

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061469.D
 Acq On : 19 May 2020 8:53
 Operator : JC/MD
 Sample : L2671-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS052MW128-200514

Quant Time: May 19 11:49:16 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	318951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	568360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	547909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	245423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211112	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
35) Dibromofluoromethane	7.55	113	163279	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
50) Toluene-d8	10.06	98	700518	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.38	95	272279	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

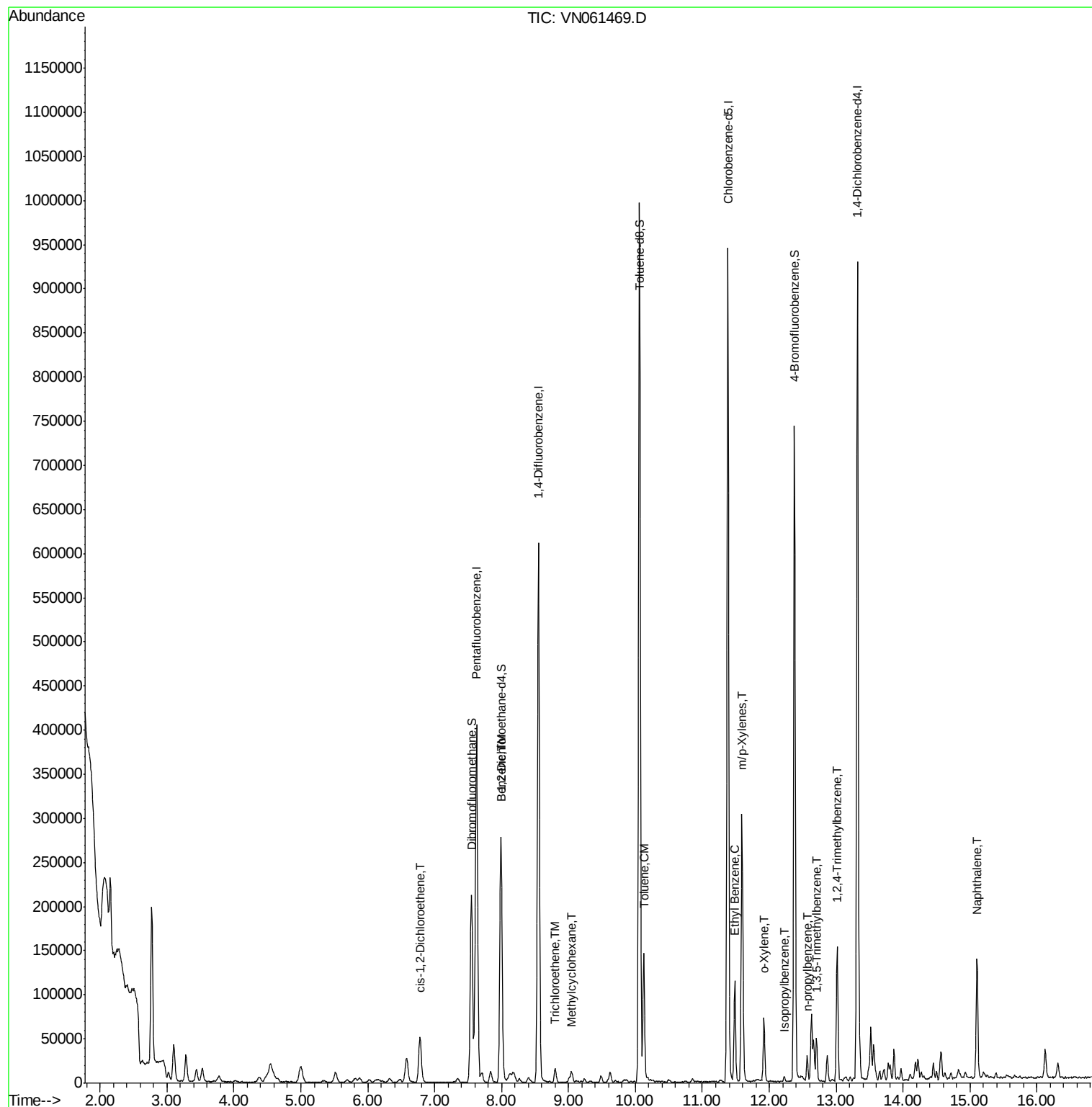
						Qvalue
27) cis-1,2-Dichloroethene	6.78	96	34166	7.672	ug/l	86
39) Methylcyclohexane	9.05	83	6064	0.934	ug/l #	93
40) Benzene	8.00	78	57928	3.617	ug/l	99
44) Trichloroethene	8.80	130	5431	1.294	ug/l	92
52) Toluene	10.13	92	65941	6.413	ug/l	97
67) Ethyl Benzene	11.48	91	87804	4.305	ug/l	99
68) m/p-Xylenes	11.59	106	102390	13.226	ug/l	99
69) o-Xylene	11.92	106	20778	2.774	ug/l	99
73) Isopropylbenzene	12.22	105	4657	0.236	ug/l	95
78) n-propylbenzene	12.57	91	24054	1.072	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	22205	1.376	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	87967	5.449	ug/l	99
95) Naphthalene	15.10	128	118396	9.150	ug/l	99

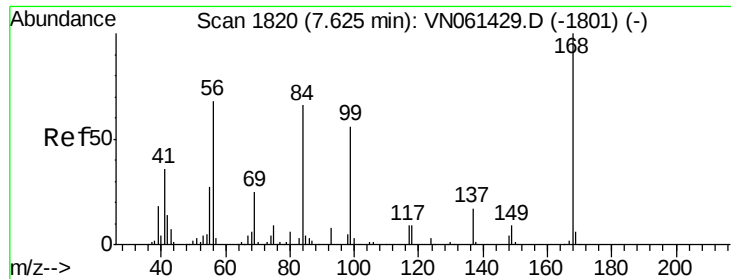
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

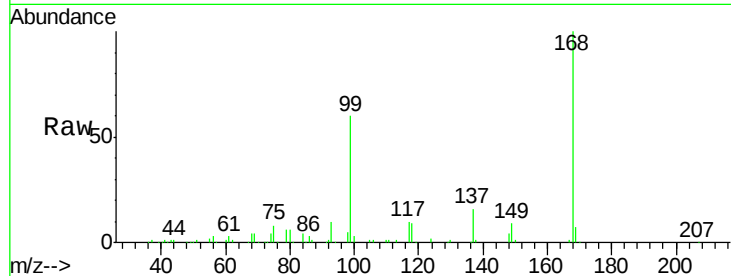
SS052MW128-200514

Tot Ion:168 Resp: 318951

Ion Ratio Lower Upper

168 100

99 60.3 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

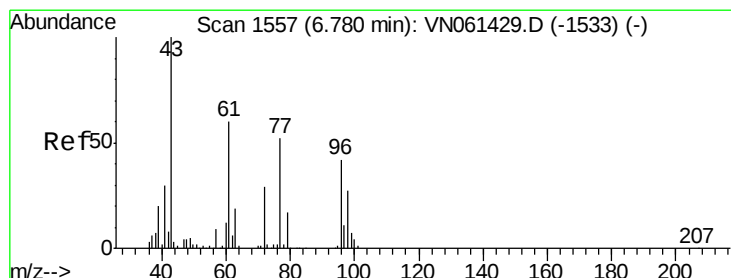
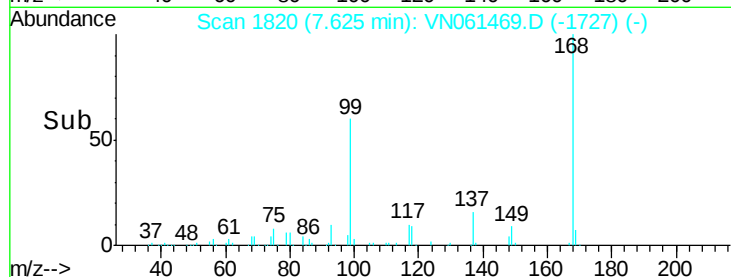
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#27

cis-1,2-Dichloroethene

Concen: 7.672 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

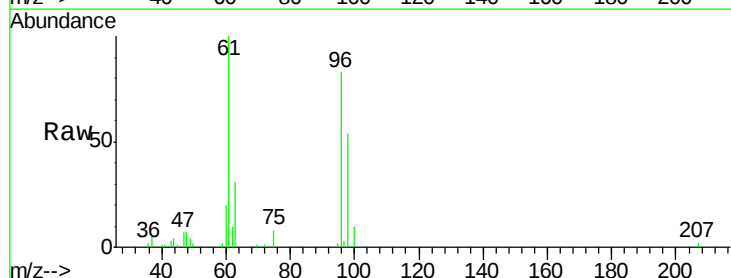
Tgt Ion: 96 Resp: 34166

Ion Ratio Lower Upper

96 100

61 121.8 0.0 294.2

98 64.4 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

6.78

20000

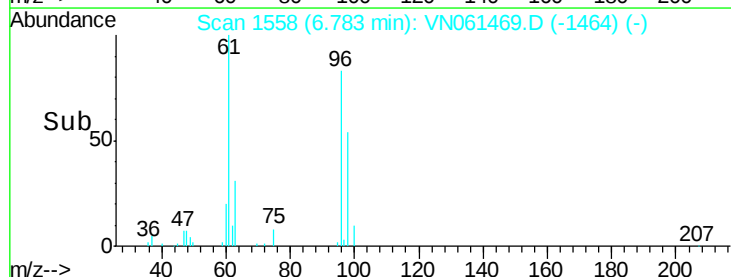
15000

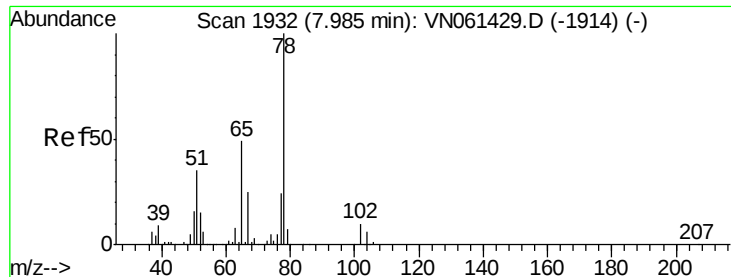
10000

5000

0

Time--> 6.70 6.75 6.80 6.85





#33

1,2-Dichloroethane-d4

Concen: 44.349 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

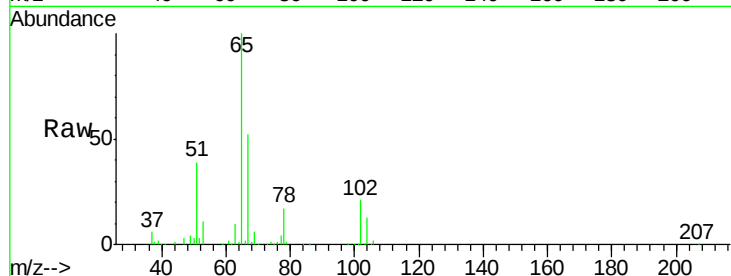
SS052MW128-200514

Tot Ion: 65 Resp: 211112

Ion Ratio Lower Upper

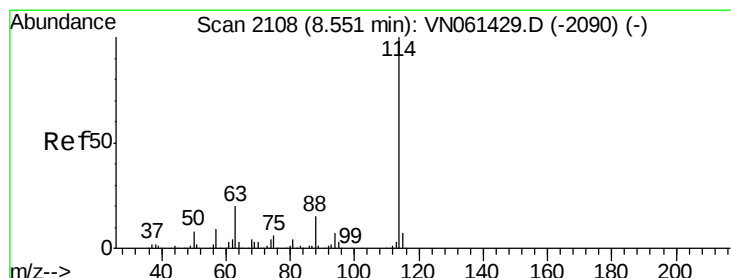
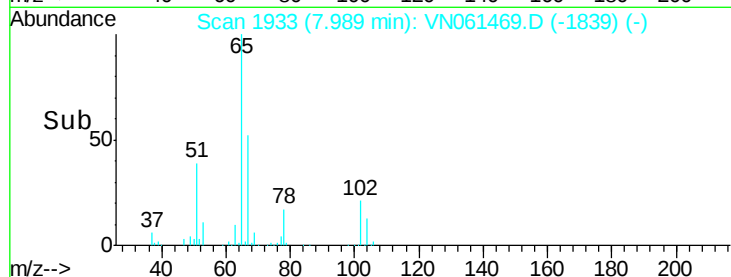
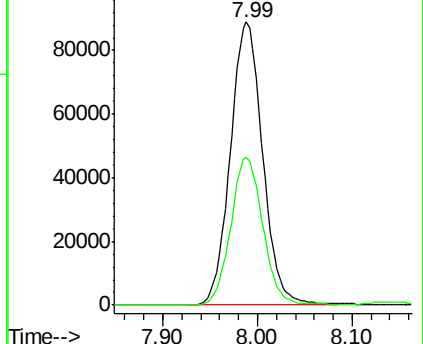
65 100

67 51.6 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN061469.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN061469.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

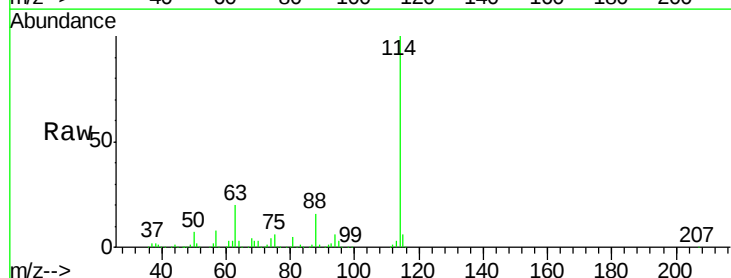
Tgt Ion: 114 Resp: 568360

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

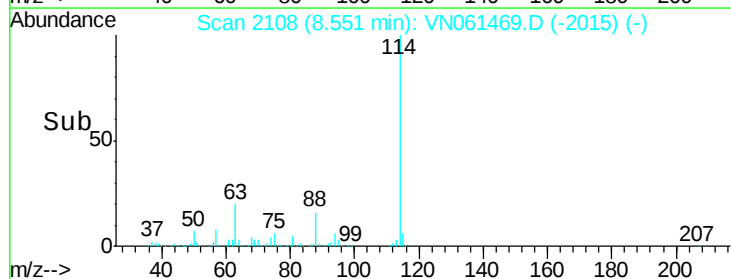
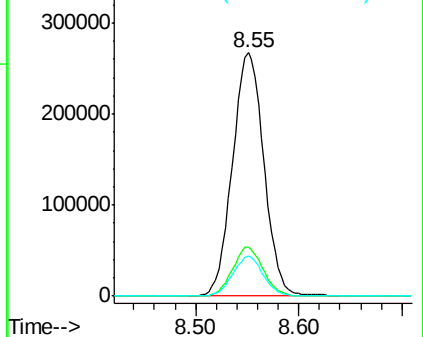
88 16.3 0.0 30.8

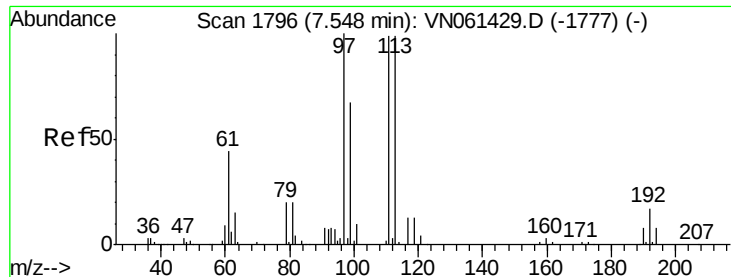


Abundance Ion 113.90 (113.60 to 114.60): VN061469.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN061469.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN061469.D (-2015) (-)

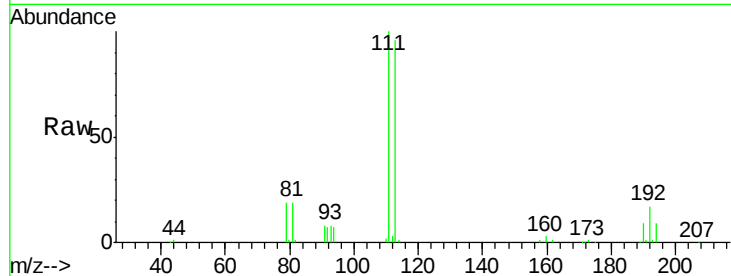




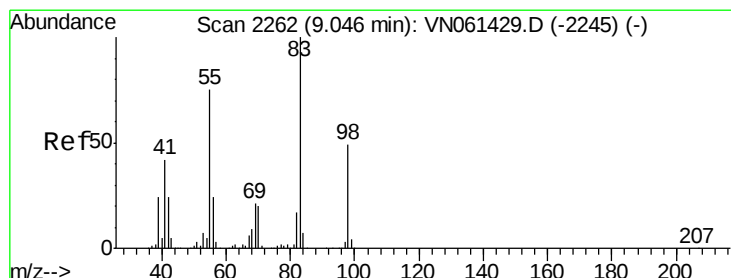
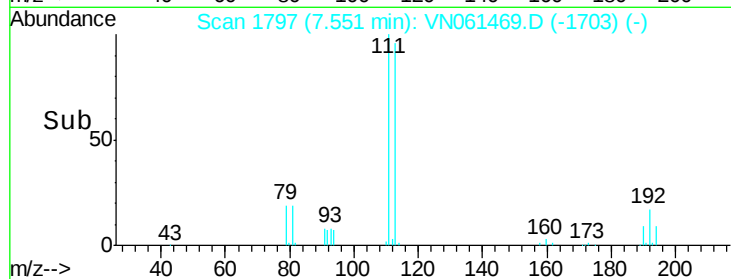
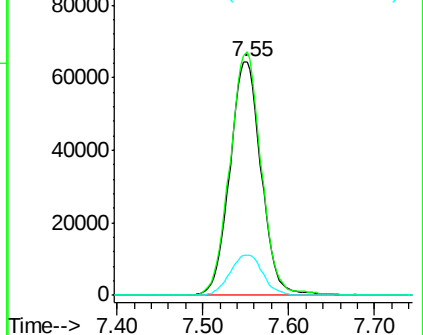
#35
 Dibromofluoromethane
 Concen: 54.838 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 SS052MW128-200514

Tot Ion:113 Resp: 163279
 Ion Ratio Lower Upper
 113 100
 111 104.4 80.6 121.0
 192 18.1 13.2 19.8

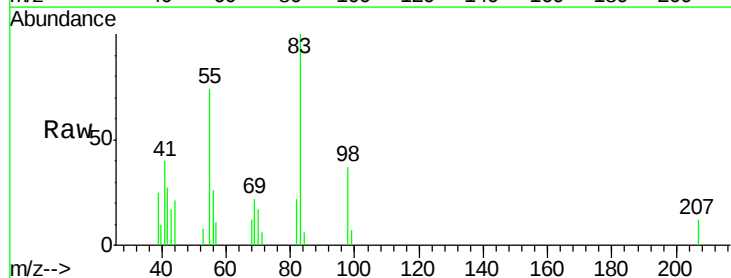


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

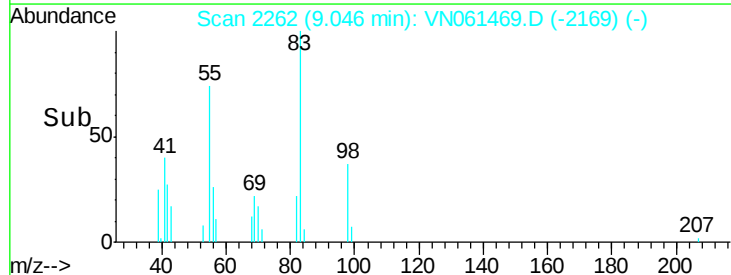
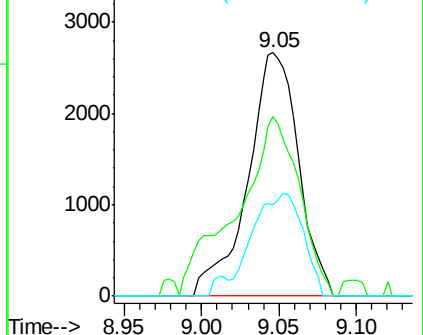


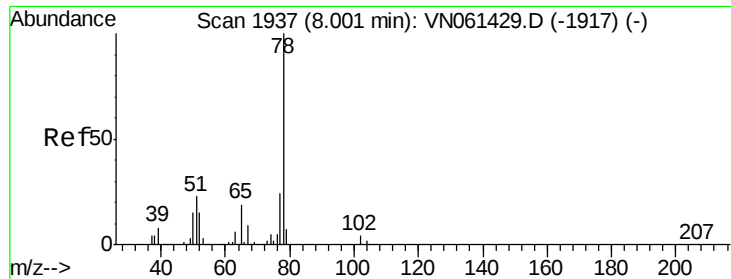
#39
 Methylcyclohexane
 Concen: 0.934 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

Tgt Ion: 83 Resp: 6064
 Ion Ratio Lower Upper
 83 100
 55 73.7 59.7 89.5
 98 37.3 38.9 58.3#



Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 3.617 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

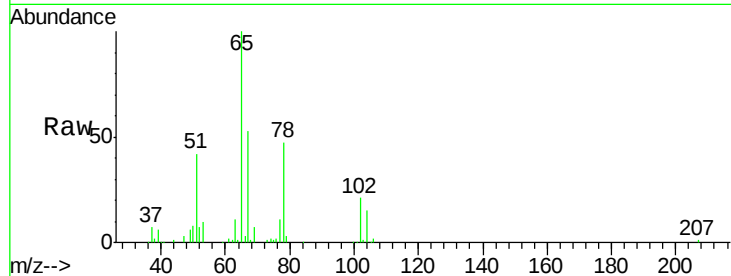
SS052MW128-200514

Tot Ion: 78 Resp: 57928

Ion Ratio Lower Upper

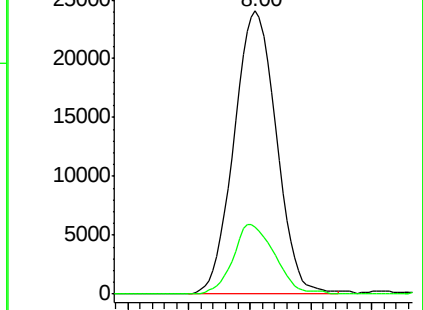
78 100

77 23.6 19.1 28.7

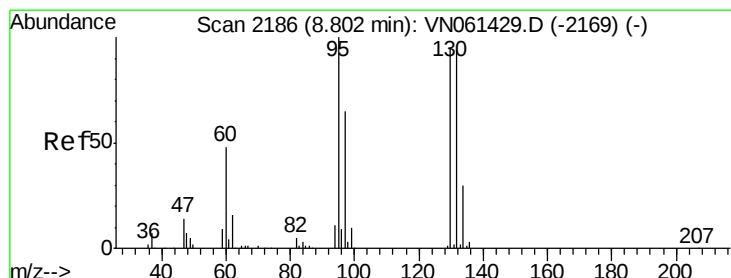
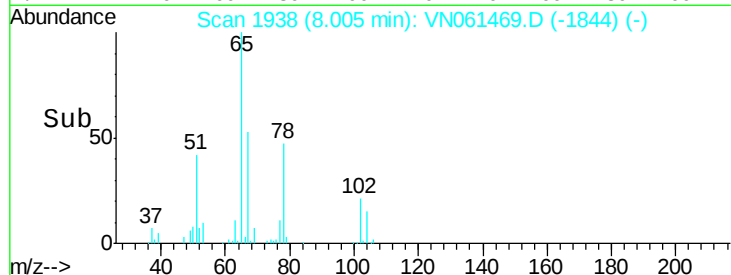


Abundance Ion 78.00 (77.70 to 78.70): VN061429.D (-1917) (-)

Ion 77.00 (76.70 to 77.70): VN061429.D (-1917) (-)



Time-->



#44

Trichloroethene

Concen: 1.294 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061469.D

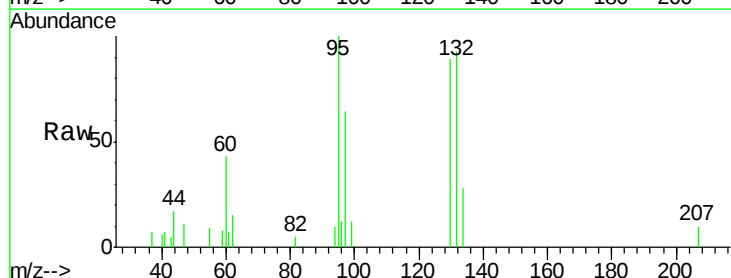
Acq: 19 May 2020 8:53

Tgt Ion: 130 Resp: 5431

Ion Ratio Lower Upper

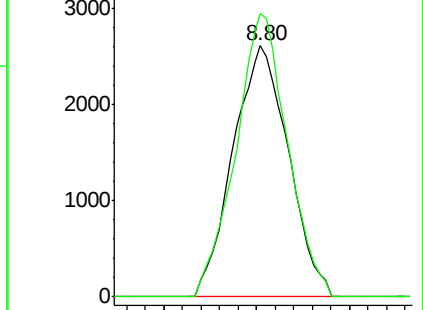
130 100

95 112.8 0.0 209.8

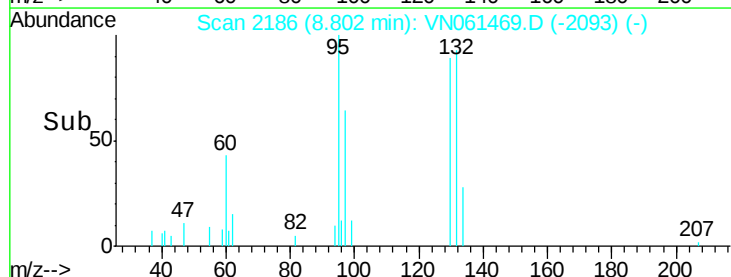


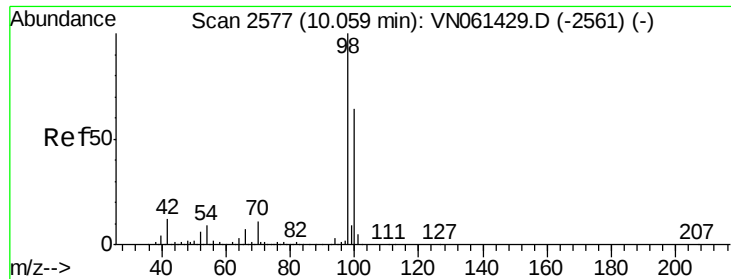
Abundance Ion 129.80 (129.50 to 130.50): VN061429.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061429.D (-2169) (-)



Time-->





#50

Toluene-d8

Concen: 50.724 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

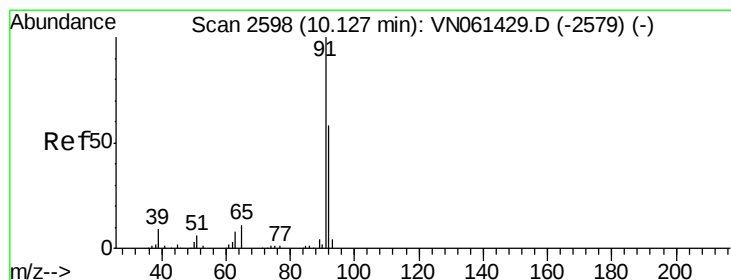
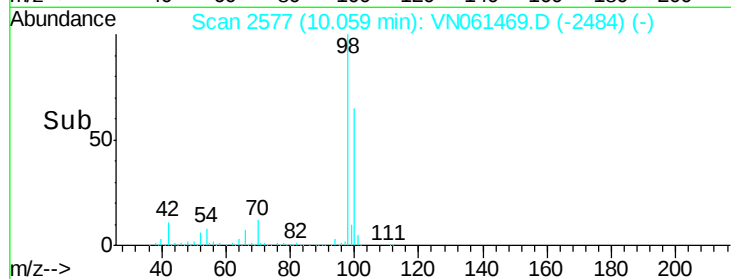
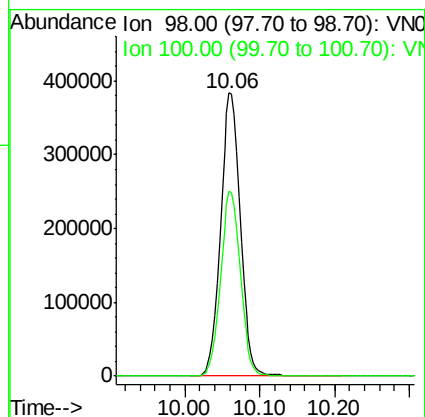
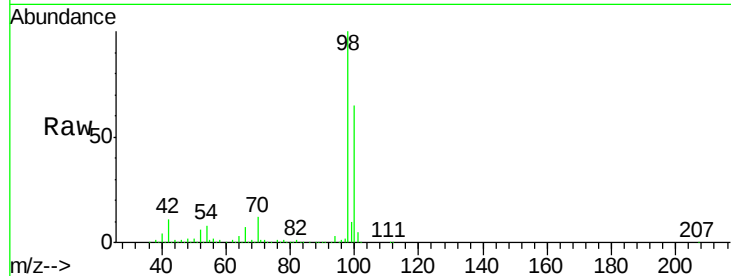
SS052MW128-200514

Tot Ion: 98 Resp: 700518

Ion Ratio Lower Upper

98 100

100 65.5 51.8 77.8



#52

Toluene

Concen: 6.413 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN061469.D

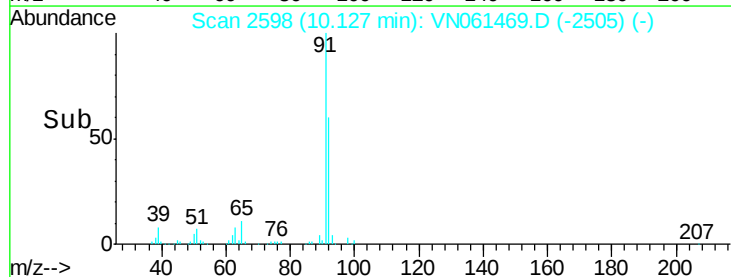
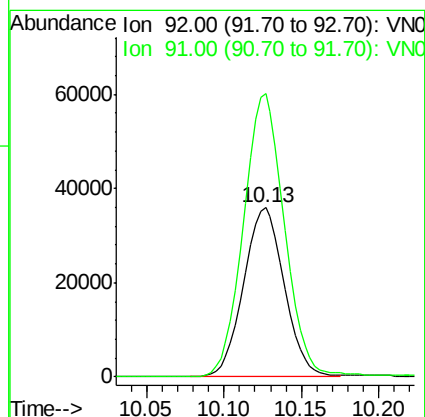
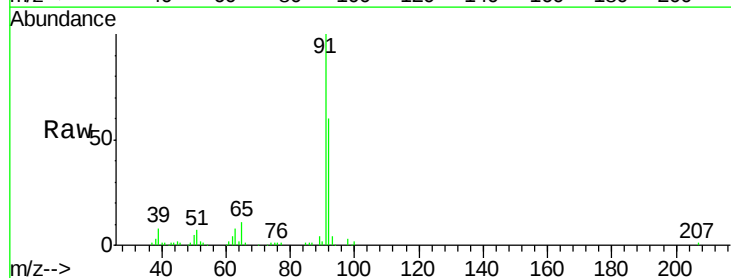
Acq: 19 May 2020 8:53

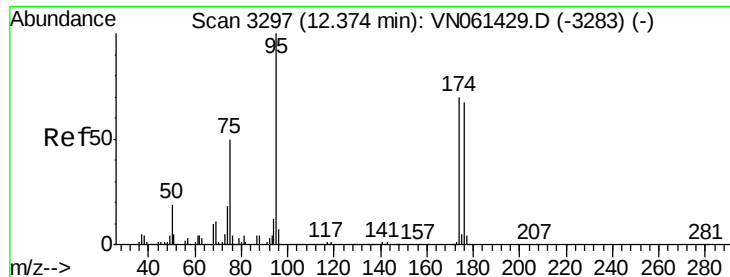
Tgt Ion: 92 Resp: 65941

Ion Ratio Lower Upper

92 100

91 168.4 138.0 207.0





#62

4-Bromofluorobenzene

Concen: 52.771 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

SS052MW128-200514

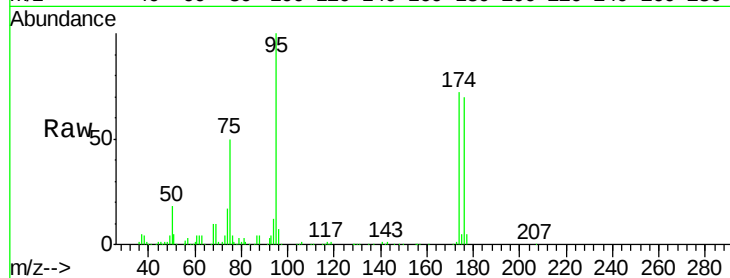
Tot Ion: 95 Resp: 272279

Ion Ratio Lower Upper

95 100

174 71.7 0.0 141.2

176 70.4 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) (-)

12.38

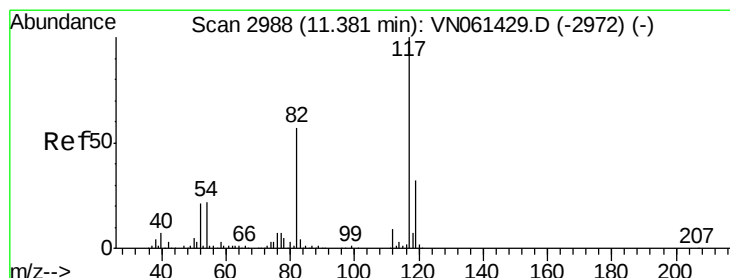
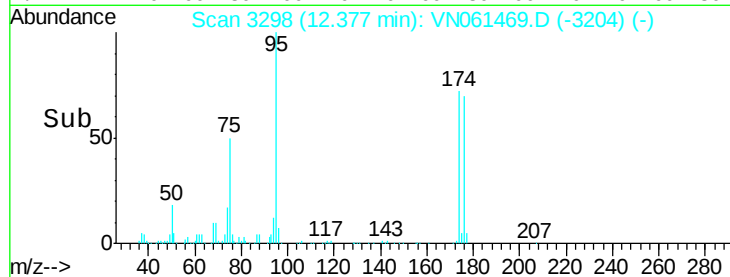
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

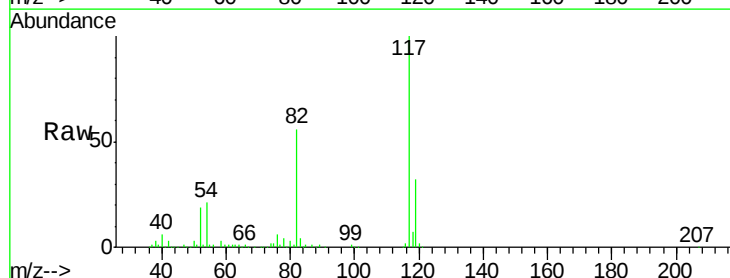
Tgt Ion: 117 Resp: 547909

Ion Ratio Lower Upper

117 100

82 55.8 45.2 67.8

119 32.2 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

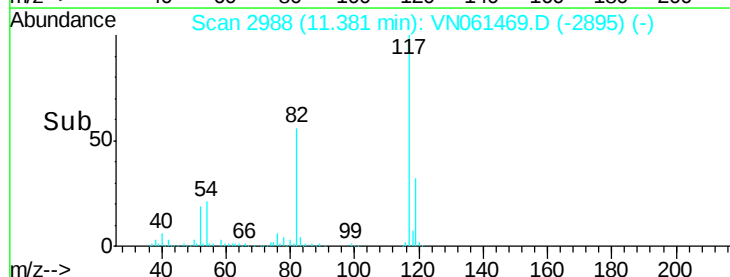
300000

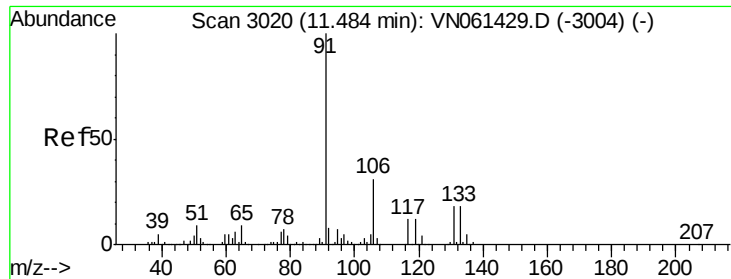
200000

100000

0

Time-->

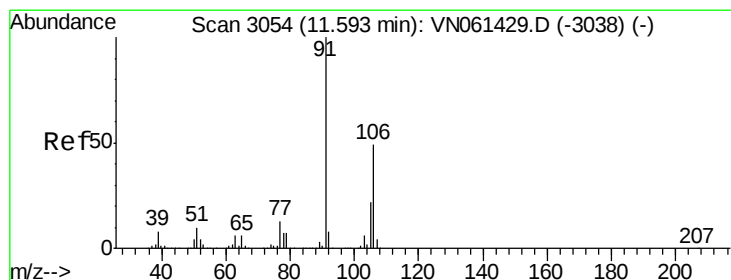
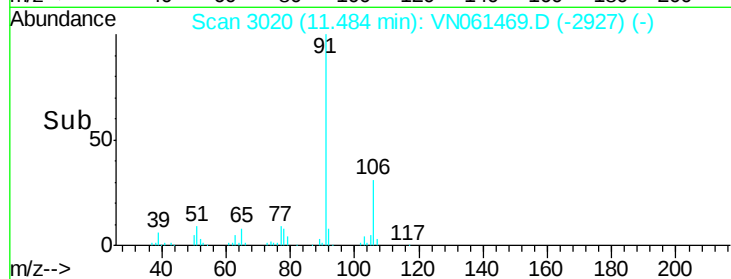
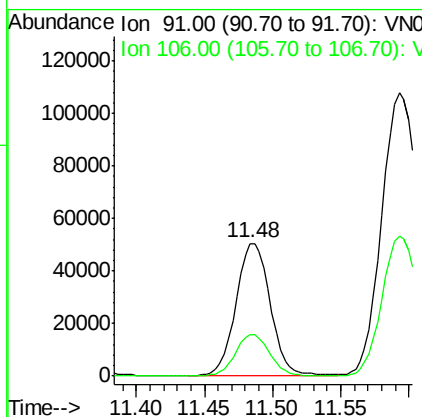
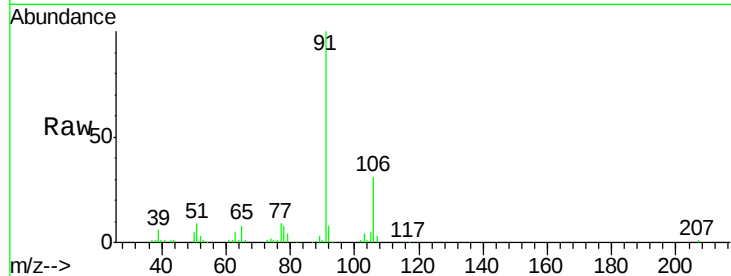




#67
Ethyl Benzene
Concen: 4.305 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

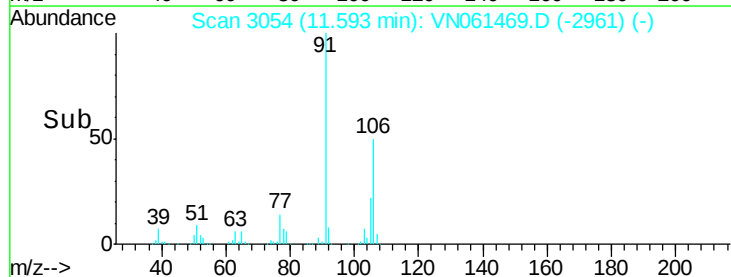
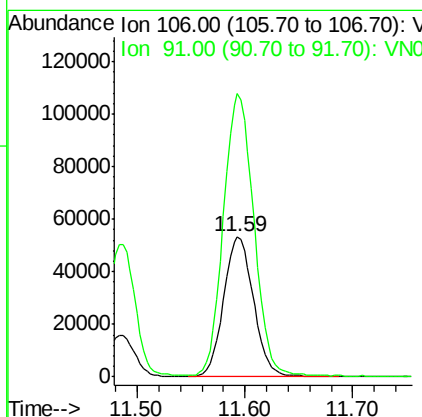
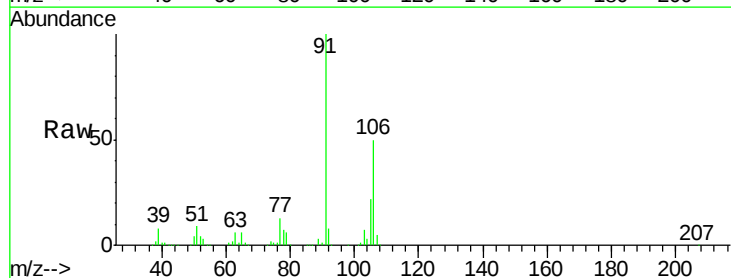
Instrument :
MSVOA_N
ClientSampleId :
SS052MW128-200514

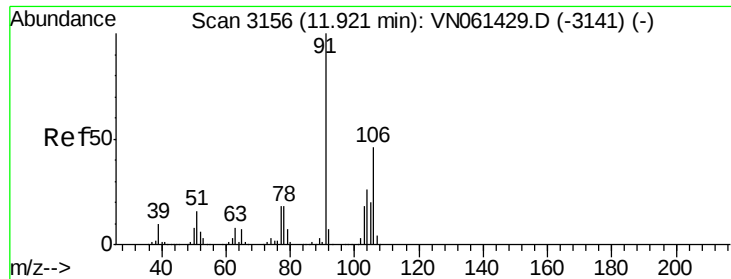
Tot Ion: 91 Resp: 87804
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 13.226 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

Tgt Ion: 106 Resp: 102390
Ion Ratio Lower Upper
106 100
91 205.1 163.0 244.6

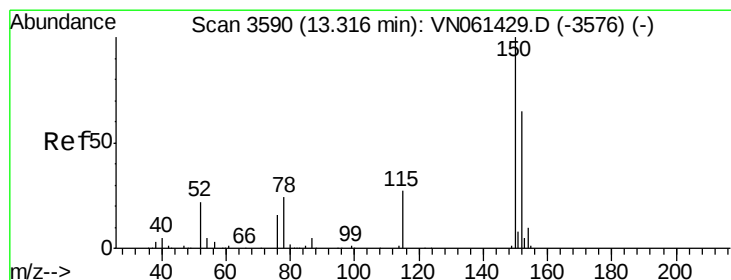
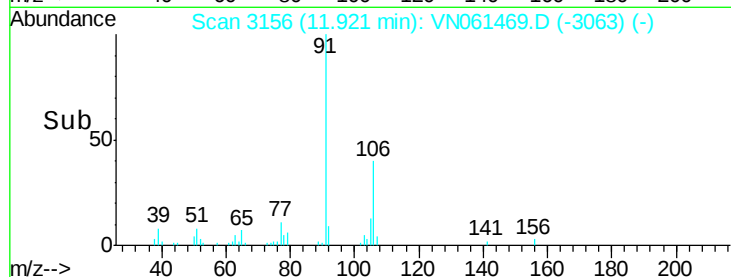
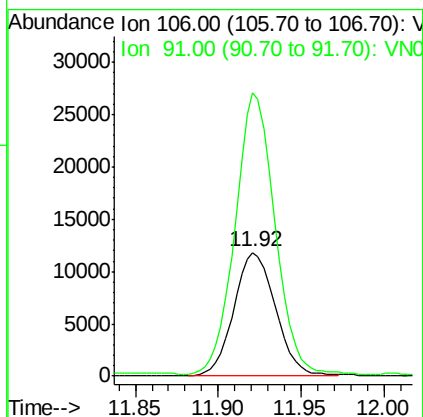
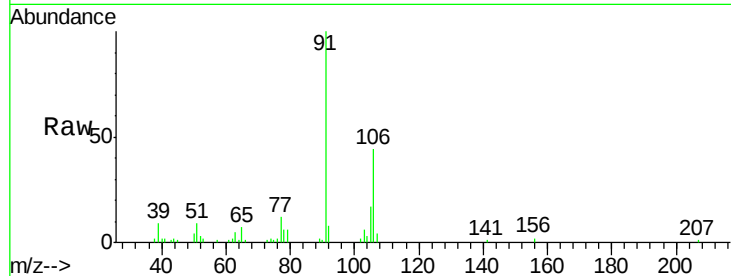




#69
o-Xylene
Concen: 2.774 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

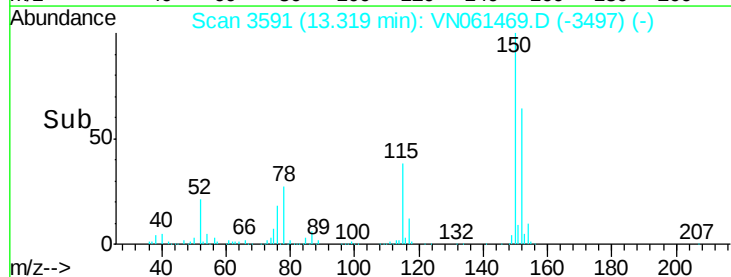
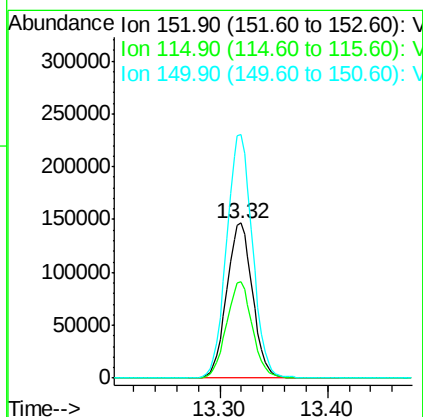
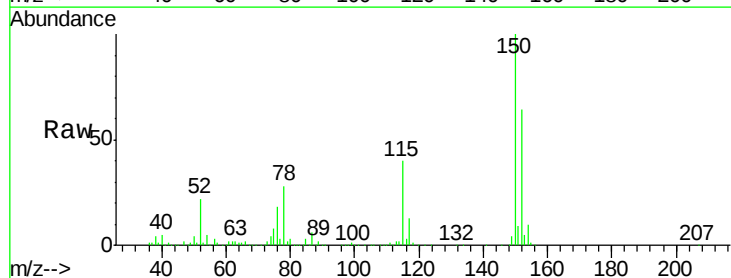
Instrument :
MSVOA_N
ClientSampleId :
SS052MW128-200514

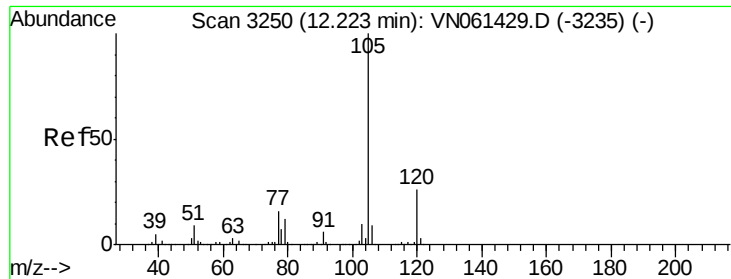
Tot Ion:106 Resp: 20778
Ion Ratio Lower Upper
106 100
91 214.9 107.9 323.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061469.D
Acq: 19 May 2020 8:53

Tgt Ion:152 Resp: 245423
Ion Ratio Lower Upper
152 100
115 62.0 30.9 92.5
150 157.2 0.0 349.2





#73

Isopropylbenzene

Concen: 0.236 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

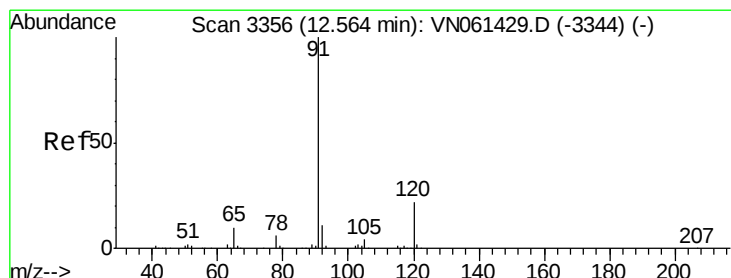
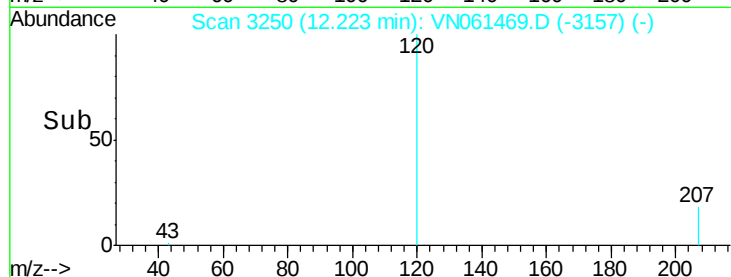
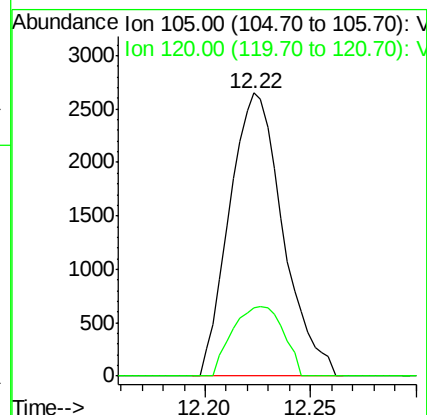
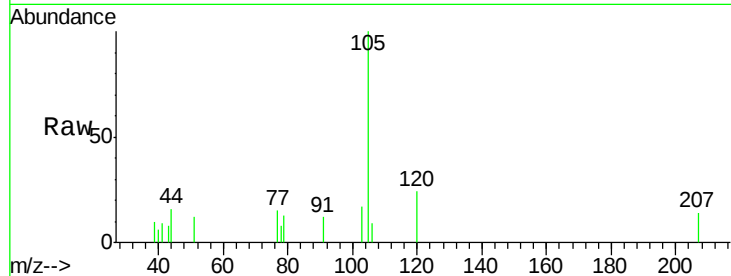
SS052MW128-200514

Tot Ion:105 Resp: 4657

Ion Ratio Lower Upper

105 100

120 23.4 13.0 39.0



#78

n-propylbenzene

Concen: 1.072 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061469.D

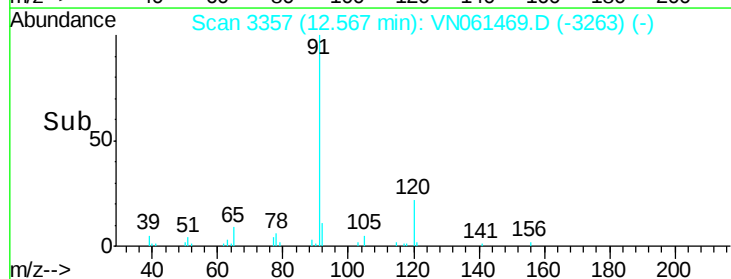
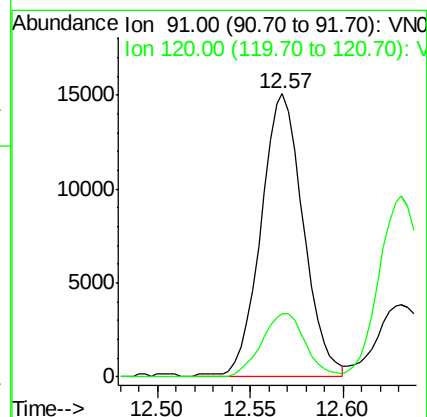
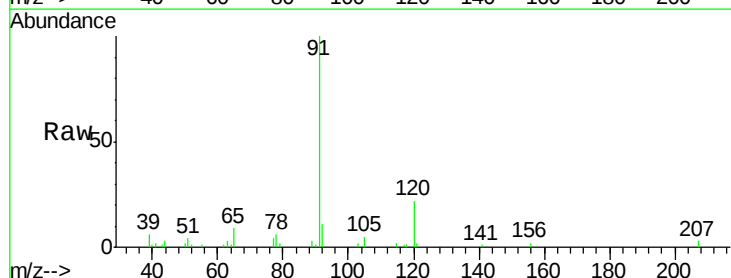
Acq: 19 May 2020 8:53

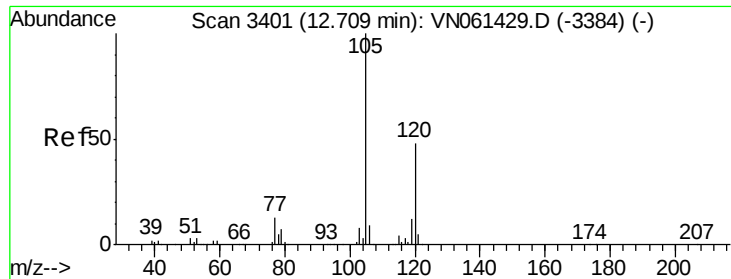
Tgt Ion: 91 Resp: 24054

Ion Ratio Lower Upper

91 100

120 23.0 11.2 33.6

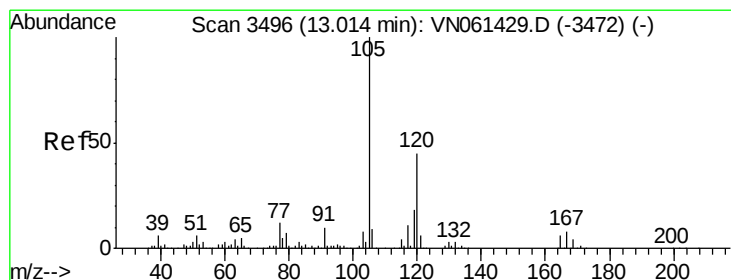
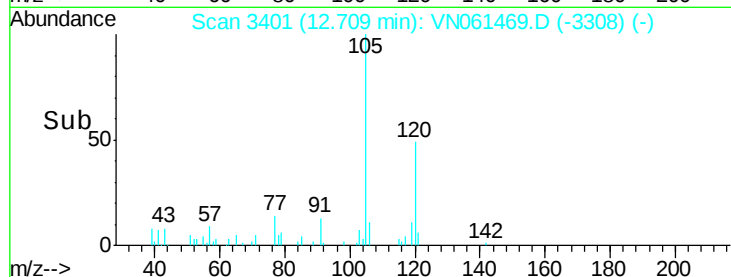
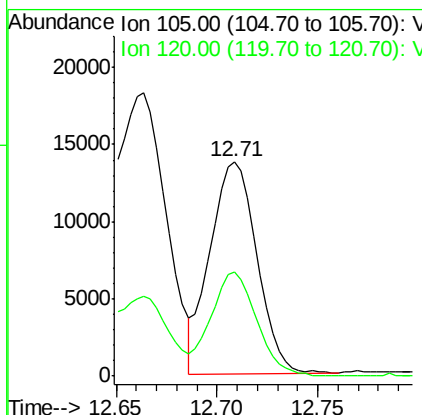
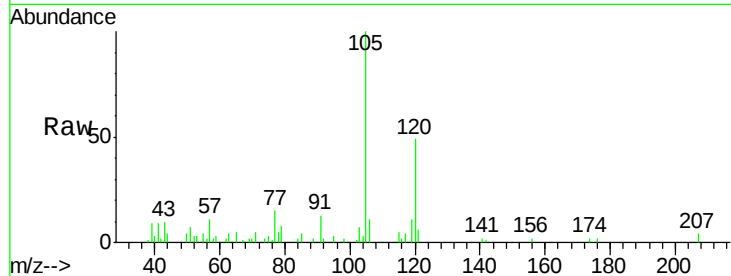




#80
 1,3,5-Trimethylbenzene
 Concen: 1.376 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

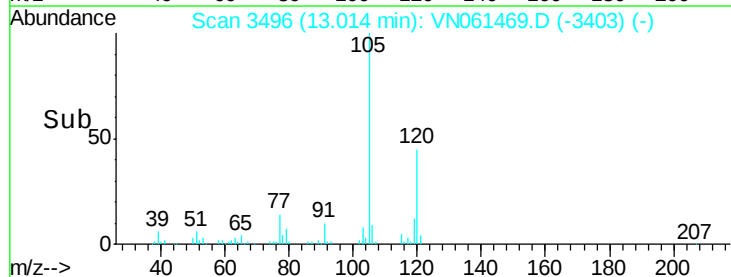
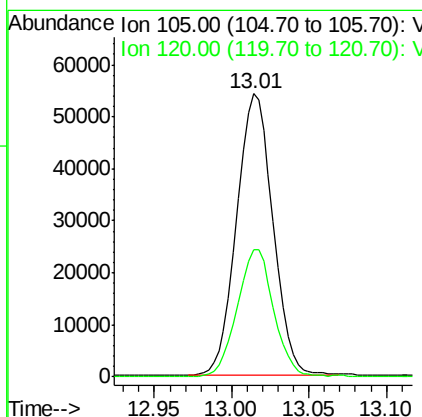
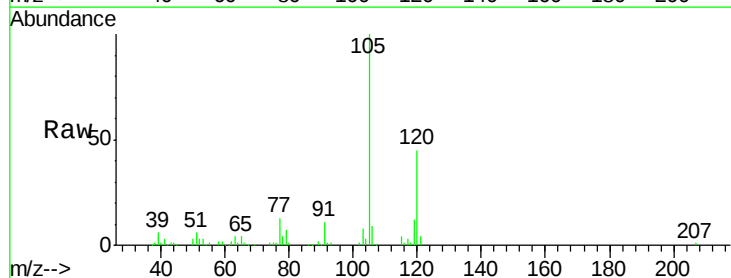
Instrument :
 MSVOA_N
 ClientSampleId :
 SS052MW128-200514

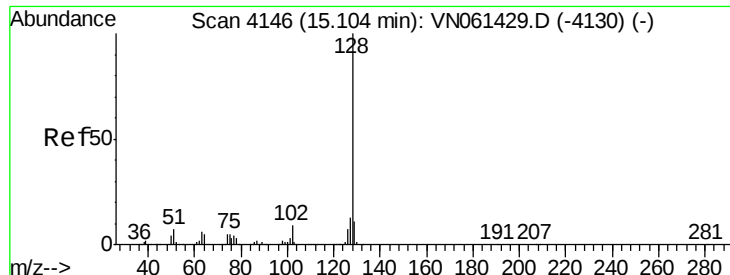
Tot Ion:105 Resp: 22205
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 5.449 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061469.D
 Acq: 19 May 2020 8:53

Tgt Ion:105 Resp: 87967
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3





#95

Naphthalene

Concen: 9.150 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061469.D

Acq: 19 May 2020 8:53

Instrument :

MSVOA_N

ClientSampleId :

SS052MW128-200514

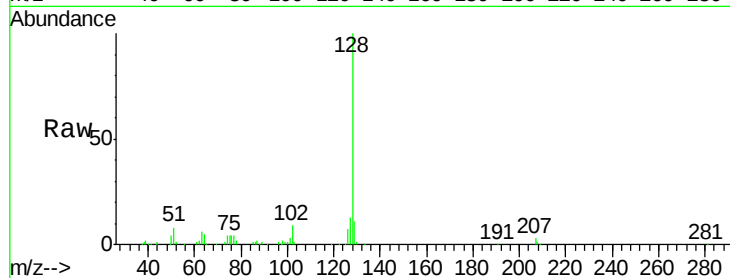
Tot Ion:128 Resp: 118396

Ion Ratio Lower Upper

128 100

127 13.1 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

