

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062067.D
 Acq On : 24 Jun 2020 17:00
 Operator : JC/MD
 Sample : L3071-07DL 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7DL

Quant Time: Jun 25 04:57:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

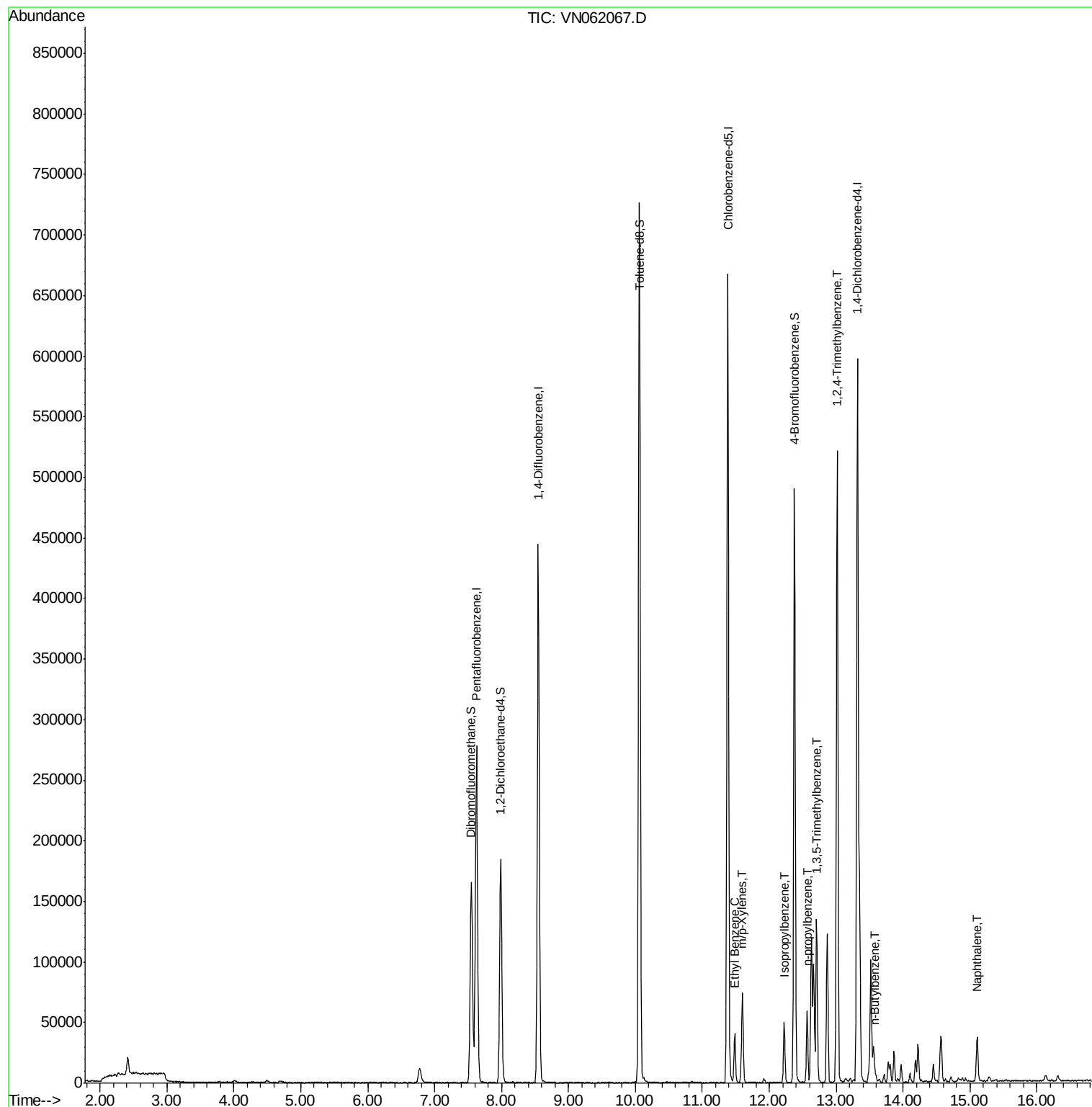
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	216934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	403934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	152304	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
35) Dibromofluoromethane	7.55	113	129043	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.06	98	509487	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.38	95	171698	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
Target Compounds						
67) Ethyl Benzene	11.48	91	29087	2.024	ug/l	97
68) m/p-Xylenes	11.60	106	23210	4.175	ug/l	98
73) Isopropylbenzene	12.22	105	32509	2.626	ug/l	98
78) n-propylbenzene	12.56	91	47155	3.331	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	73803	7.356	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	297151	29.653	ug/l	99
89) n-Butylbenzene	13.59	91	3258	0.394	ug/l #	70
95) Naphthalene	15.11	128	33235	8.007	ug/l	100

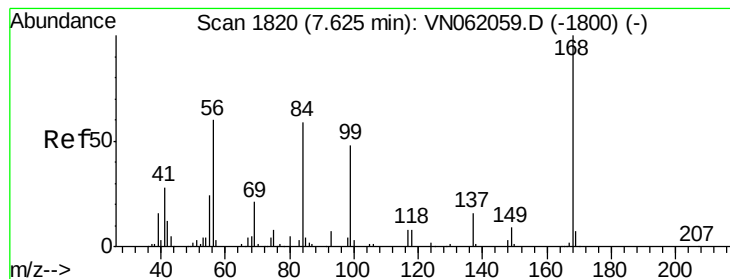
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062420\
Data File : VN062067.D
Acq On : 24 Jun 2020 17:00
Operator : JC/MD
Sample : L3071-07DL 100X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-7DL

Quant Time: Jun 25 04:57:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062067.D

Acq: 24 Jun 2020 17:00

Instrument :

MSVOA_N

ClientSampled :

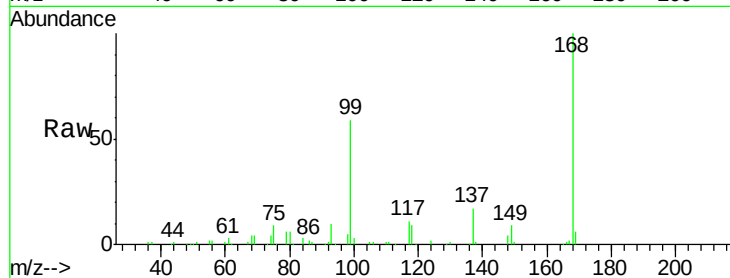
TW-7DL

Tot Ion:168 Resp: 216934

Ion Ratio Lower Upper

168 100

99 58.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

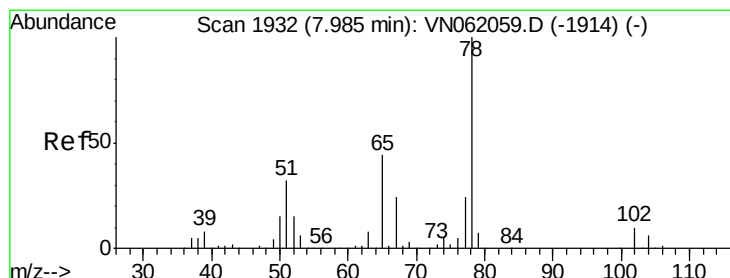
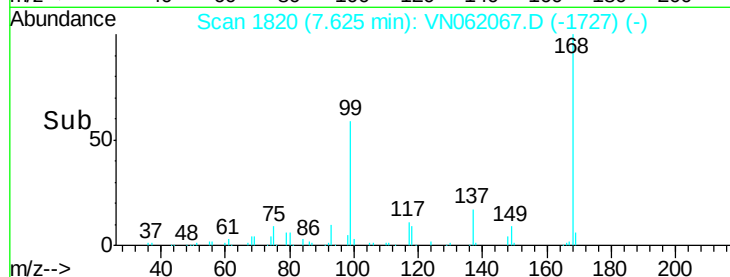
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.029 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062067.D

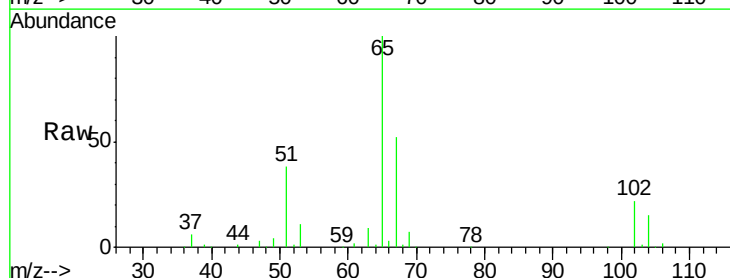
Acq: 24 Jun 2020 17:00

Tgt Ion: 65 Resp: 152304

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

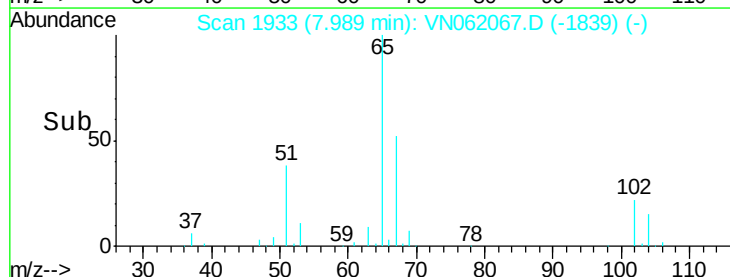
60000

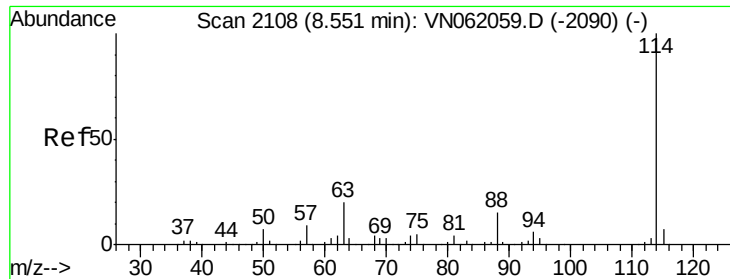
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10

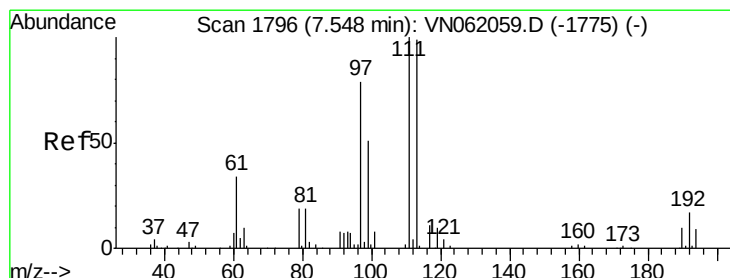
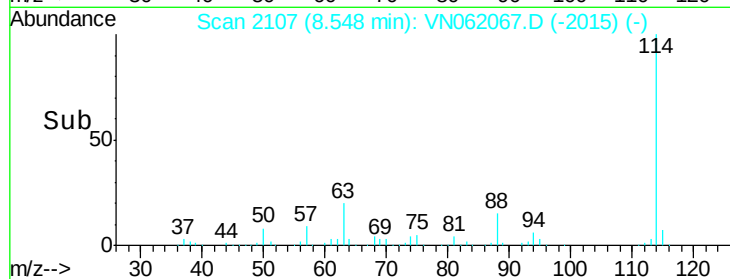
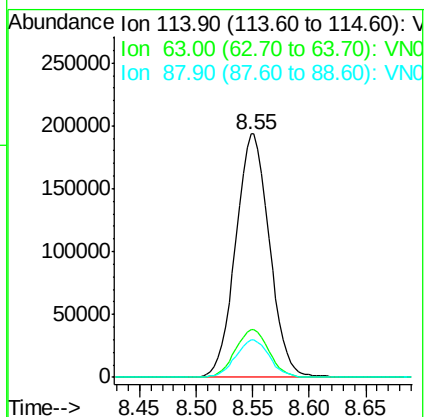
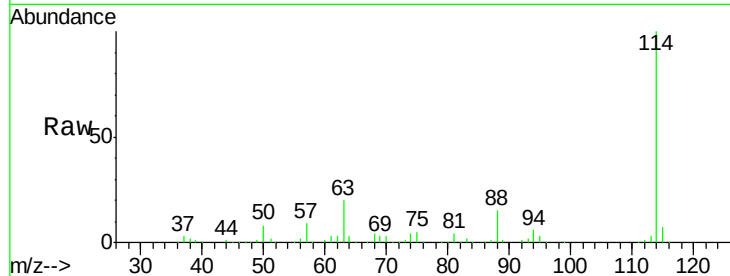




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062067.D
Acq: 24 Jun 2020 17:00

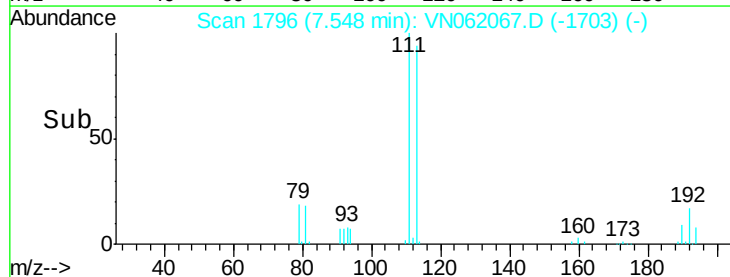
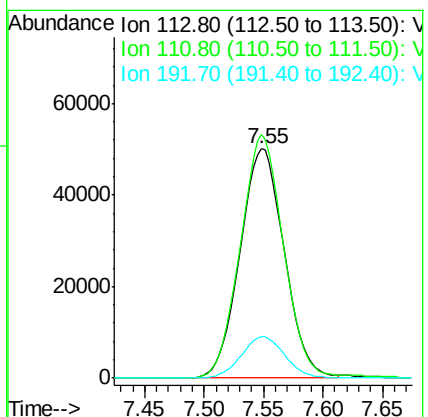
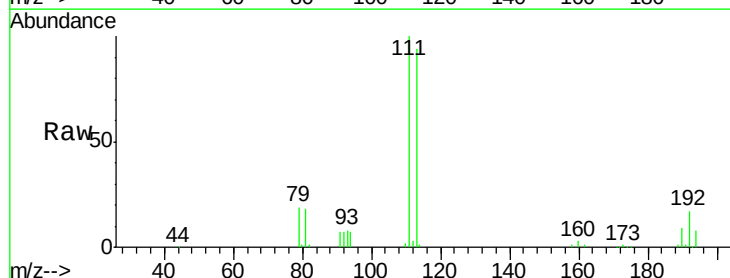
Instrument :
MSVOA_N
ClientSampled :
TW-7DL

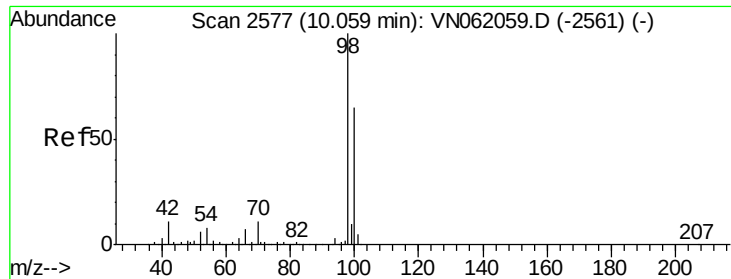
Tot Ion:114 Resp: 403934
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 49.796 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062067.D
Acq: 24 Jun 2020 17:00

Tgt Ion:113 Resp: 129043
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 17.7 14.0 21.0

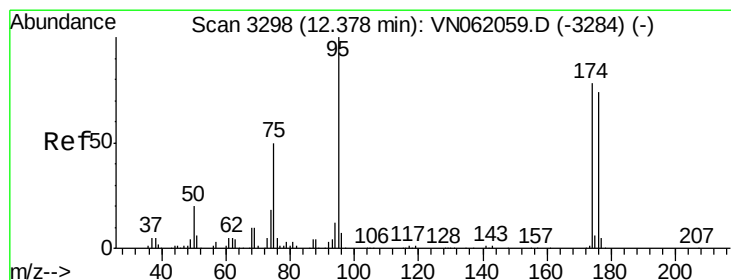
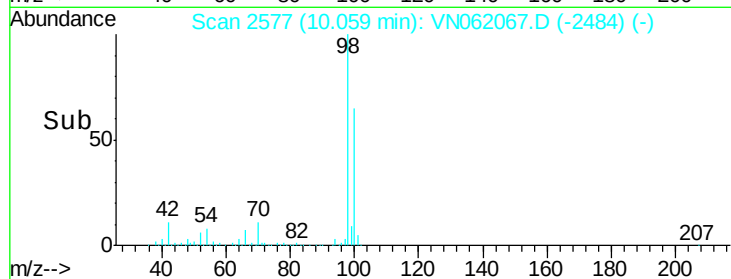
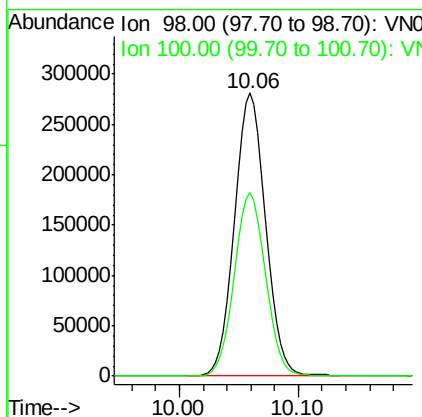
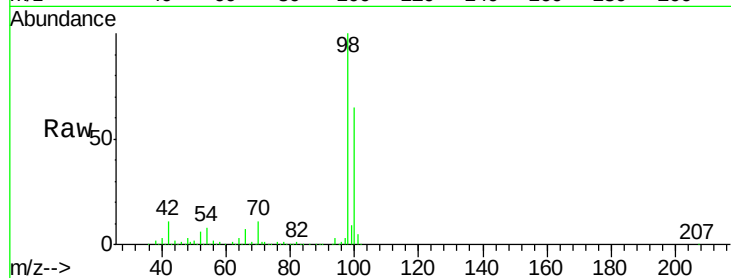




#50
Toluene-d8
Concen: 49.184 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062067.D
Acq: 24 Jun 2020 17:00

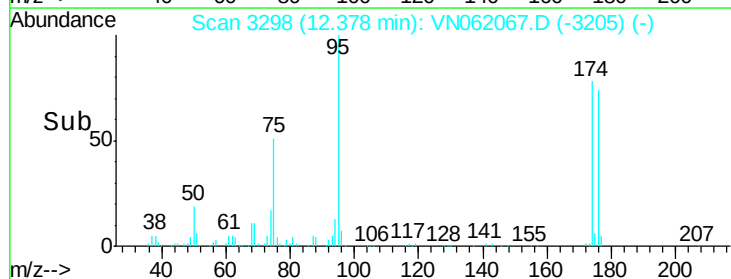
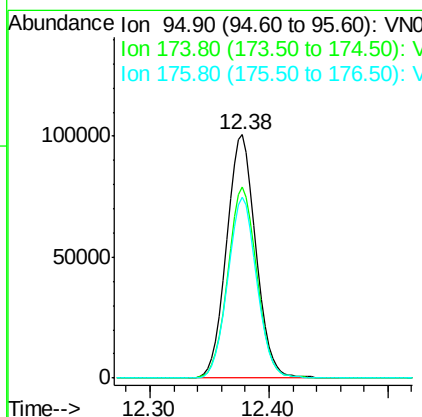
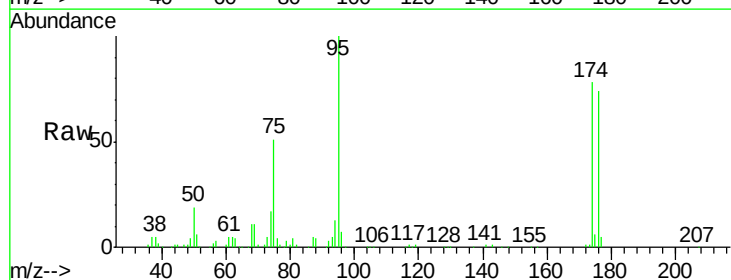
Instrument :
MSVOA_N
ClientSampled :
TW-7DL

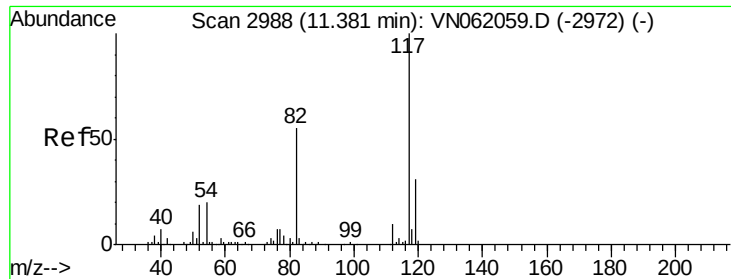
Tot Ion: 98 Resp: 509487
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 49.059 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062067.D
Acq: 24 Jun 2020 17:00

Tgt Ion: 95 Resp: 171698
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.8
176 73.6 0.0 147.4

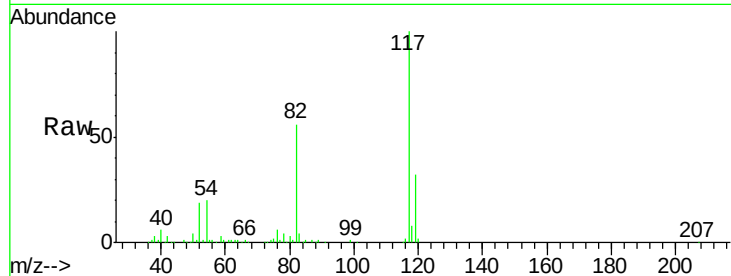




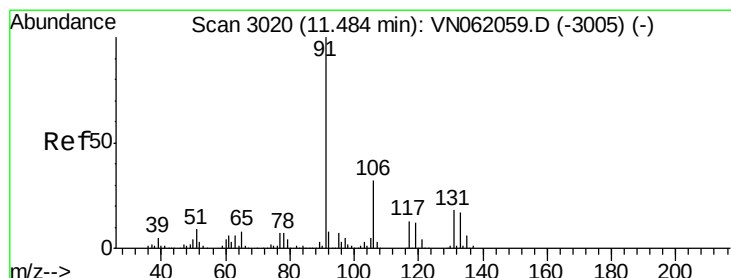
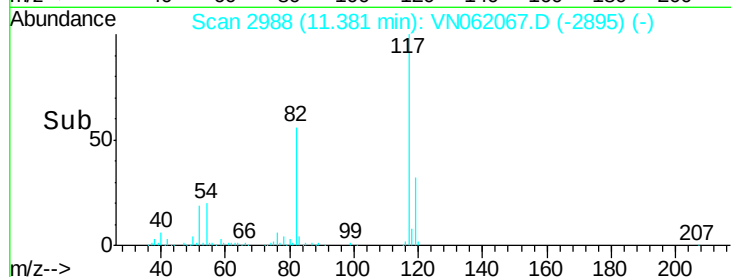
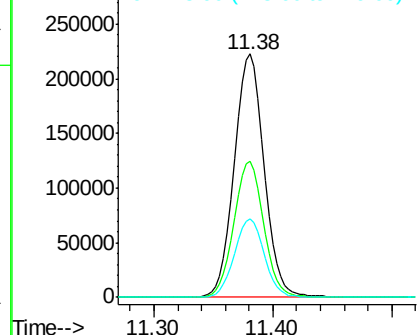
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062067.D
Acq: 24 Jun 2020 17:00

Instrument :
MSVOA_N
ClientSampleId :
TW-7DL

Tot Ion:117 Resp: 387515
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 32.1 25.2 37.8

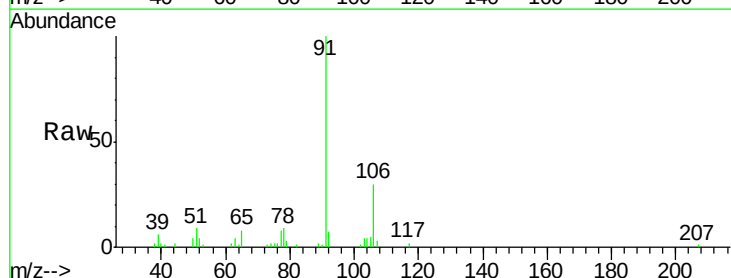


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

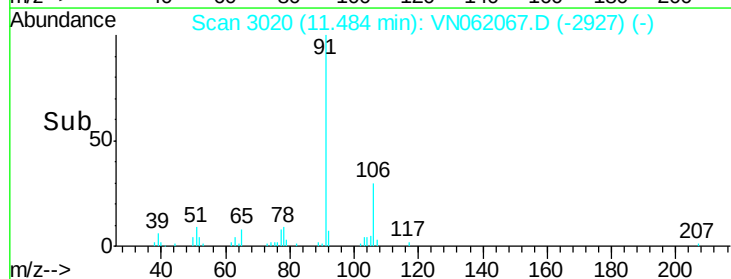
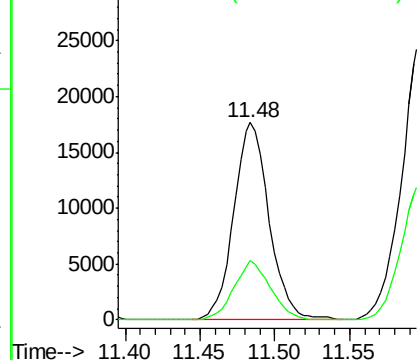


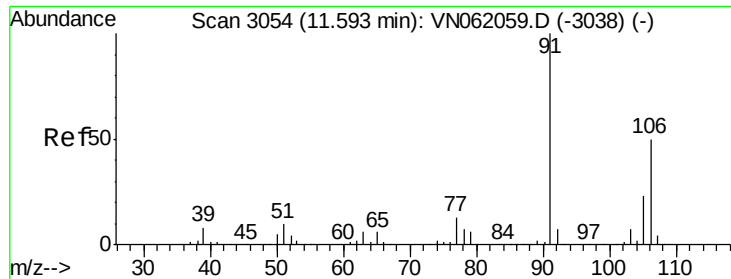
#67
Ethyl Benzene
Concen: 2.024 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062067.D
Acq: 24 Jun 2020 17:00

Tgt Ion: 91 Resp: 29087
Ion Ratio Lower Upper
91 100
106 29.8 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 4.175 ug/l

RT: 11.60 min Scan# 3056

Delta R.T. 0.01 min

Lab File: VN062067.D

Acq: 24 Jun 2020 17:00

Instrument :

MSVOA_N

ClientSampleId :

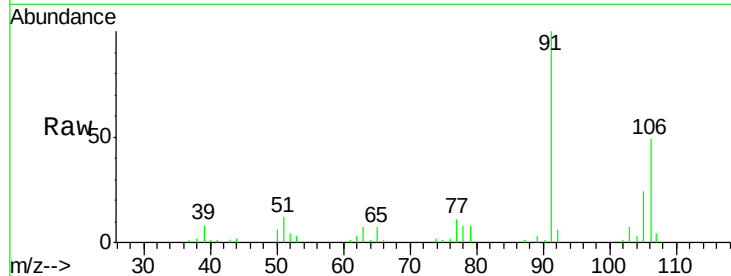
TW-7DL

Tot Ion:106 Resp: 23210

Ion Ratio Lower Upper

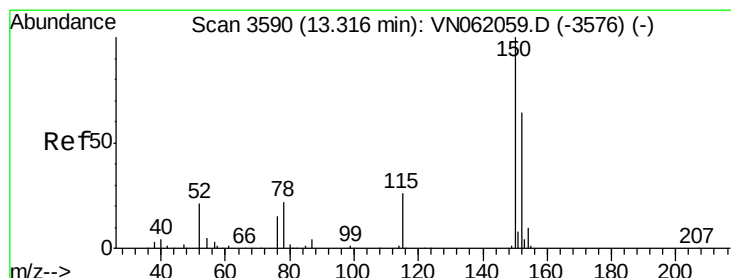
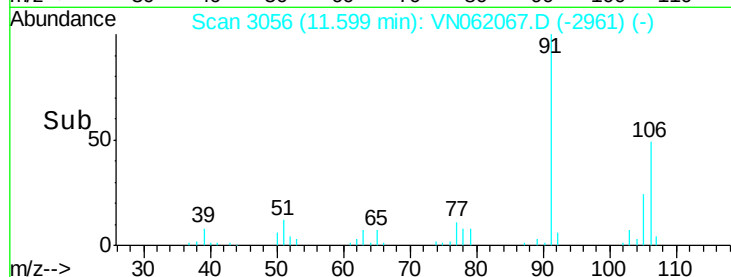
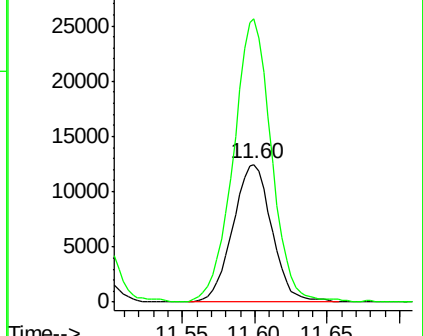
106 100

91 200.7 157.8 236.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062067.D

Acq: 24 Jun 2020 17:00

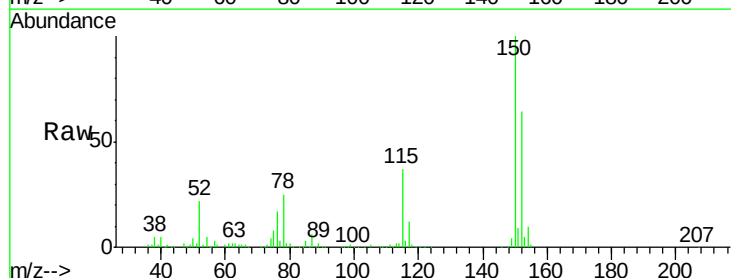
Tgt Ion:152 Resp: 159897

Ion Ratio Lower Upper

152 100

115 62.1 29.5 88.5

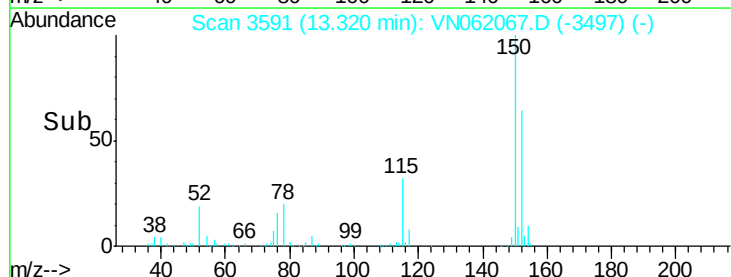
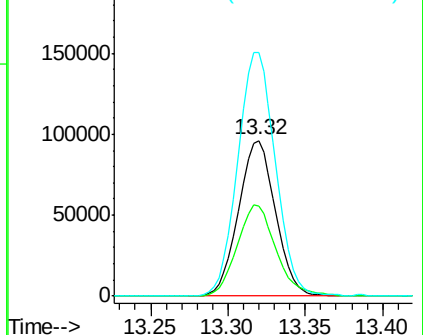
150 159.7 0.0 351.4

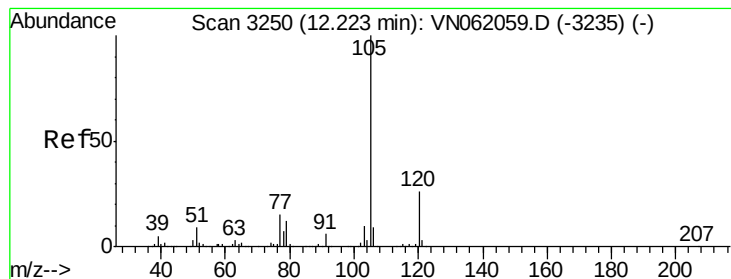


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.626 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062067.D

Acq: 24 Jun 2020 17:00

Instrument :

MSVOA_N

ClientSampleId :

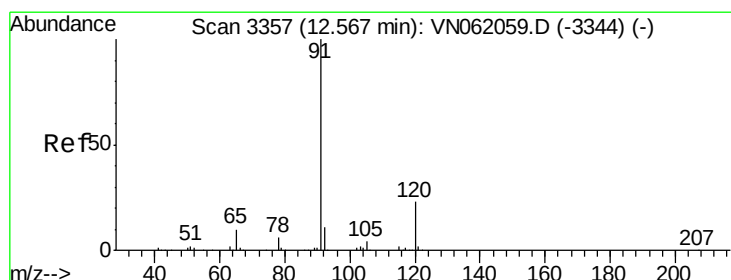
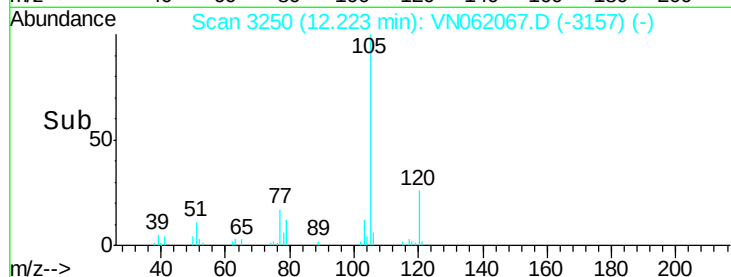
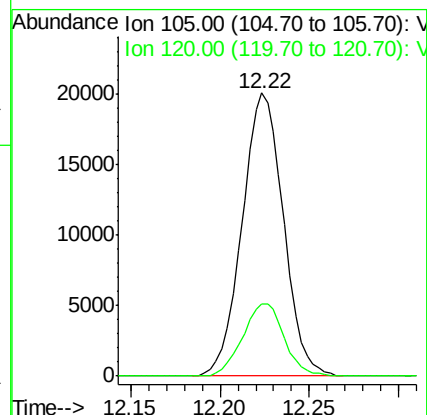
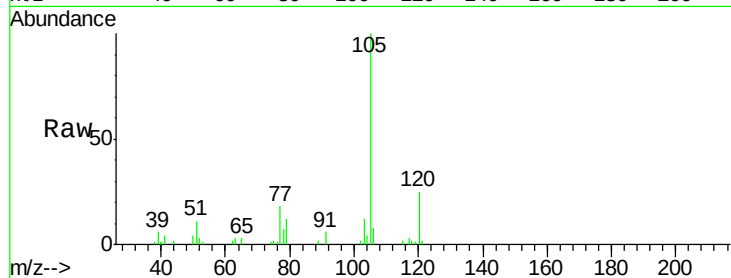
TW-7DL

Tot Ion:105 Resp: 32509

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.6



#78

n-propylbenzene

Concen: 3.331 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062067.D

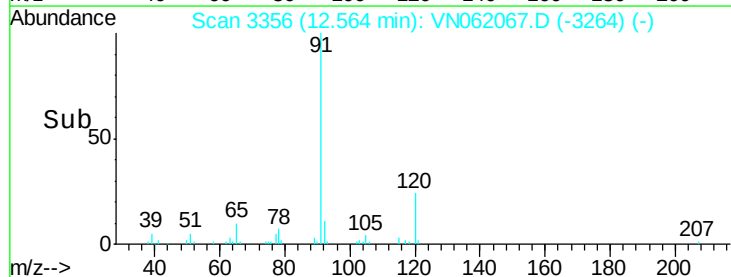
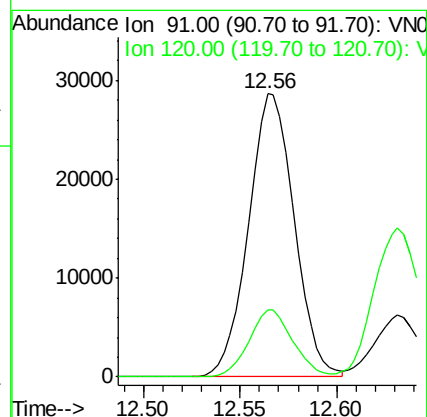
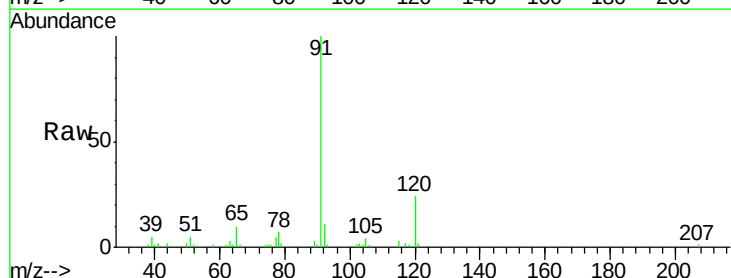
Acq: 24 Jun 2020 17:00

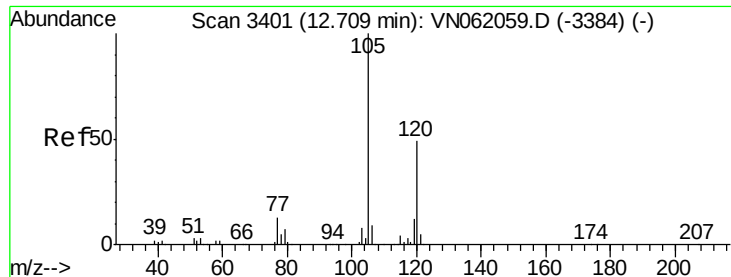
Tgt Ion: 91 Resp: 47155

Ion Ratio Lower Upper

91 100

120 22.7 11.4 34.1

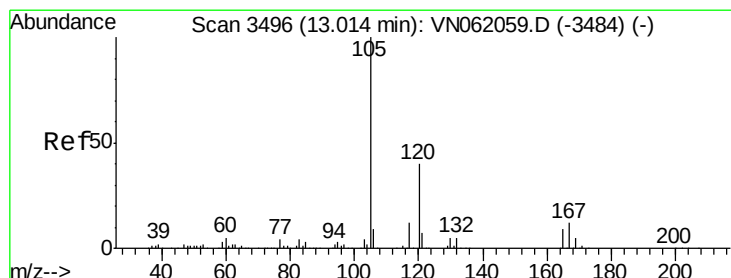
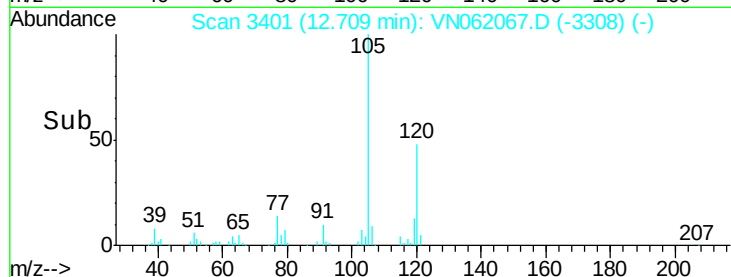
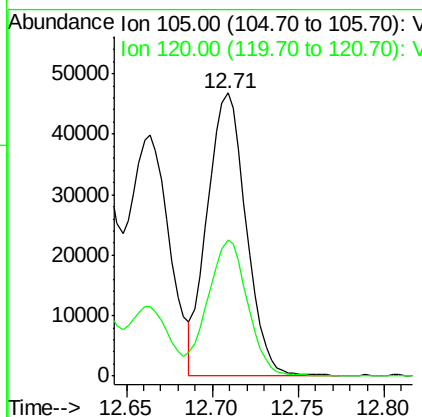
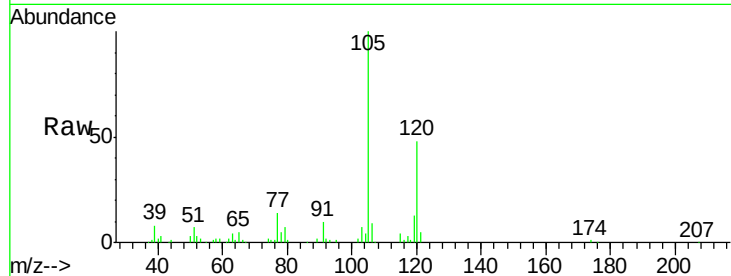




#80
 1,3,5-Trimethylbenzene
 Concen: 7.356 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062067.D
 Acq: 24 Jun 2020 17:00

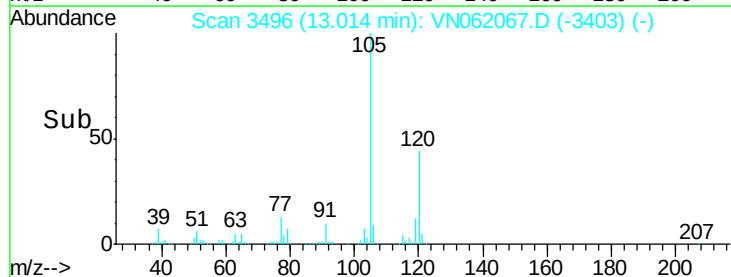
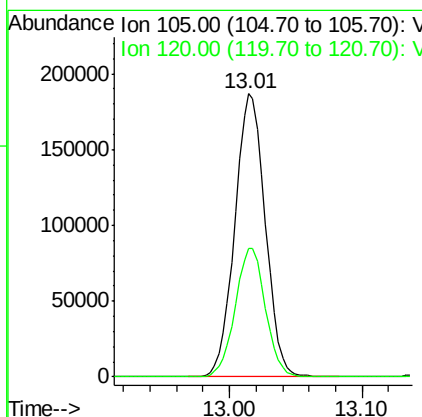
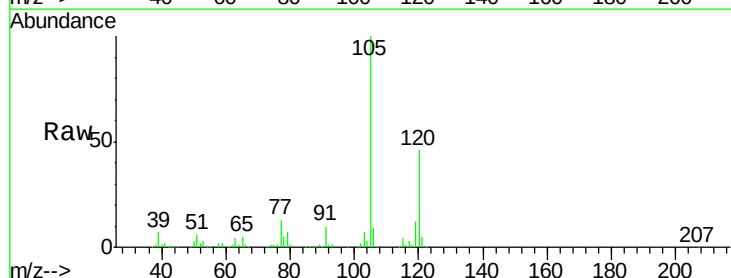
Instrument :
 MSVOA_N
 ClientSampled :
 TW-7DL

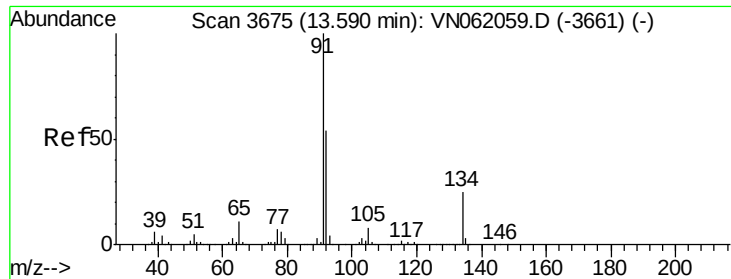
Tot Ion:105 Resp: 73803
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0



#84
 1,2,4-Trimethylbenzene
 Concen: 29.653 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062067.D
 Acq: 24 Jun 2020 17:00

Tgt Ion:105 Resp: 297151
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.5

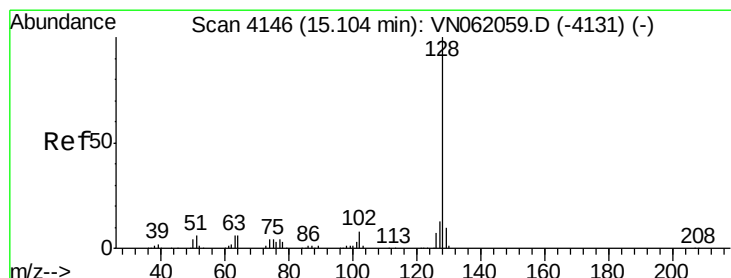
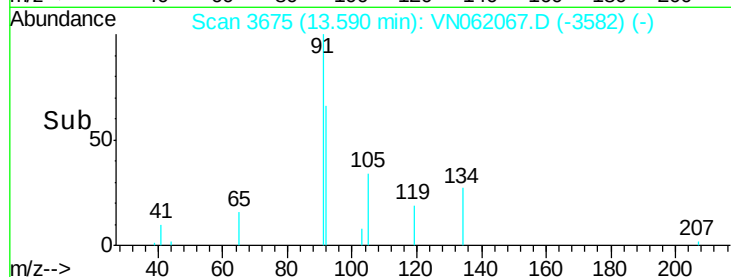
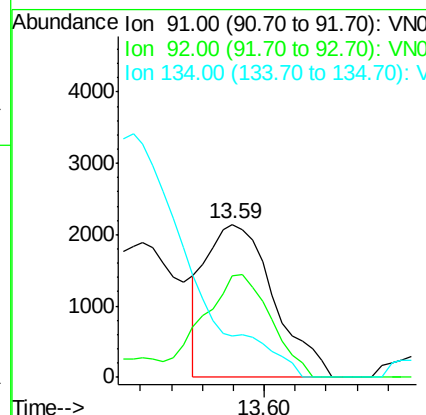
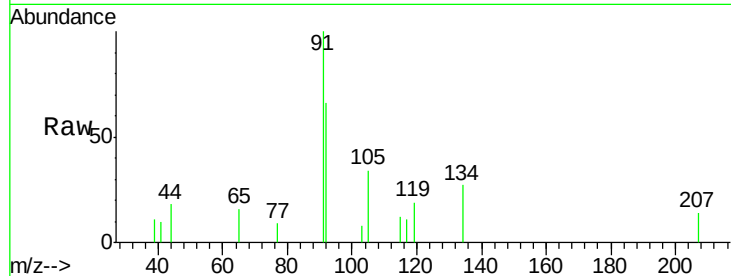




#89
n-Butylbenzene
Concen: 0.394 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062067.D
Acq: 24 Jun 2020 17:00

Instrument :
MSVOA_N
ClientSampled :
TW-7DL

Tot Ion: 91 Resp: 3258
Ion Ratio Lower Upper
91 100
92 67.9 26.6 79.7
134 0.0 12.3 36.9#



#95
Naphthalene
Concen: 8.007 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062067.D
Acq: 24 Jun 2020 17:00

Tgt Ion: 128 Resp: 33235
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.6 8.6 13.0

