

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062800.D
 Acq On : 10 Aug 2020 11:23
 Operator : JC/MD
 Sample : L3538-01ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTEME

Quant Time: Aug 10 12:05:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	124384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	218244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	97629	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	7.54	113	70408	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
50) Toluene-d8	10.06	98	316073	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
62) 4-Bromofluorobenzene	12.38	95	133538	60.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.26%	

Target Compounds

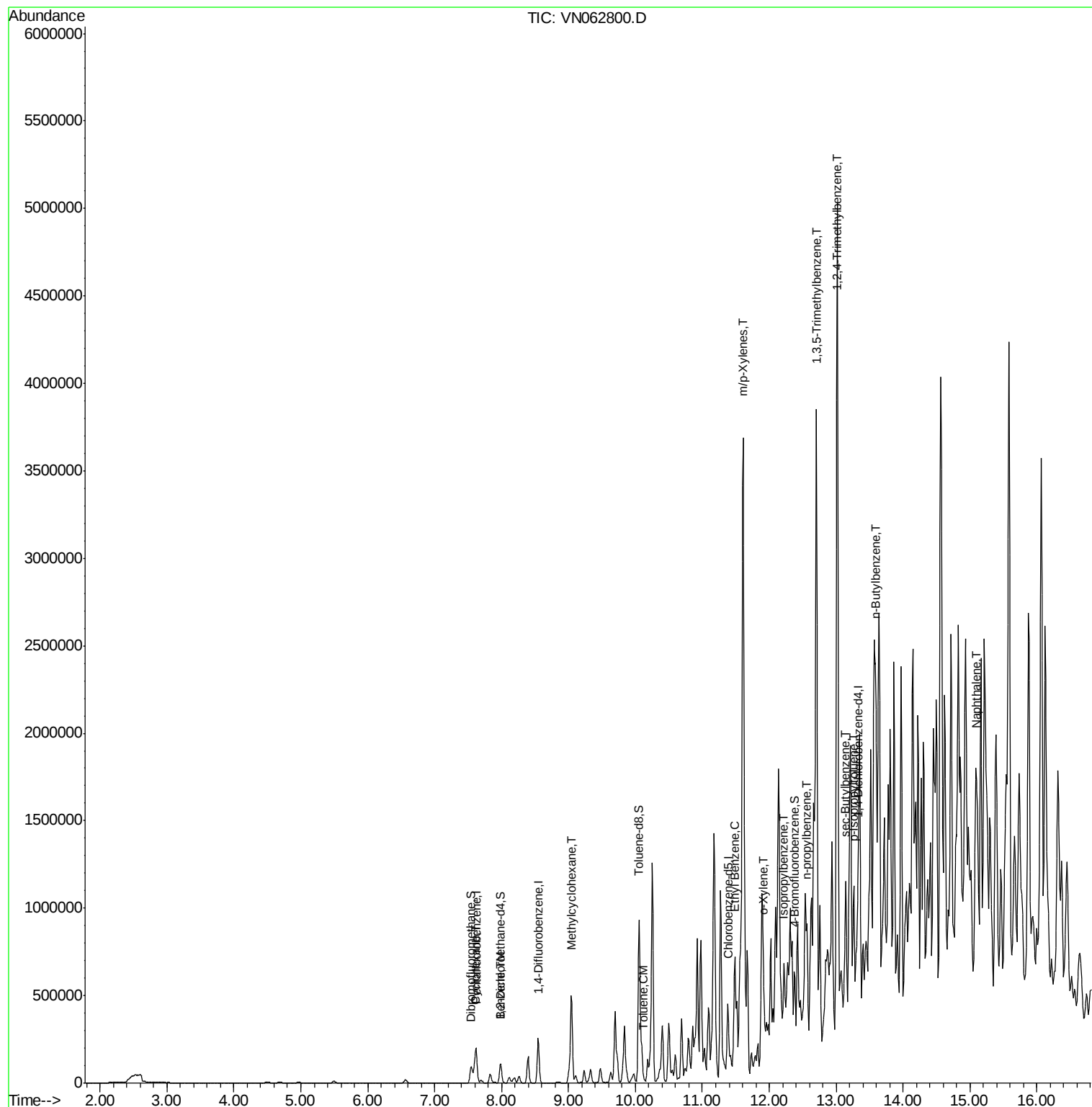
						Qvalue
31) Cyclohexane	7.60	56	37026	14.847	ug/l	99
39) Methylcyclohexane	9.04	83	215870	84.410	ug/l	98
40) Benzene	7.99	78	7853	1.238	ug/l	96
52) Toluene	10.13	92	4004	1.023	ug/l	96
67) Ethyl Benzene	11.48	91	415856	48.216	ug/l	99
68) m/p-Xylenes	11.60	106	306734	97.972	ug/l	98
69) o-Xylene	11.92	106	5598	1.908	ug/l	75
73) Isopropylbenzene	12.22	105	189150	21.557	ug/l	99
78) n-propylbenzene	12.57	91	533132	51.761	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	406265	53.370	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	2596763	356.578	ug/l	99
85) sec-Butylbenzene	13.15	105	336923	39.832	ug/l	87
86) p-Isopropyltoluene	13.26	119	216206	28.796	ug/l	99
89) n-Butylbenzene	13.59	91	539294	84.928	ug/l #	74
95) Naphthalene	15.10	128	412347	74.975	ug/l #	93

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081020\
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Instrument :
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ClientSampleId :
WASTEME

Quant Time: Aug 10 12:05:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062800.D

Acq: 10 Aug 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

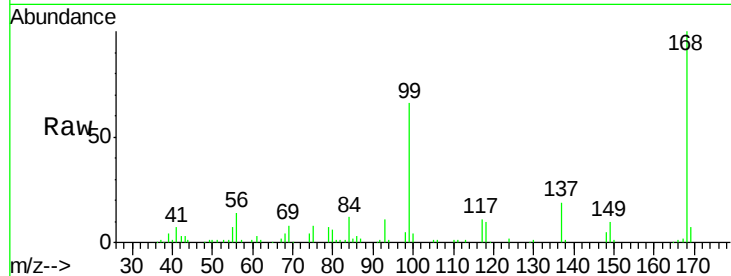
WASTEME

Tot Ion:168 Resp: 124384

Ion Ratio Lower Upper

168 100

99 65.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

50000

40000

30000

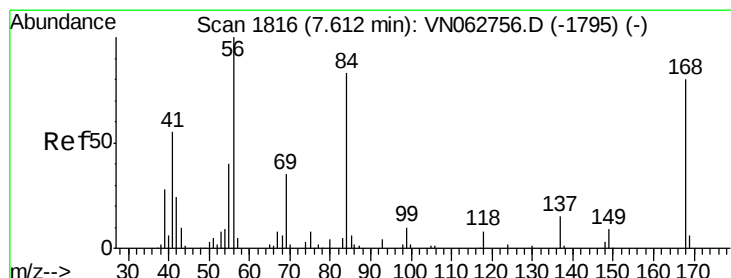
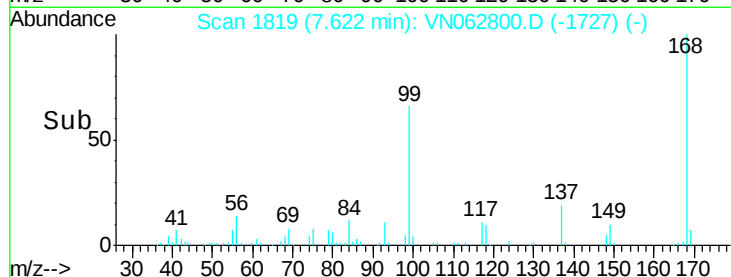
20000

10000

0

Time-->

7.50 7.60 7.70



#31

Cyclohexane

Concen: 14.847 ug/l

RT: 7.60 min Scan# 1813

Delta R.T. -0.01 min

Lab File: VN062800.D

Acq: 10 Aug 2020 11:23

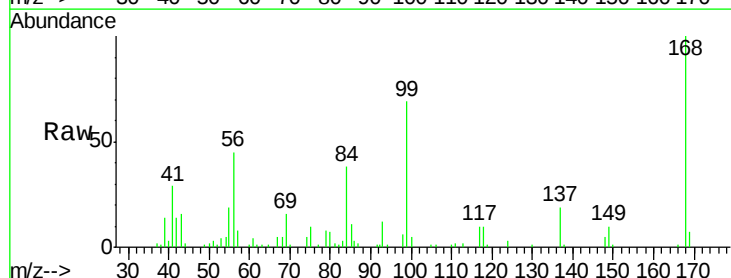
Tgt Ion: 56 Resp: 37026

Ion Ratio Lower Upper

56 100

69 35.9 28.1 42.1

84 83.2 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

7.60

15000

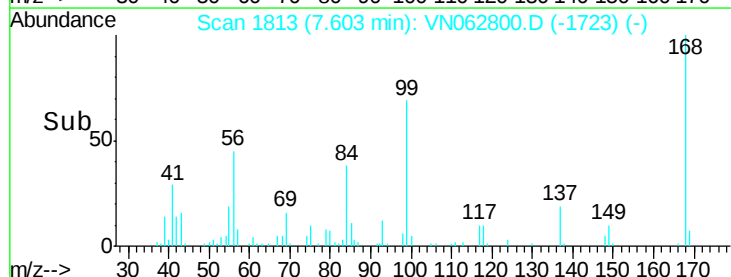
10000

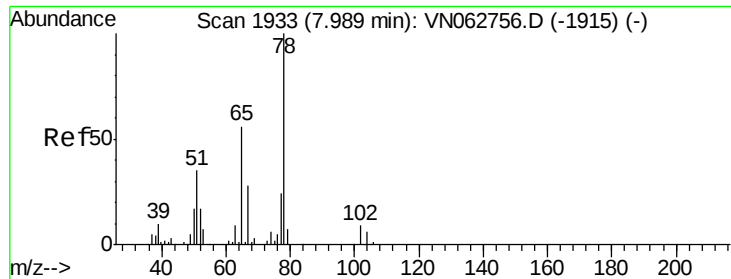
5000

0

Time-->

7.50 7.55 7.60 7.65

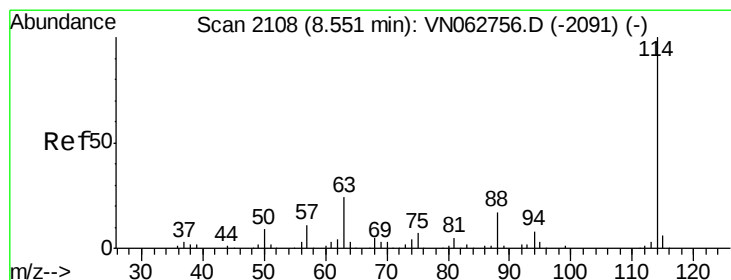
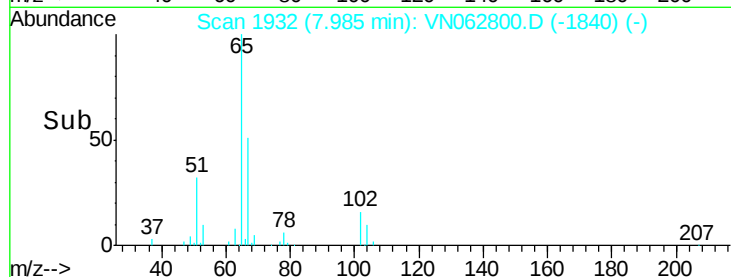
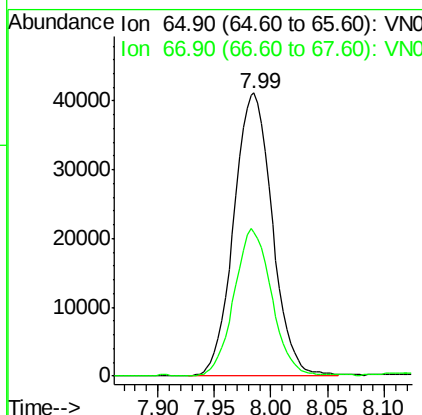
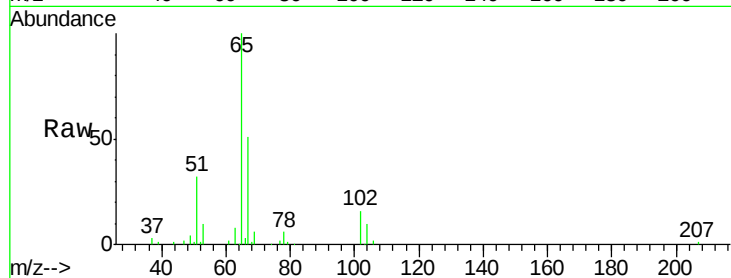




#33
 1,2-Dichloroethane-d4
 Concen: 47.464 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062800.D
 Acq: 10 Aug 2020 11:23

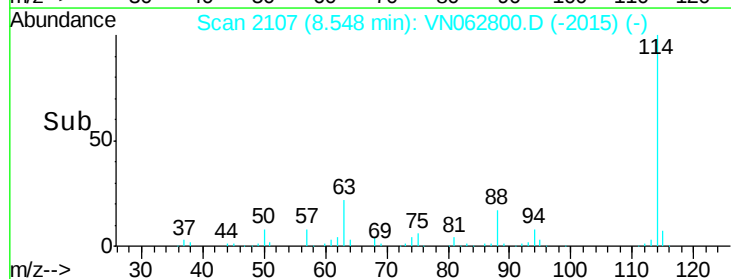
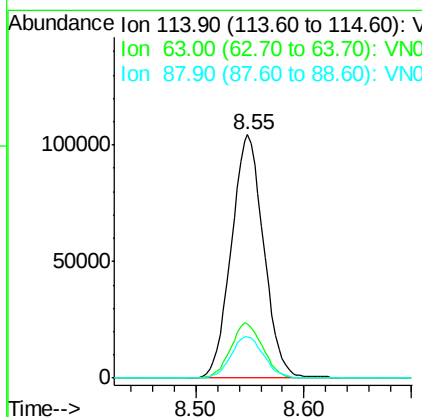
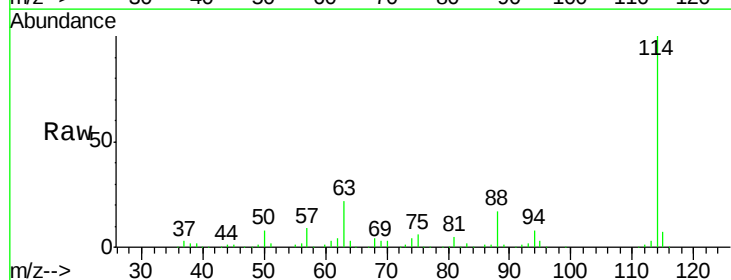
Instrument :
 MSVOA_N
 ClientSampleId :
 WASTEME

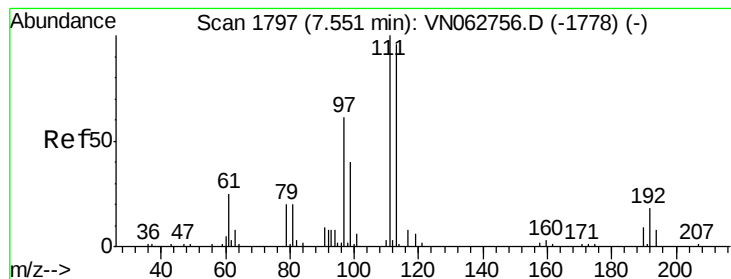
Tot Ion: 65 Resp: 97629
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062800.D
 Acq: 10 Aug 2020 11:23

Tgt Ion: 114 Resp: 218244
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.6
 88 17.1 0.0 34.4





#35

Dibromofluoromethane

Concen: 47.162 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.01 min

Lab File: VN062800.D

Acq: 10 Aug 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

WASTEME

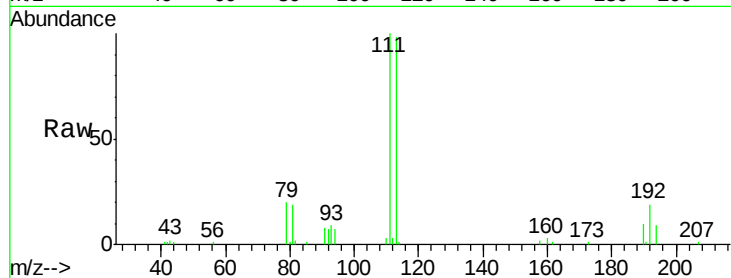
Tot Ion:113 Resp: 70408

Ion Ratio Lower Upper

113 100

111 101.3 81.8 122.6

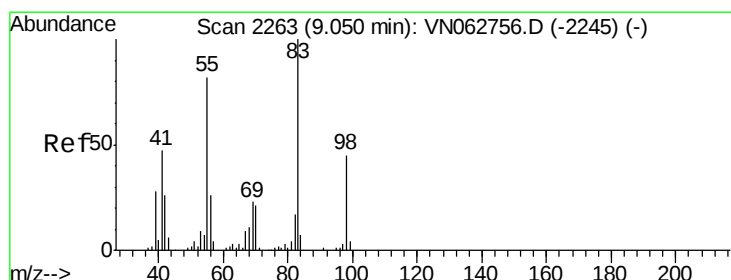
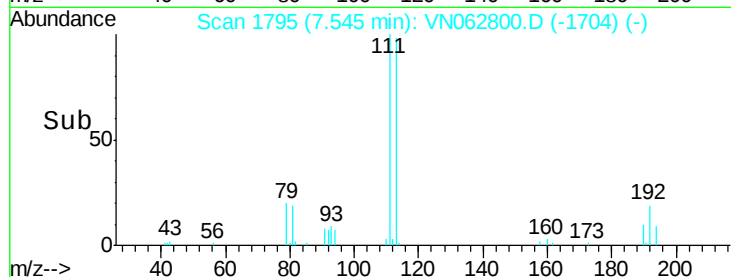
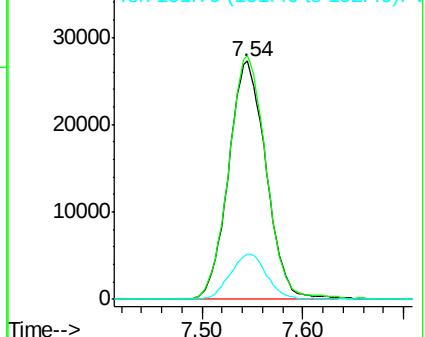
192 18.5 15.0 22.4



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: 84.410 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.01 min

Lab File: VN062800.D

Acq: 10 Aug 2020 11:23

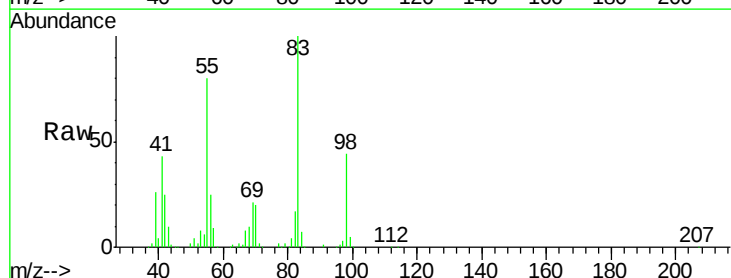
Tgt Ion: 83 Resp: 215870

Ion Ratio Lower Upper

83 100

55 80.0 65.7 98.5

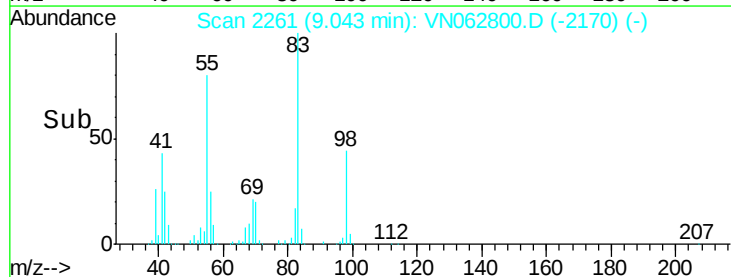
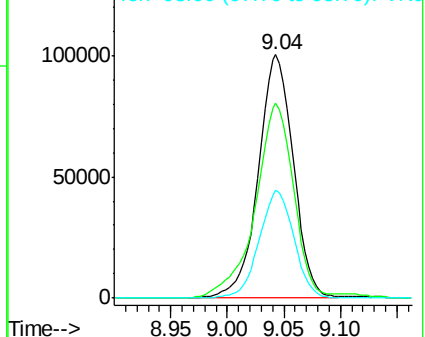
98 44.2 35.6 53.4

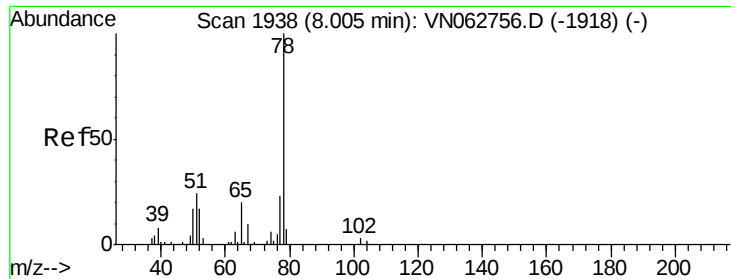


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 1.238 ug/l

RT: 7.99 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VN062800.D

Acq: 10 Aug 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

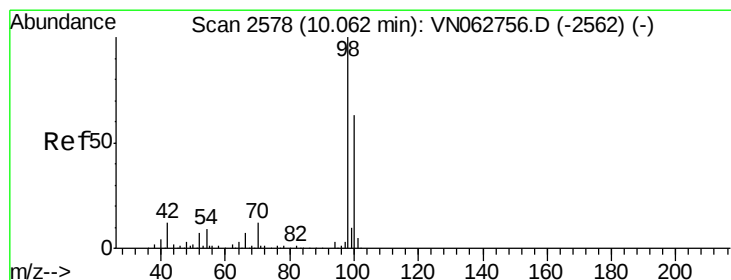
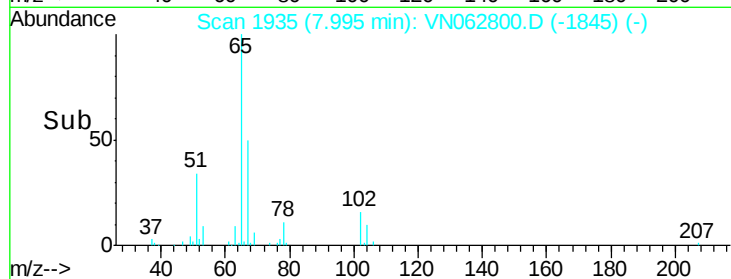
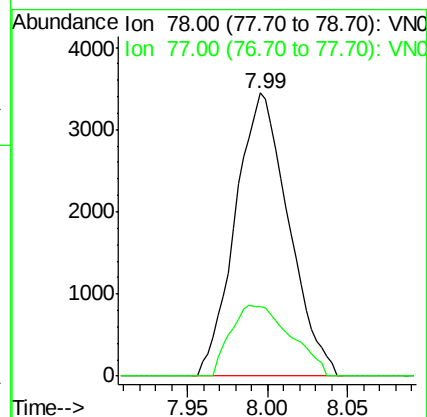
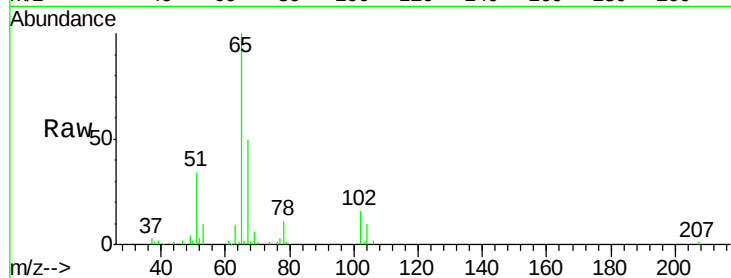
WASTEME

Tot Ion: 78 Resp: 7853

Ion Ratio Lower Upper

78 100

77 24.7 18.1 27.1



#50

Toluene-d8

Concen: 54.229 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062800.D

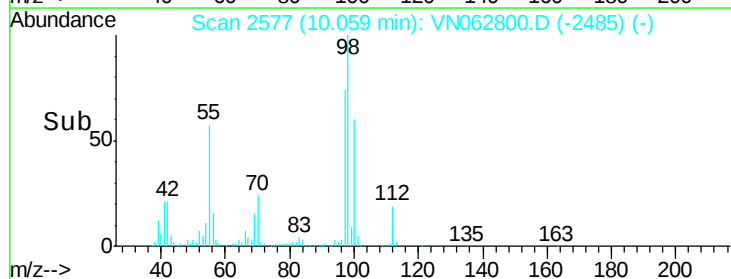
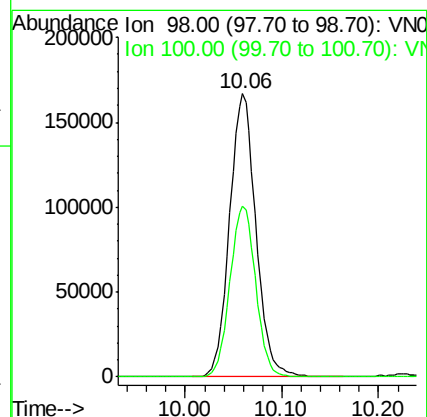
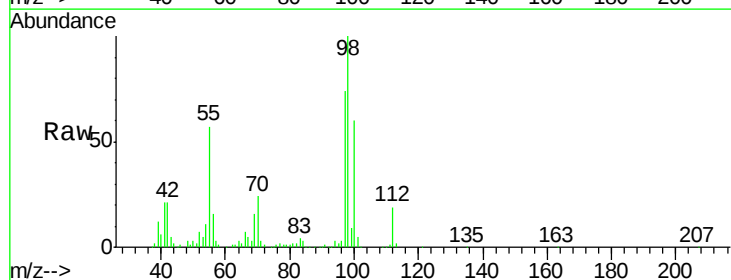
Acq: 10 Aug 2020 11:23

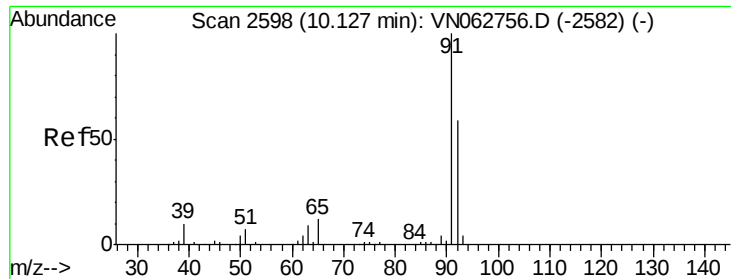
Tgt Ion: 98 Resp: 316073

Ion Ratio Lower Upper

98 100

100 58.6 50.9 76.3





#52

Toluene

Concen: 1.023 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062800.D

Acq: 10 Aug 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

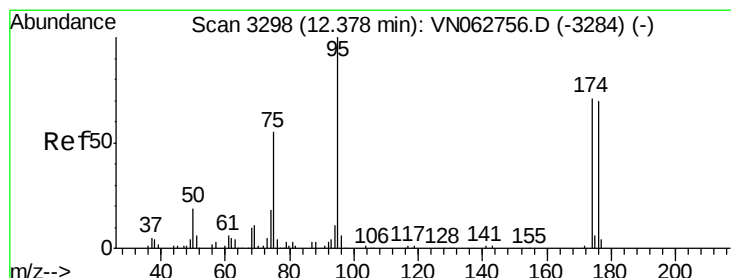
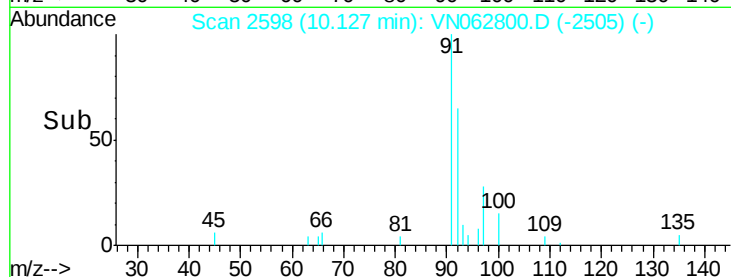
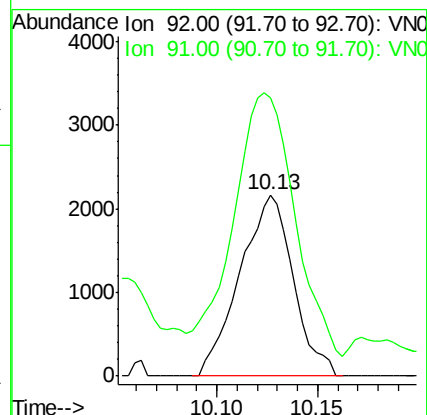
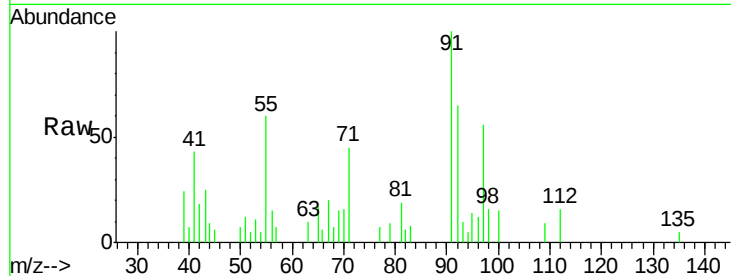
WASTEME

Tot Ion: 92 Resp: 4004

Ion Ratio Lower Upper

92 100

91 168.4 138.9 208.3



#62

4-Bromofluorobenzene

Concen: 60.628 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062800.D

Acq: 10 Aug 2020 11:23

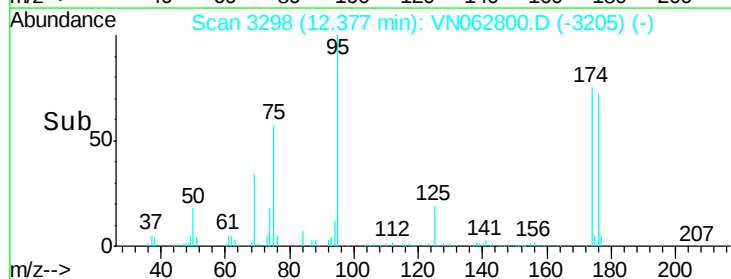
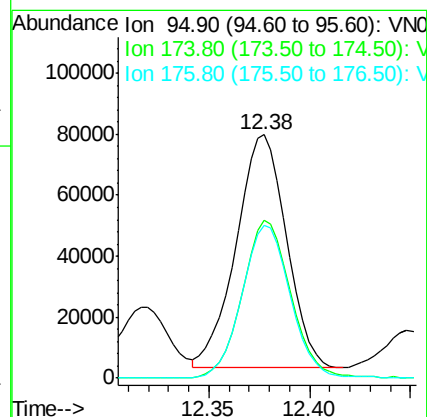
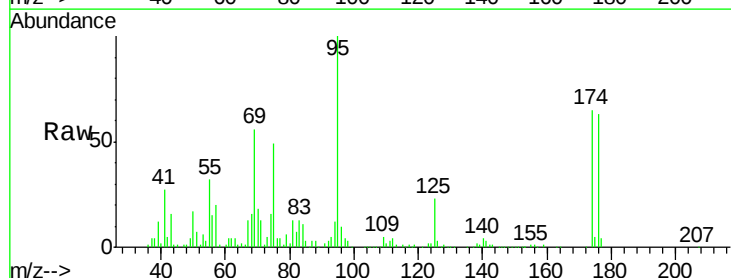
Tgt Ion: 95 Resp: 133538

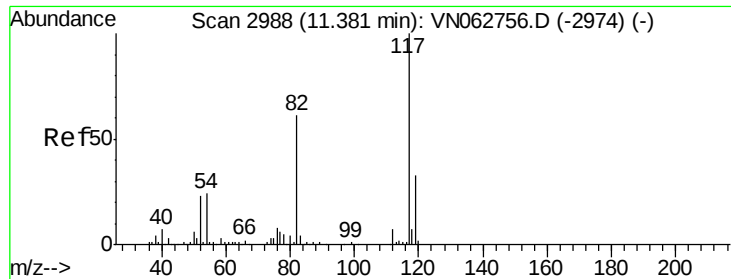
Ion Ratio Lower Upper

95 100

174 65.5 0.0 144.8

176 63.3 0.0 142.2

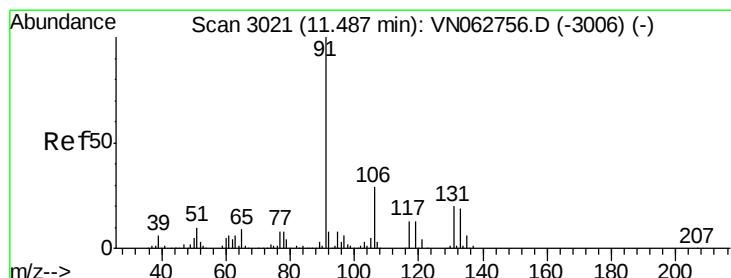
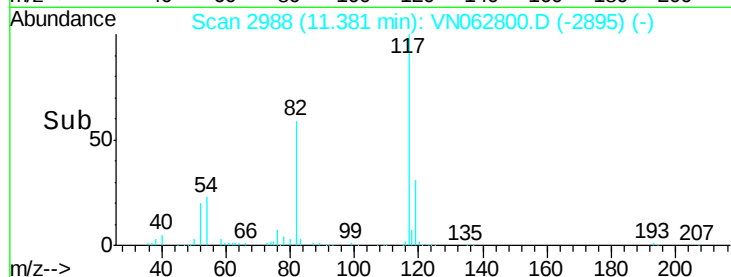
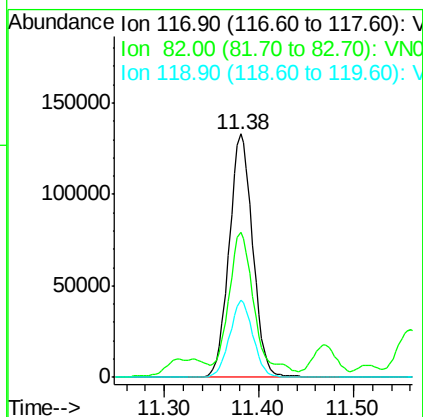
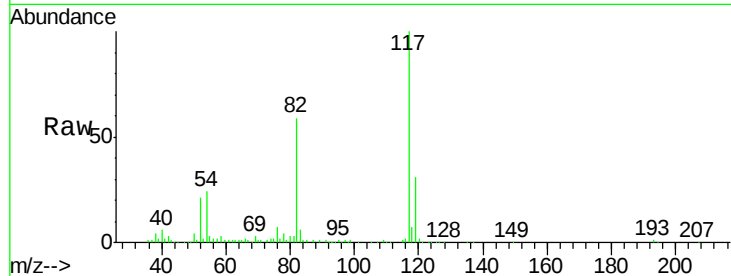




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062800.D
Acq: 10 Aug 2020 11:23

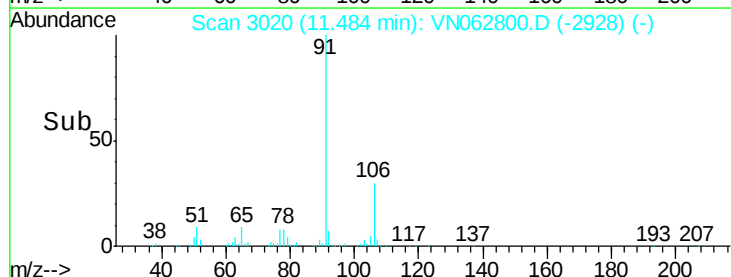
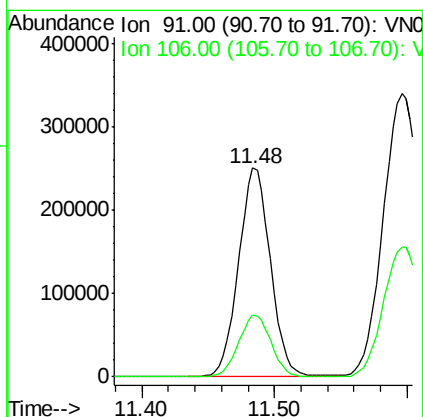
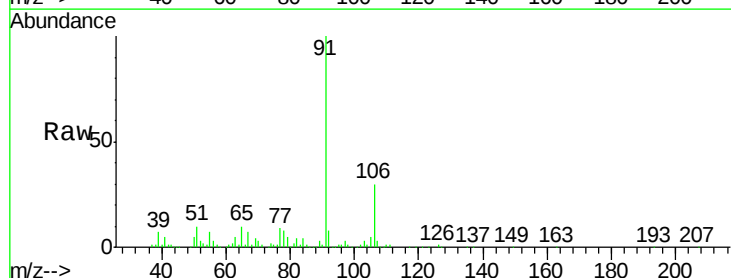
Instrument :
MSVOA_N
ClientSampleId :
WASTEME

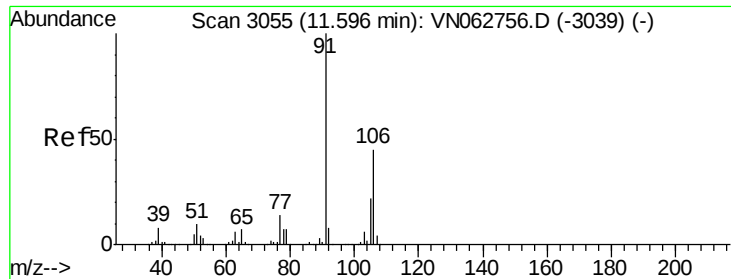
Tot Ion:117 Resp: 230567
Ion Ratio Lower Upper
117 100
82 52.6 49.0 73.4
119 31.5 26.2 39.2



#67
Ethyl Benzene
Concen: 48.216 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062800.D
Acq: 10 Aug 2020 11:23

Tgt Ion: 91 Resp: 415856
Ion Ratio Lower Upper
91 100
106 29.6 23.2 34.8

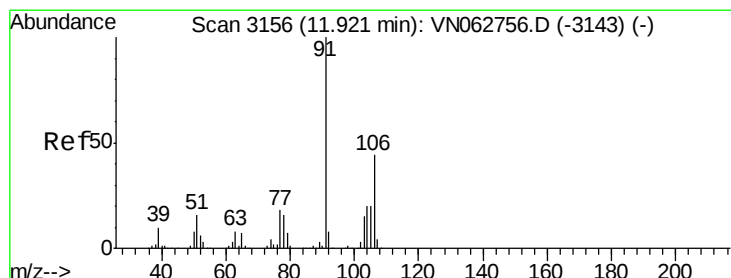
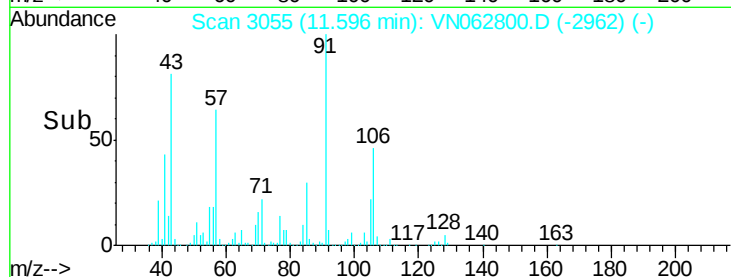
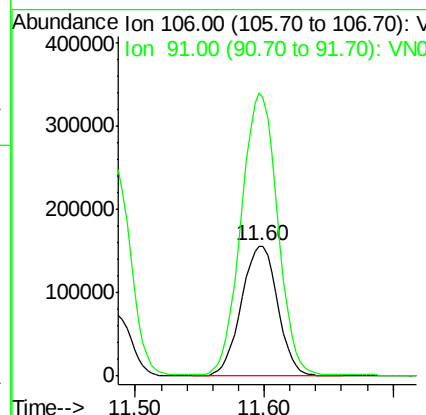
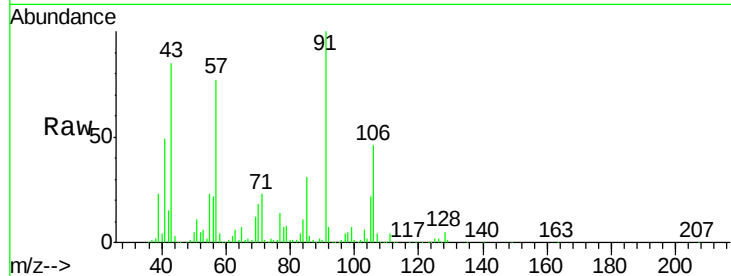




#68
m/p-Xylenes
Concen: 97.972 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062800.D
Acq: 10 Aug 2020 11:23

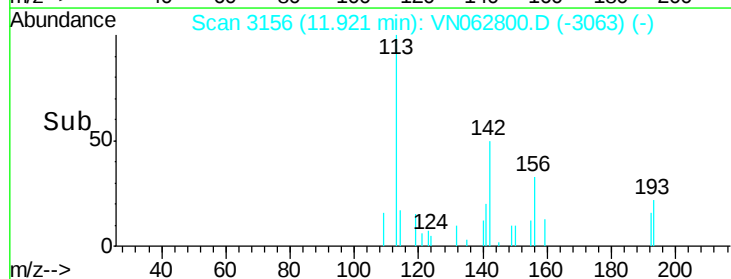
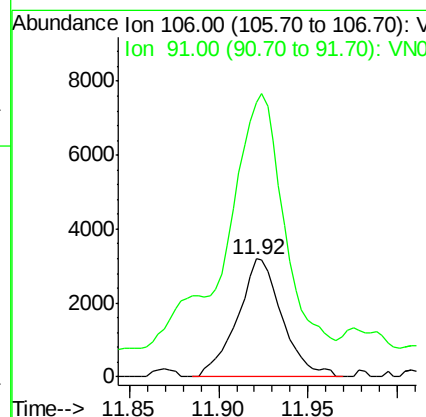
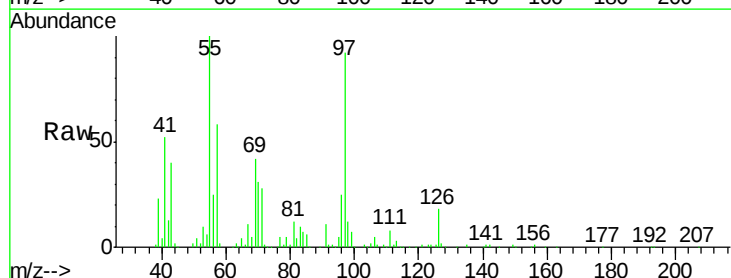
Instrument :
MSVOA_N
ClientSampled :
WASTEME

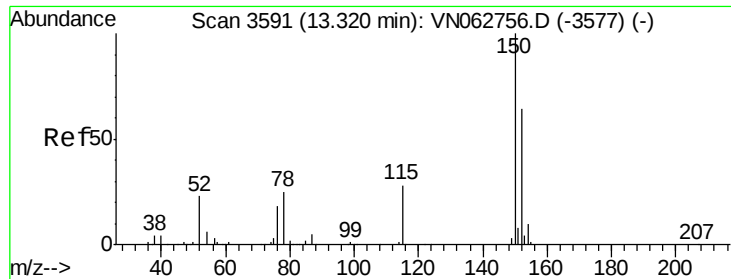
Tot Ion:106 Resp: 306734
Ion Ratio Lower Upper
106 100
91 216.3 175.9 263.9



#69
o-Xylene
Concen: 1.908 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062800.D
Acq: 10 Aug 2020 11:23

Tgt Ion:106 Resp: 5598
Ion Ratio Lower Upper
106 100
91 273.8 115.8 347.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062800.D

Acq: 10 Aug 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

WASTEME

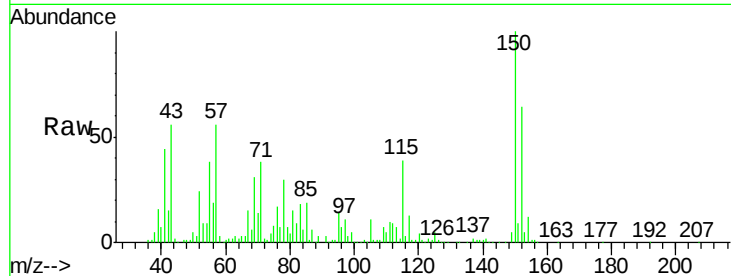
Tot Ion:152 Resp: 116527

Ion Ratio Lower Upper

152 100

115 59.3 31.6 94.8

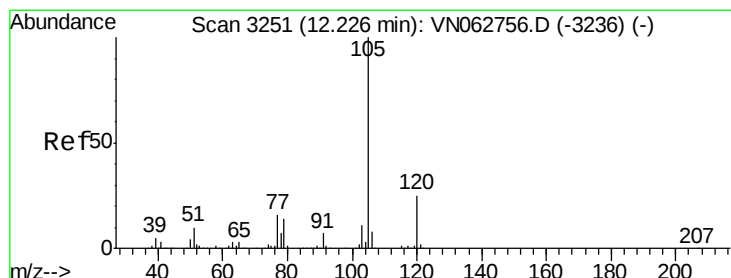
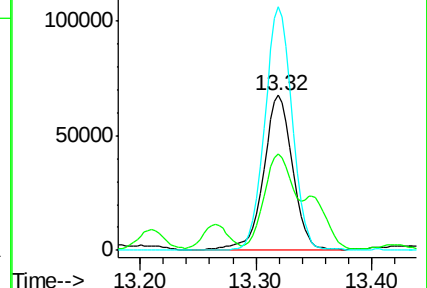
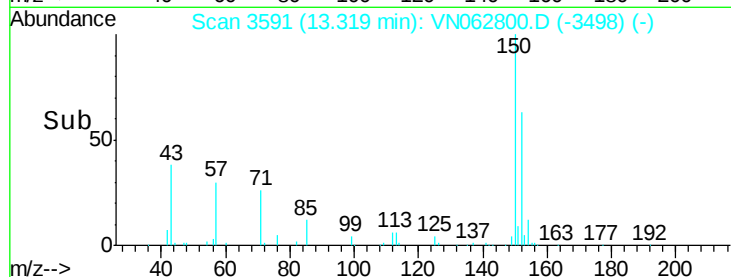
150 149.4 0.0 349.2



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



#73

Isopropylbenzene

Concen: 21.557 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062800.D

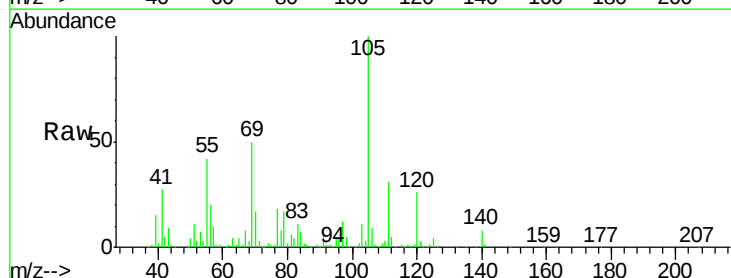
Acq: 10 Aug 2020 11:23

Tgt Ion:105 Resp: 189150

Ion Ratio Lower Upper

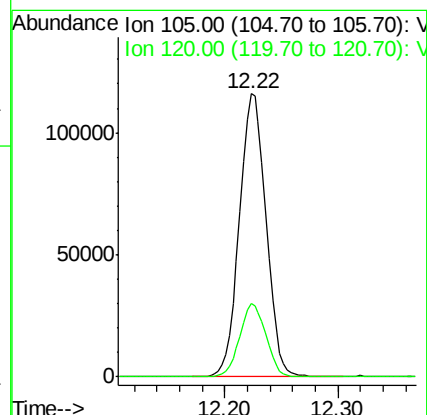
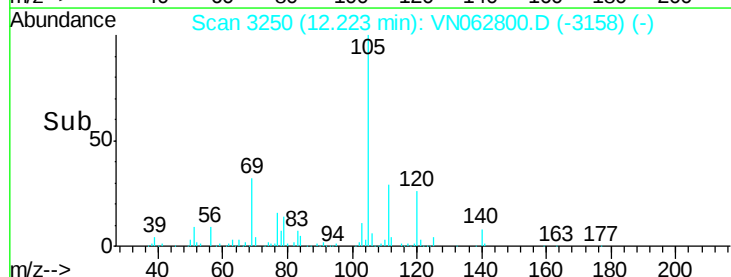
105 100

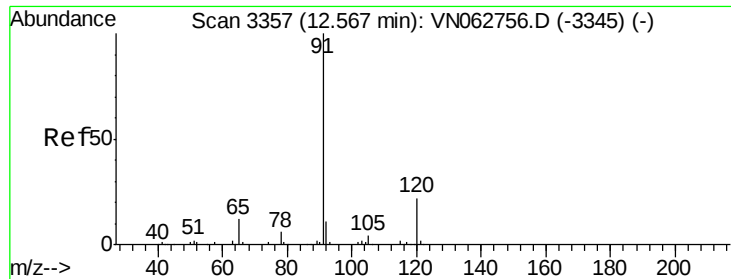
120 25.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 51.761 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062800.D

Acq: 10 Aug 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

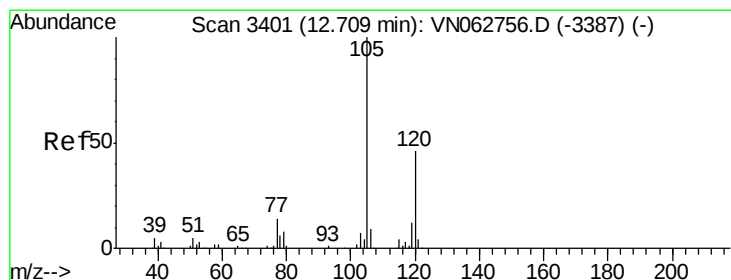
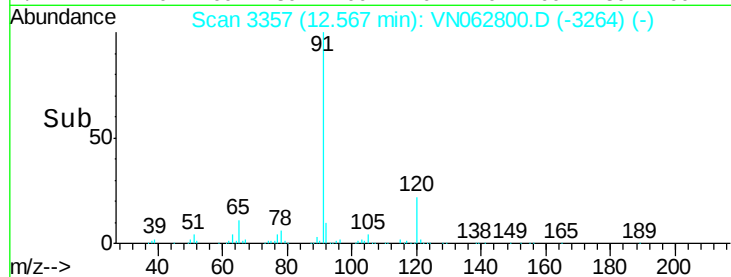
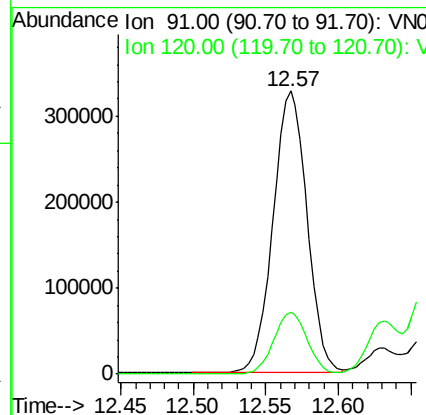
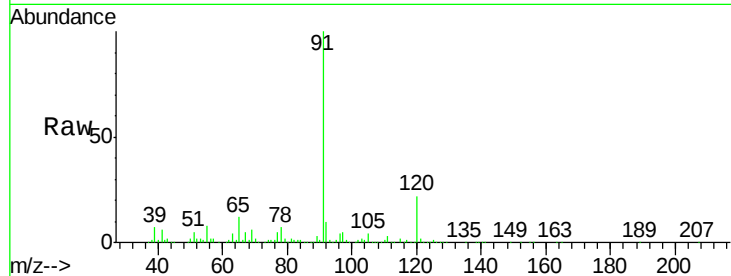
WASTEME

Tot Ion: 91 Resp: 533132

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.9



#80

1,3,5-Trimethylbenzene

Concen: 53.370 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062800.D

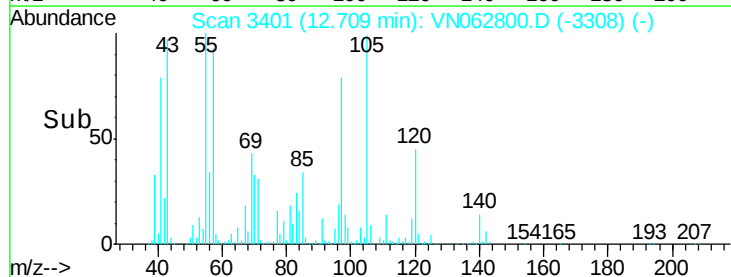
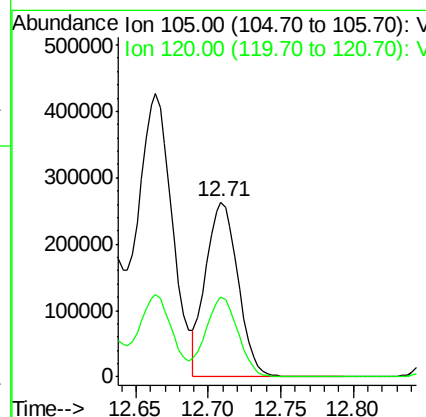
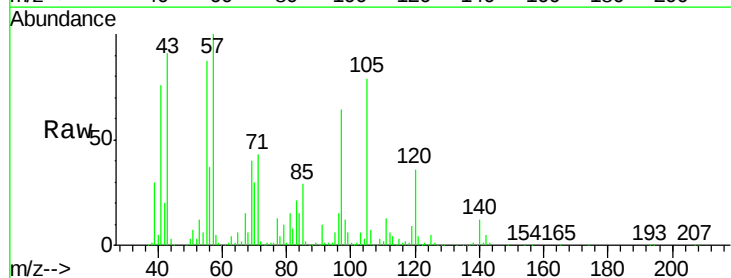
Acq: 10 Aug 2020 11:23

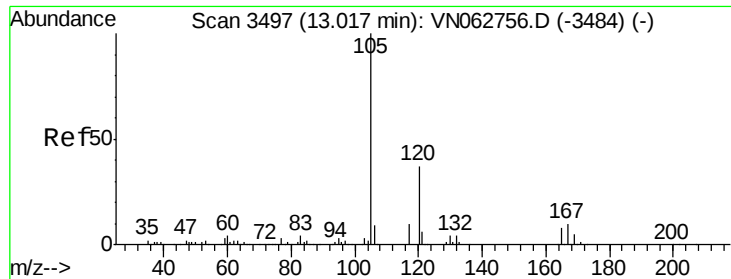
Tgt Ion: 105 Resp: 406265

Ion Ratio Lower Upper

105 100

120 46.4 22.9 68.5

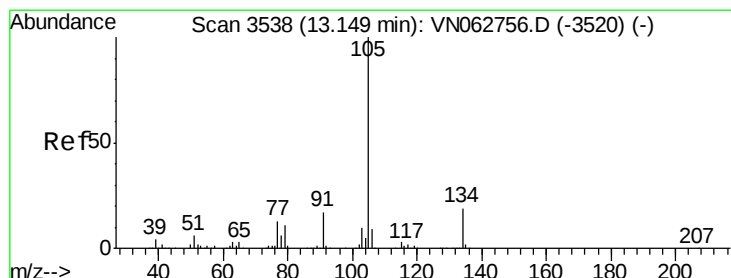
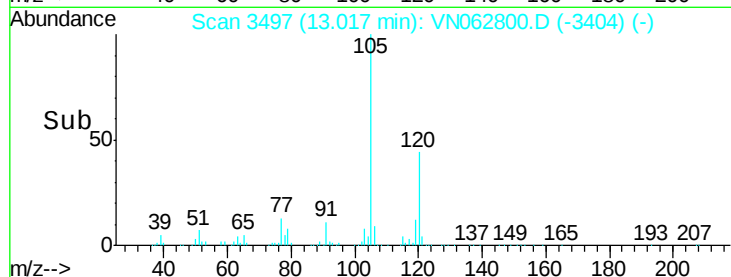
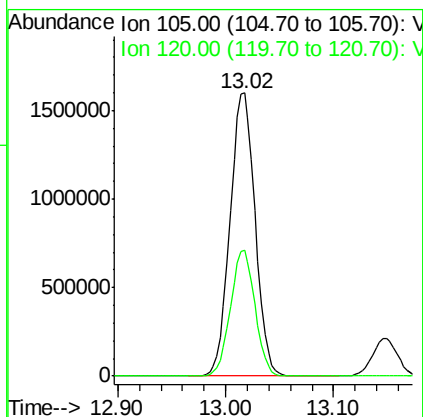
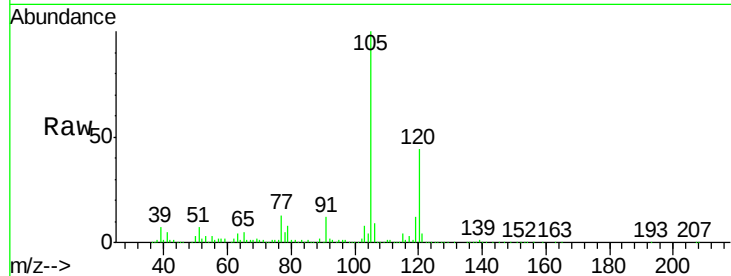




#84
 1,2,4-Trimethylbenzene
 Concen: 356.578 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062800.D
 Acq: 10 Aug 2020 11:23

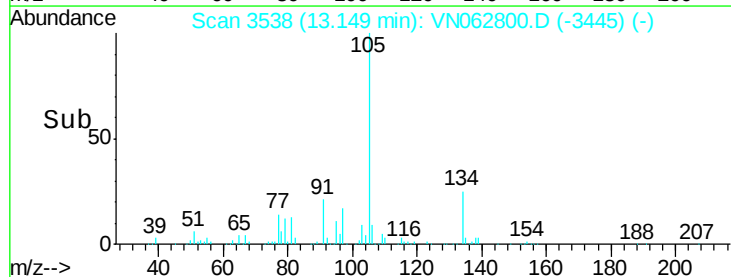
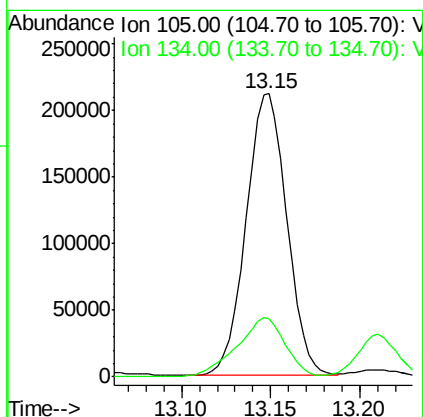
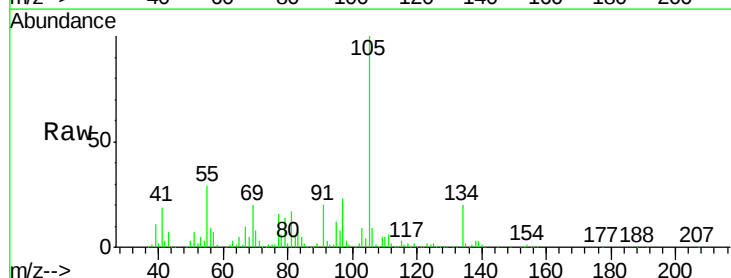
Instrument :
 MSVOA_N
 ClientSampleId :
 WASTEME

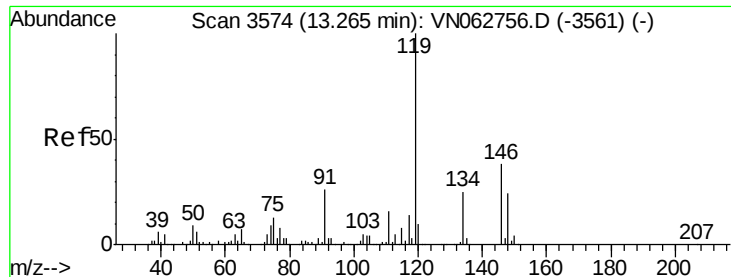
Tot Ion:105 Resp: 2596763
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.4 64.2



#85
 sec-Butylbenzene
 Concen: 39.832 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062800.D
 Acq: 10 Aug 2020 11:23

Tgt Ion:105 Resp: 336923
 Ion Ratio Lower Upper
 105 100
 134 25.0 9.6 28.6

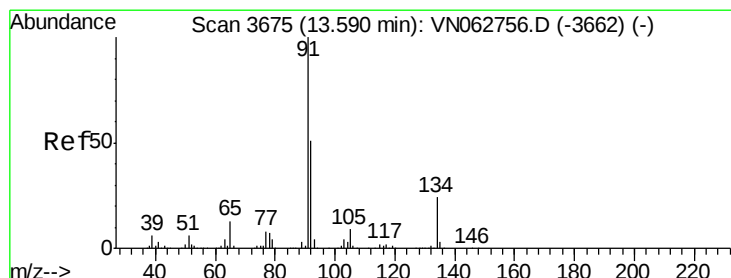
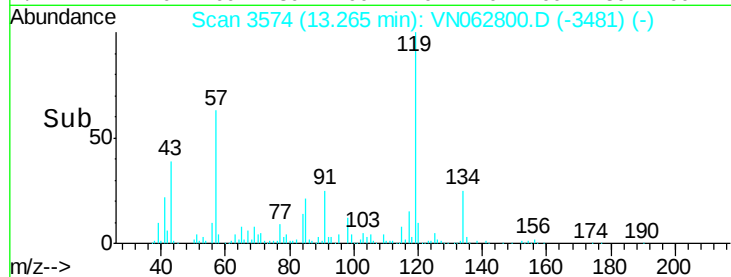
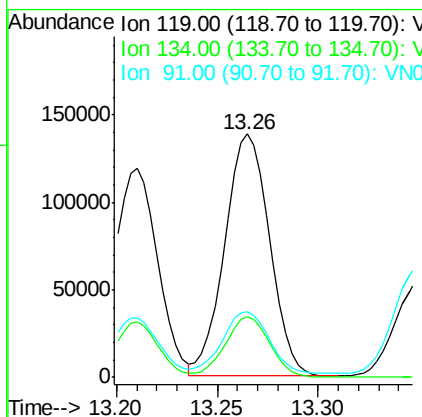
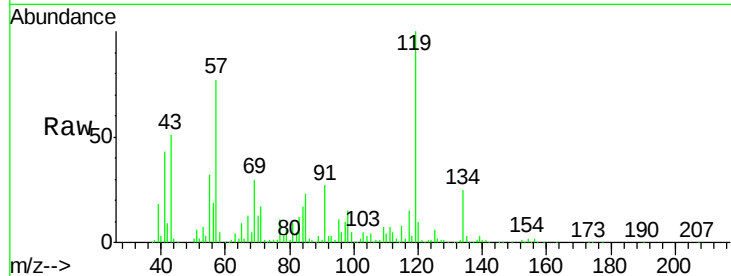




#86
 p-Isopropyltoluene
 Concen: 28.796 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062800.D
 Acq: 10 Aug 2020 11:23

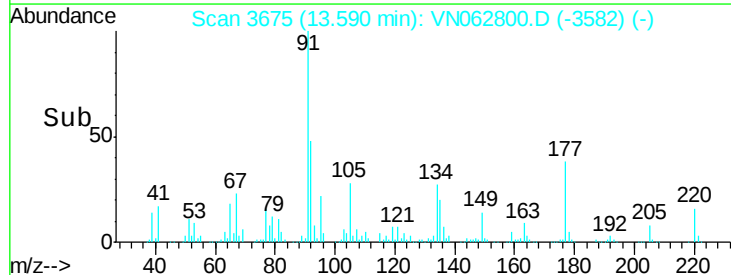
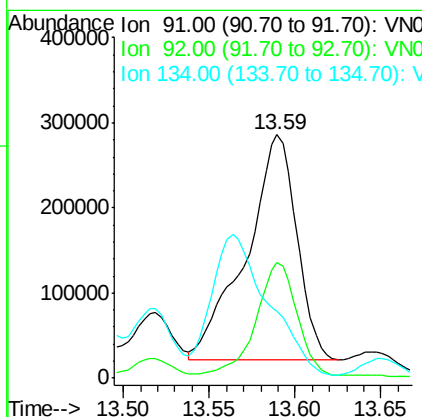
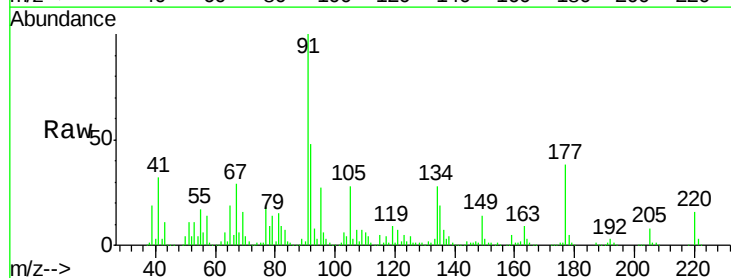
Instrument :
 MSVOA_N
 ClientSampled :
 WASTEME

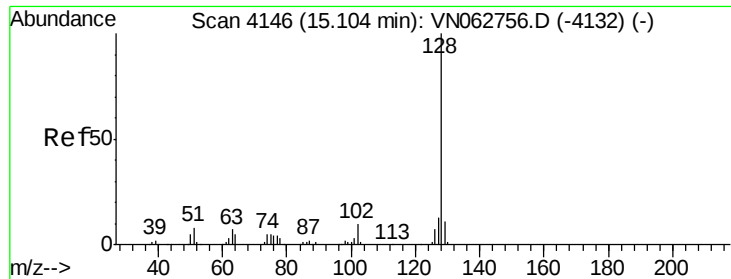
Tot Ion:119 Resp: 216206
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 26.2 13.4 40.2



#89
 n-Butylbenzene
 Concen: 84.928 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: VN062800.D
 Acq: 10 Aug 2020 11:23

Tgt Ion: 91 Resp: 539294
 Ion Ratio Lower Upper
 91 100
 92 40.6 25.7 77.0
 134 0.0 12.2 36.6#





#95
Naphthalene
Concen: 74.975 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062800.D
Acq: 10 Aug 2020 11:23

Instrument :
MSVOA_N
ClientSampleId :
WASTEME

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.8	16.2
129	14.6	8.8	13.2

