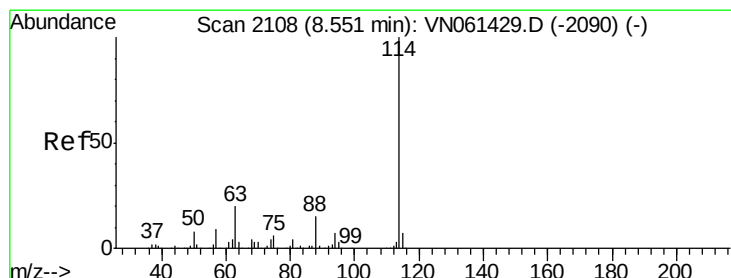
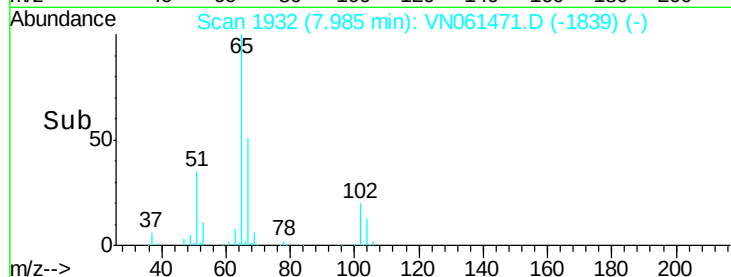
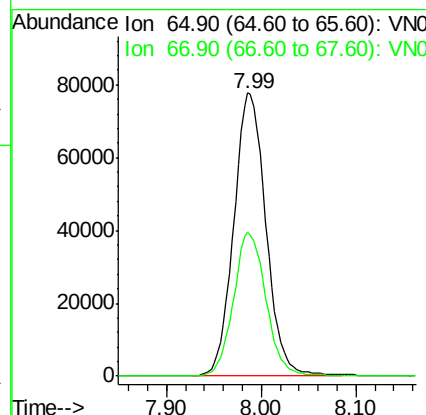
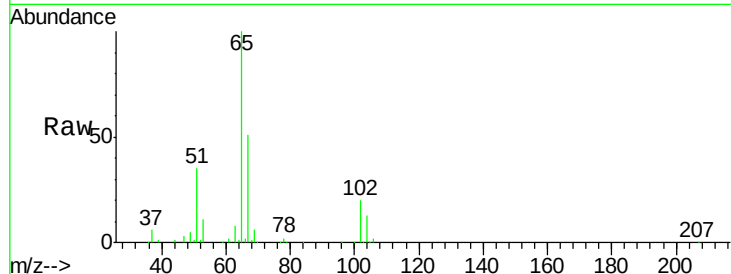




#33
 1,2-Dichloroethane-d4
 Concen: 47.715 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN061471.D
 Acq: 19 May 2020 9:39

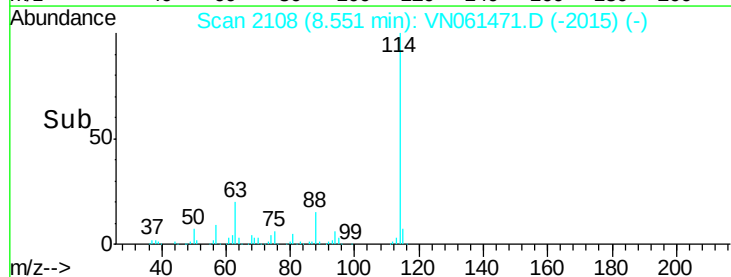
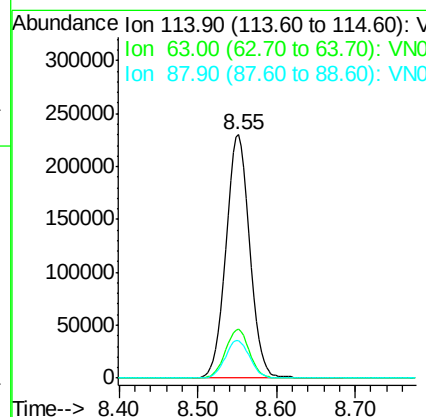
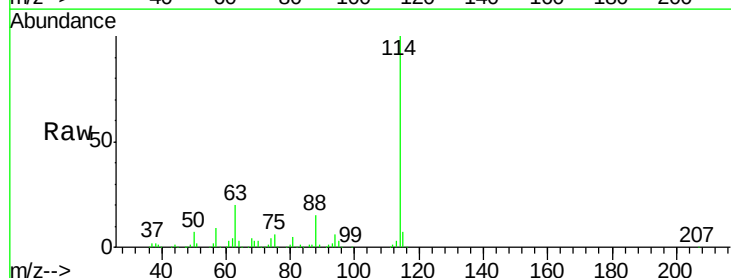
Instrument :
 MSVOA_N
 ClientSampleId :
 PB128896TB

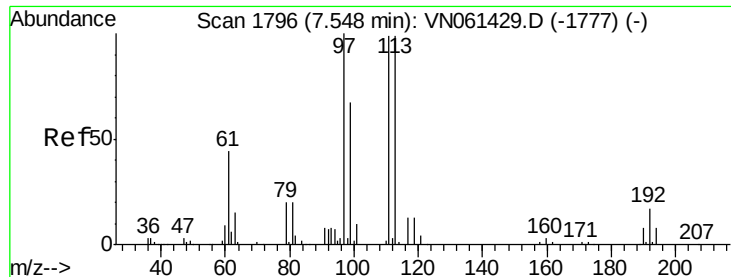
Tot Ion: 65 Resp: 183597
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061471.D
 Acq: 19 May 2020 9:39

Tgt Ion: 114 Resp: 478167
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 15.3 0.0 30.8

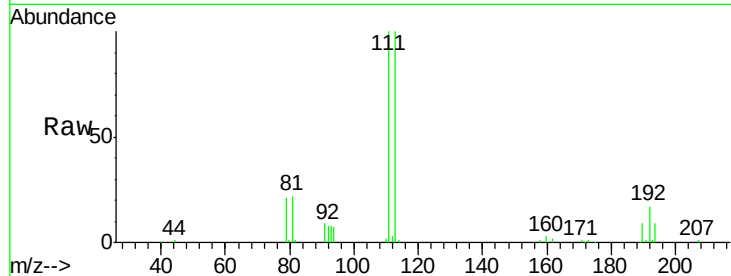




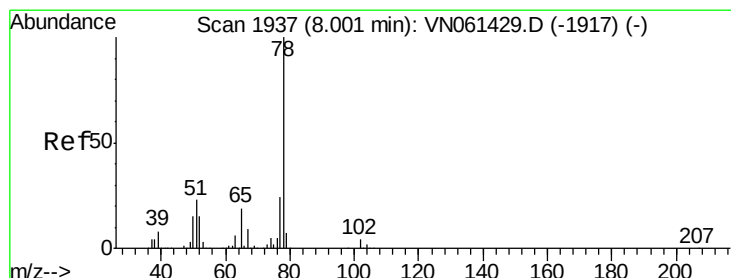
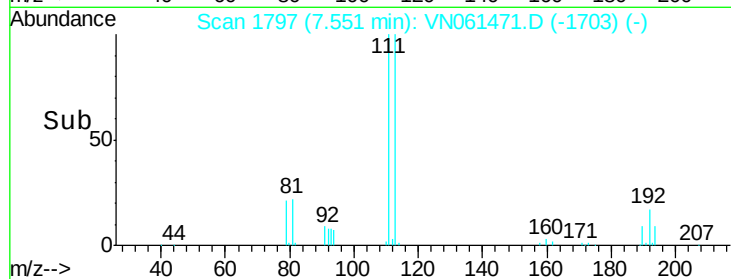
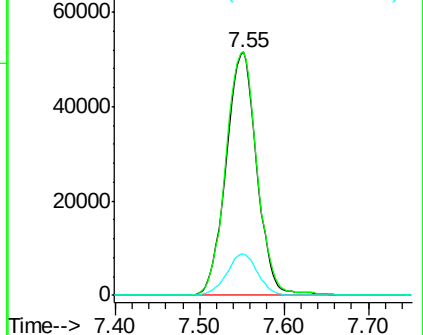
#35
 Dibromofluoromethane
 Concen: 52.167 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061471.D
 Acq: 19 May 2020 9:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128896TB

Tot Ion:113 Resp: 130678
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.6 121.0
 192 17.1 13.2 19.8

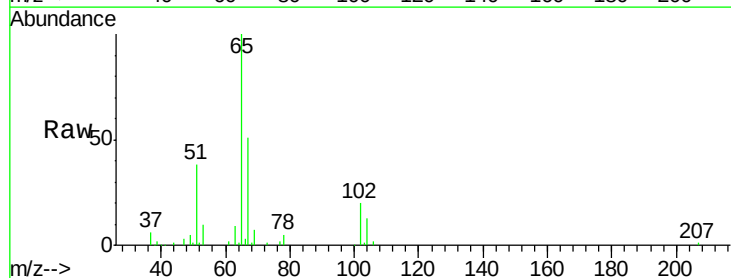


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

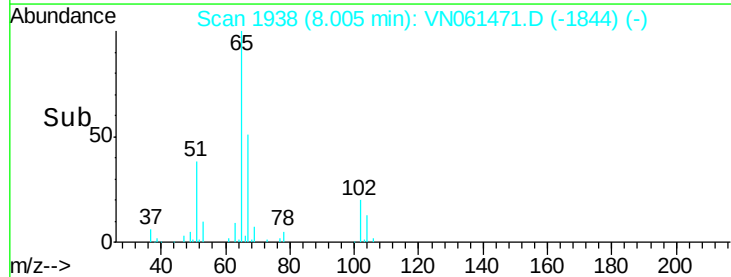
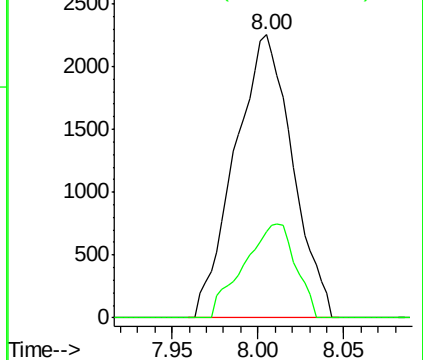


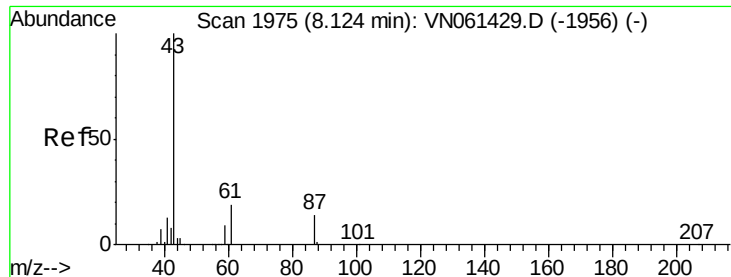
#40
 Benzene
 Concen: 0.390 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN061471.D
 Acq: 19 May 2020 9:39

Tgt Ion: 78 Resp: 5252
 Ion Ratio Lower Upper
 78 100
 77 30.4 19.1 28.7#



Abundance Ion 78.00 (77.70 to 78.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0

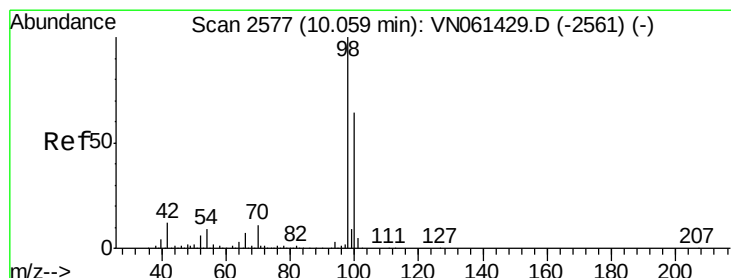
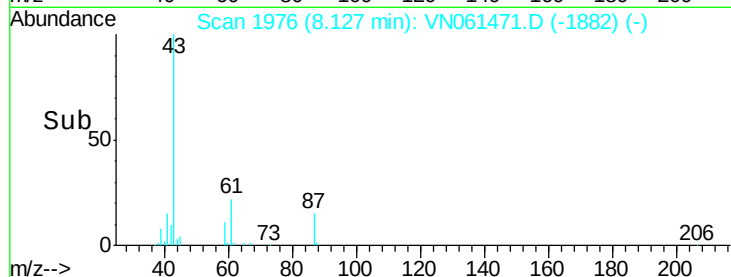
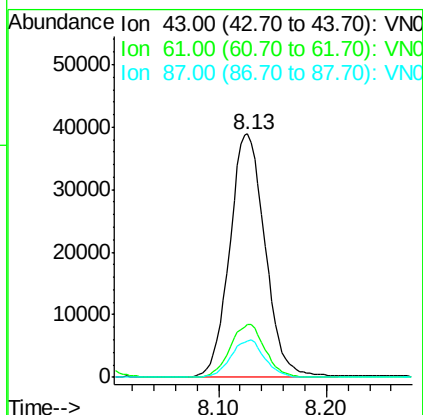
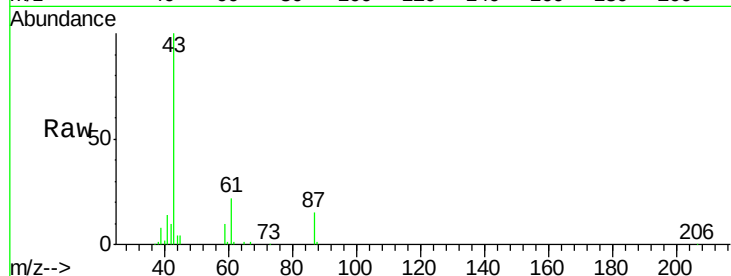




#43
Isopropyl Acetate
Concen: 12.600 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061471.D
Acq: 19 May 2020 9:39

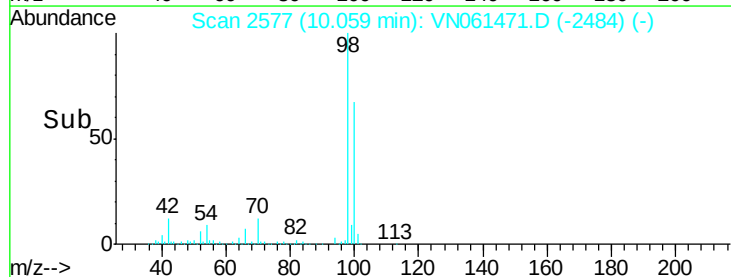
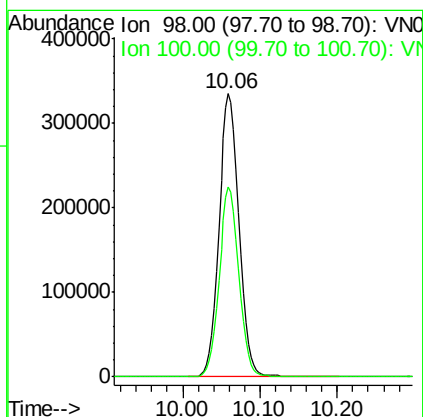
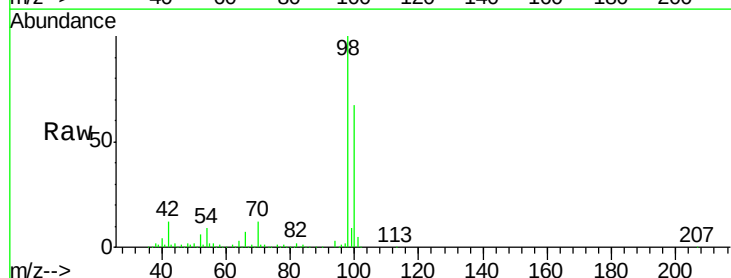
Instrument :
MSVOA_N
ClientSampled :
PB128896TB

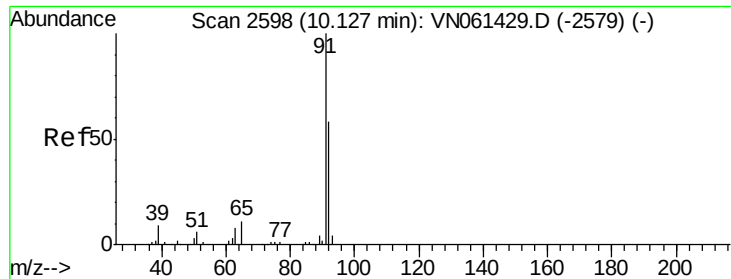
Tot Ion	43	Resp	89110
Ion Ratio	Lower	Upper	
43	100		
61	21.2	23.0	34.4#
87	14.6	11.6	17.4



#50
Toluene-d8
Concen: 52.198 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061471.D
Acq: 19 May 2020 9:39

Tgt Ion	98	Resp	606475
Ion Ratio	Lower	Upper	
98	100		
100	66.0	51.8	77.8





#52

Toluene

Concen: 1.496 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061471.D

Acq: 19 May 2020 9:39

Instrument :

MSVOA_N

ClientSampled :

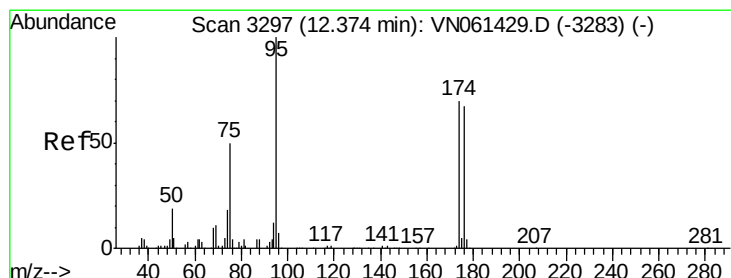
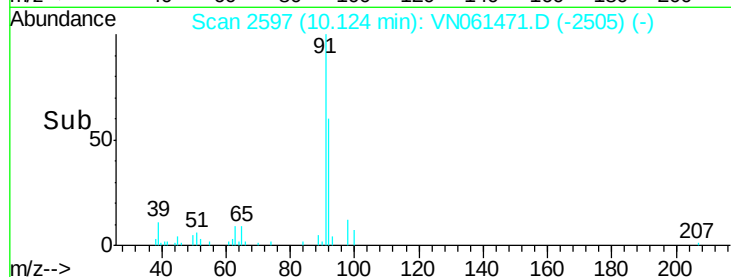
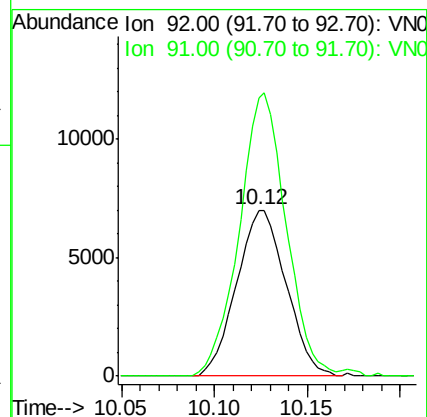
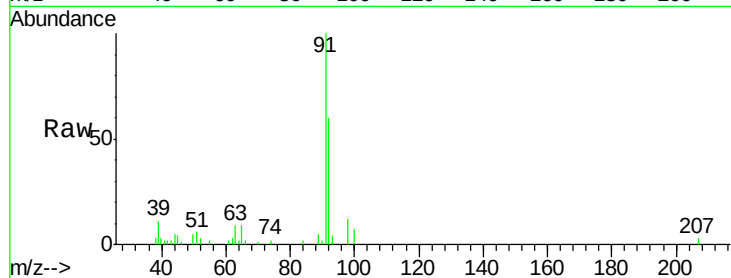
PB128896TB

Tot Ion: 92 Resp: 12937

Ion Ratio Lower Upper

92 100

91 161.5 138.0 207.0



#62

4-Bromofluorobenzene

Concen: 53.938 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061471.D

Acq: 19 May 2020 9:39

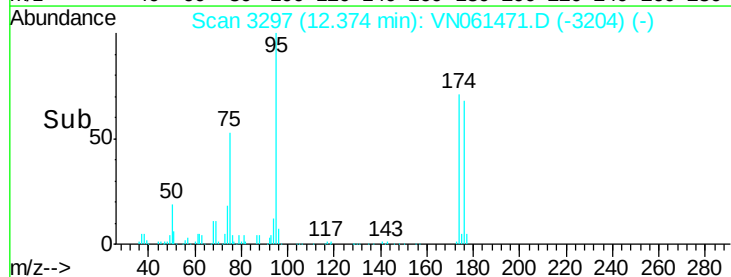
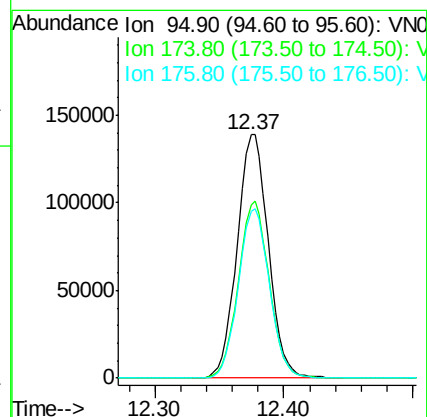
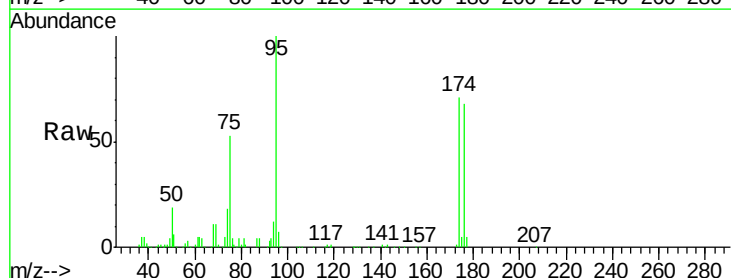
Tgt Ion: 95 Resp: 234138

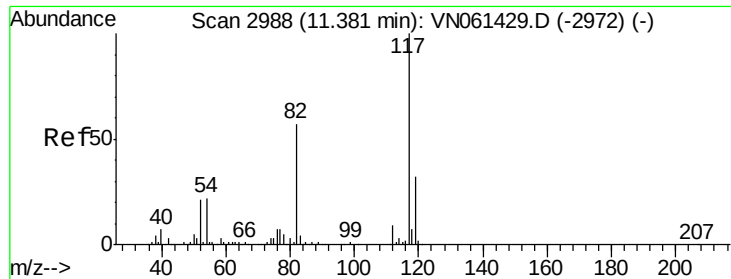
Ion Ratio Lower Upper

95 100

174 71.8 0.0 141.2

176 69.3 0.0 137.6

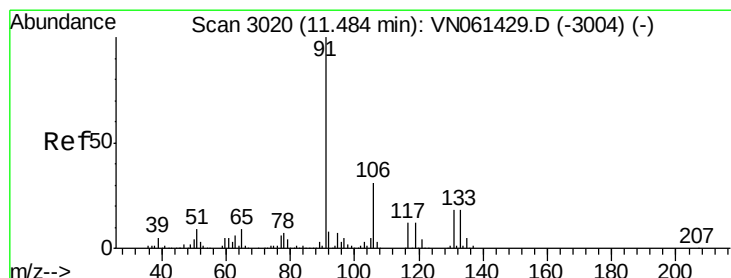
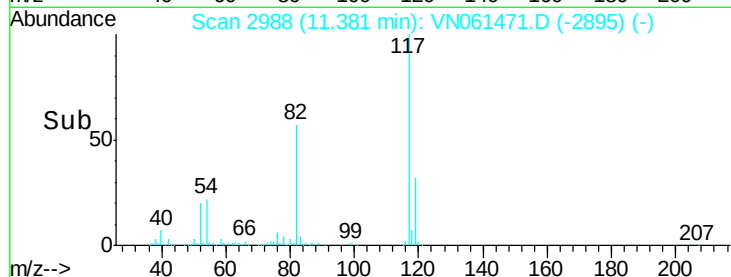
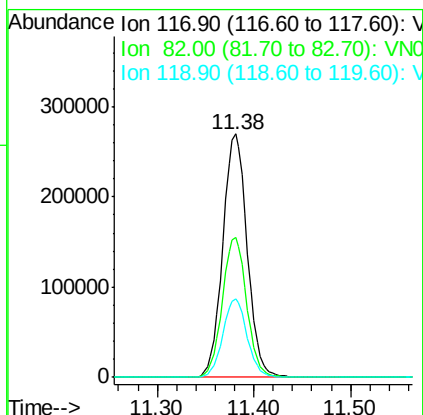
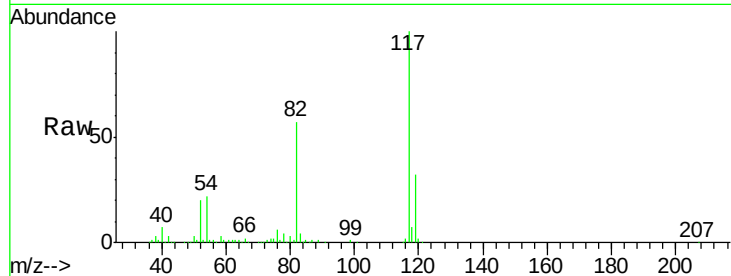




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061471.D
Acq: 19 May 2020 9:39

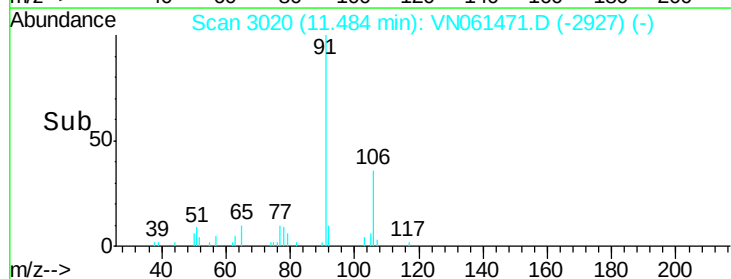
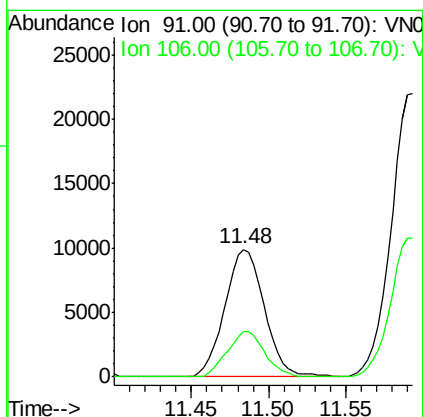
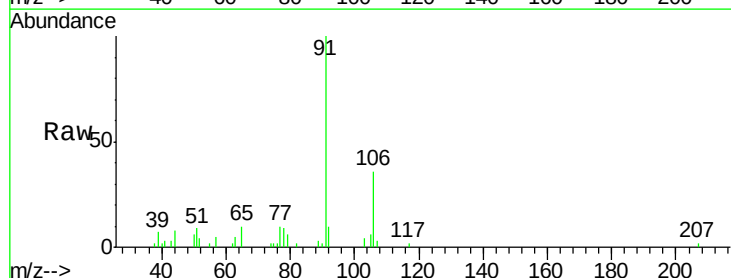
Instrument :
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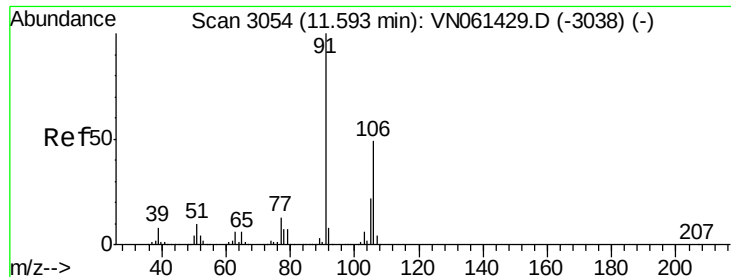
Tot Ion:117 Resp: 472581
Ion Ratio Lower Upper
117 100
82 57.4 45.2 67.8
119 32.3 25.3 37.9



#67
Ethyl Benzene
Concen: 0.998 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061471.D
Acq: 19 May 2020 9:39

Tgt Ion: 91 Resp: 17554
Ion Ratio Lower Upper
91 100
106 35.7 24.6 36.8

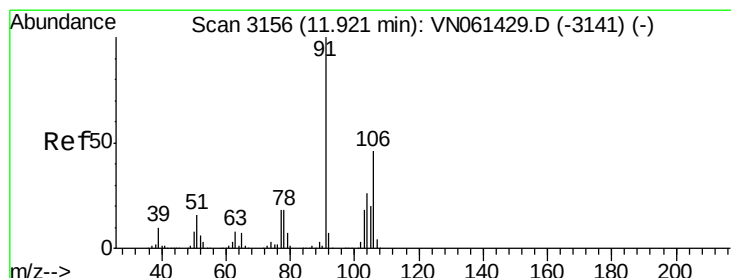
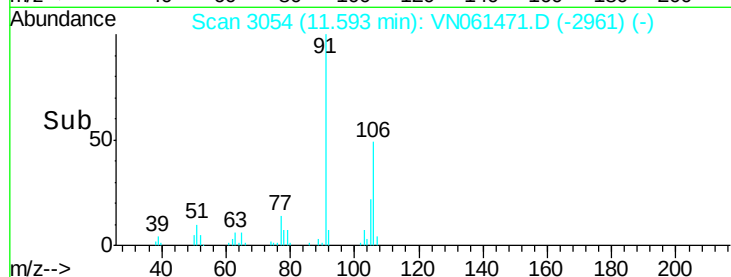
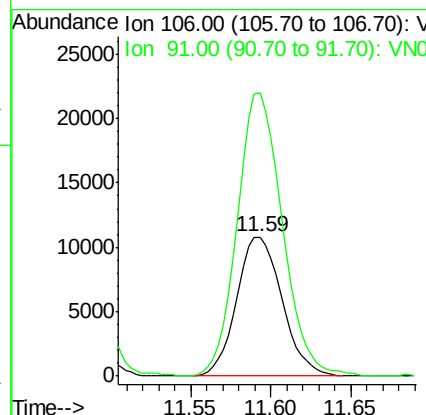
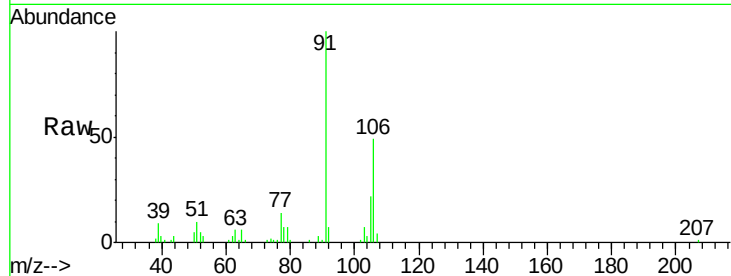




#68
m/p-Xylenes
Concen: 3.137 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061471.D
Acq: 19 May 2020 9:39

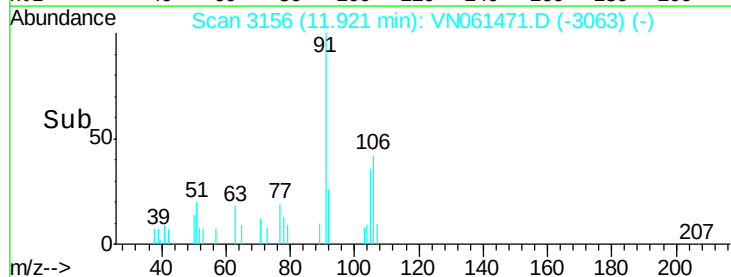
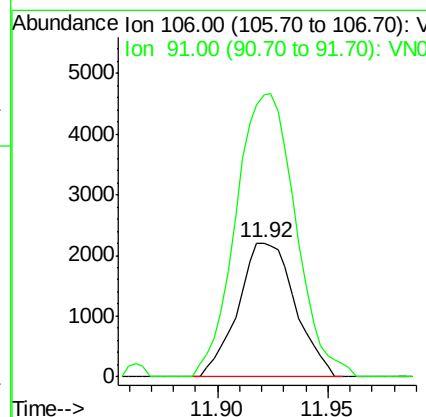
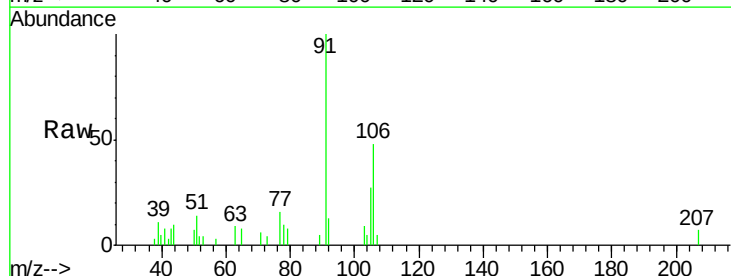
Instrument :
MSVOA_N
ClientSampled :
PB128896TB

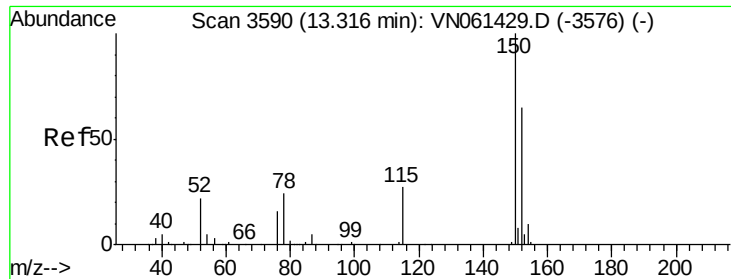
Tot Ion:106 Resp: 20948
Ion Ratio Lower Upper
106 100
91 202.3 163.0 244.6



#69
o-Xylene
Concen: 0.612 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061471.D
Acq: 19 May 2020 9:39

Tgt Ion:106 Resp: 3954
Ion Ratio Lower Upper
106 100
91 222.1 107.9 323.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061471.D

Acq: 19 May 2020 9:39

Instrument :

MSVOA_N

ClientSampled :

PB128896TB

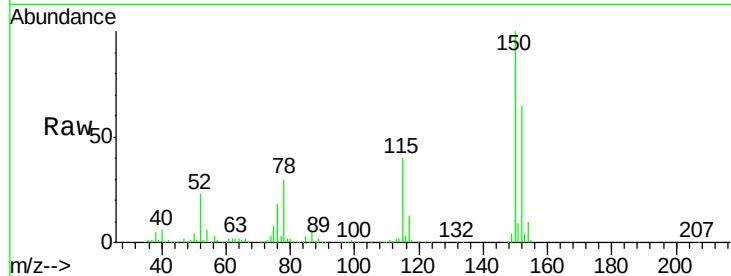
Tot Ion:152 Resp: 209659

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.5

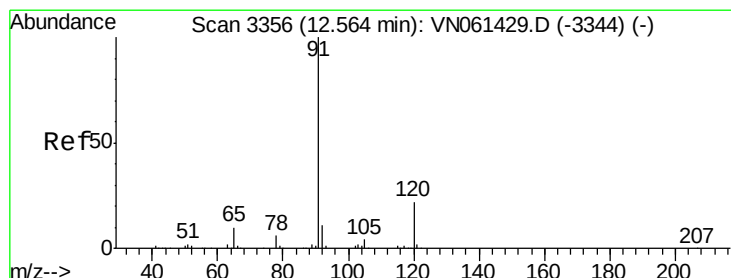
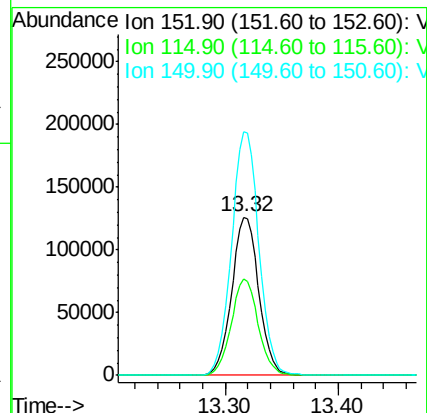
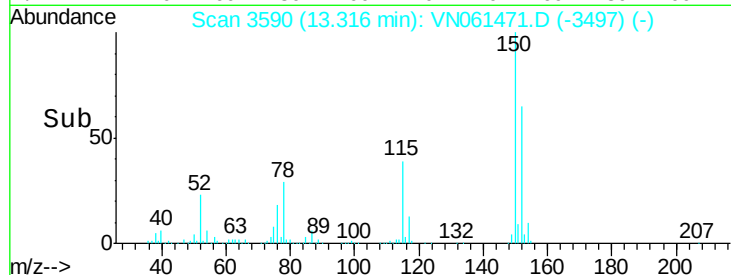
150 155.4 0.0 349.2



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



#78

n-propylbenzene

Concen: 0.223 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061471.D

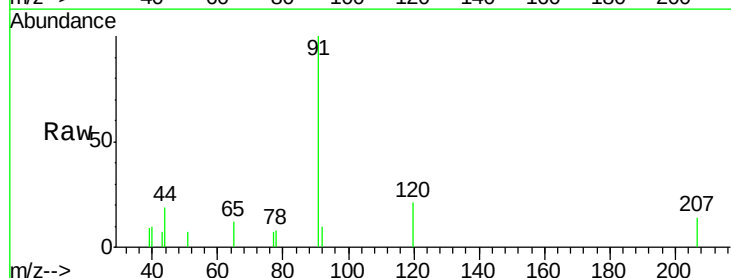
Acq: 19 May 2020 9:39

Tgt Ion: 91 Resp: 4285

Ion Ratio Lower Upper

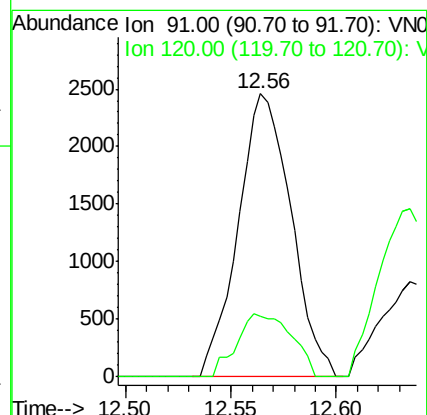
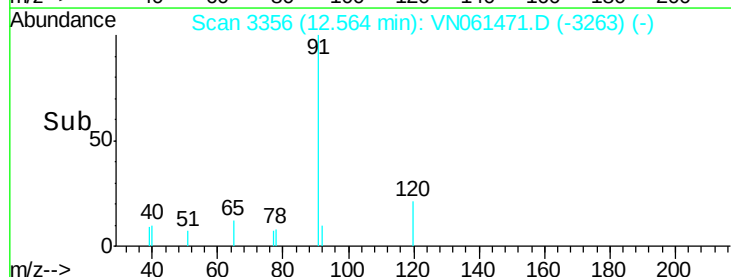
91 100

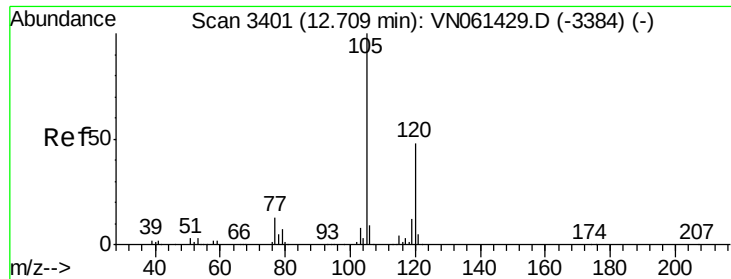
120 22.9 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.315 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061471.D

Acq: 19 May 2020 9:39

Instrument :

MSVOA_N

ClientSampled :

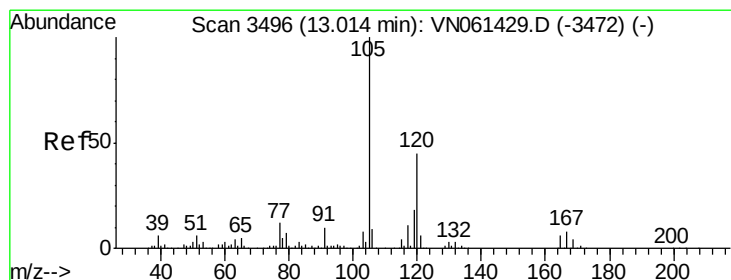
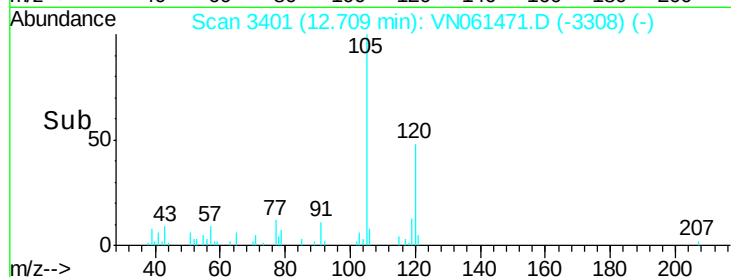
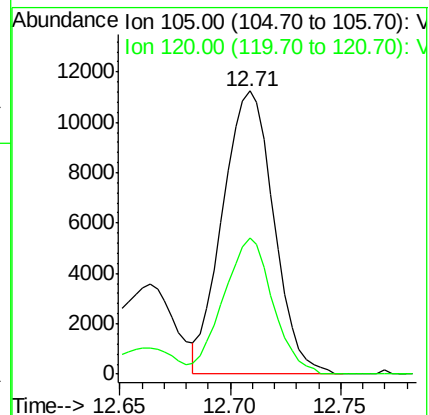
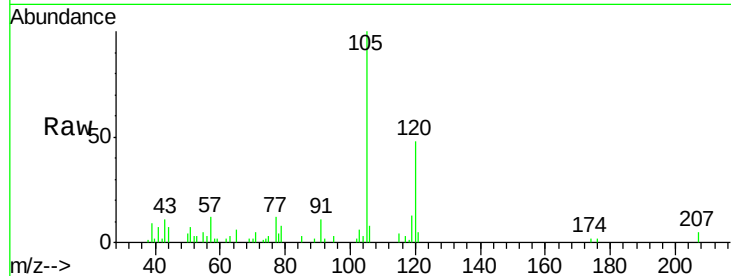
PB128896TB

Tot Ion:105 Resp: 18126

Ion Ratio Lower Upper

105 100

120 46.5 24.1 72.4



#84

1,2,4-Trimethylbenzene

Concen: 1.067 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.00 min

Lab File: VN061471.D

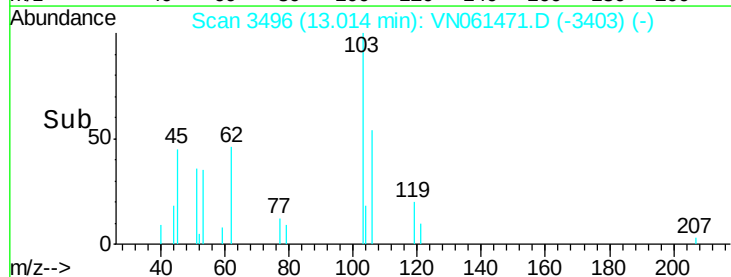
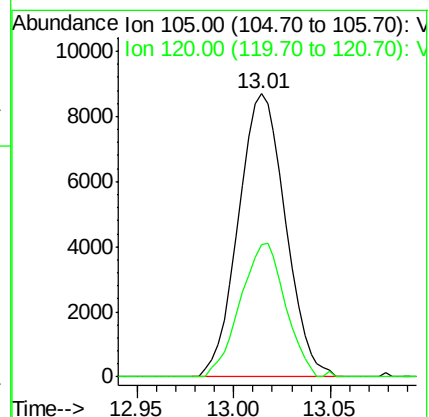
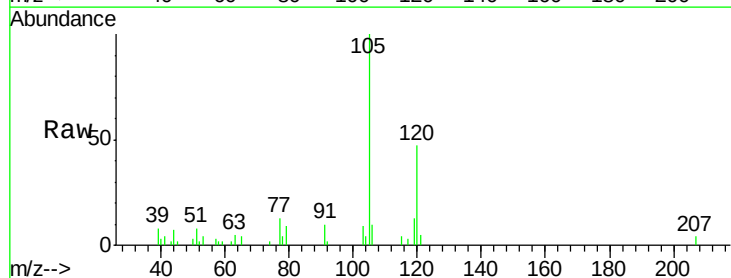
Acq: 19 May 2020 9:39

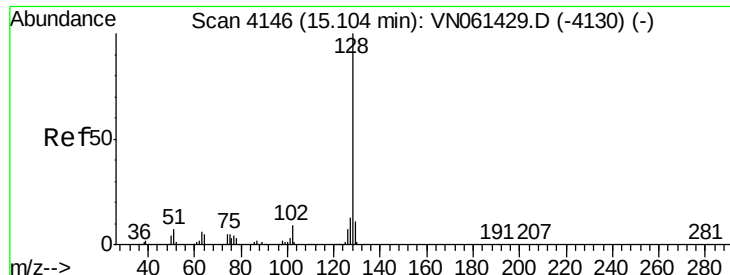
Tgt Ion:105 Resp: 14716

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.3





#95

Naphthalene

Concen: 1.103 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061471.D

Acq: 19 May 2020 9:39

Instrument :

MSVOA_N

ClientSampleId :

PB128896TB

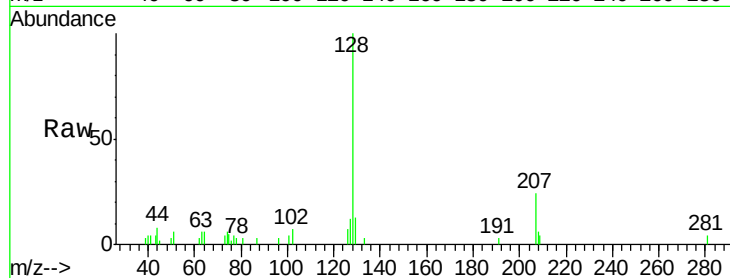
Tot Ion:128 Resp: 12188

Ion Ratio Lower Upper

128 100

127 10.2 10.1 15.1

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

