

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062115.D
 Acq On : 25 Jun 2020 16:53
 Operator : JC/MD
 Sample : L3020-17DL 20X
 Misc : 5.34g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)DL

Quant Time: Jun 26 03:48:34 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	236421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	430415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195086	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	155659	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.84%		
35) Dibromofluoromethane	7.55	113	134280	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.04%		
50) Toluene-d8	10.06	98	556048	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.52%		
62) 4-Bromofluorobenzene	12.38	95	202043	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.12%		

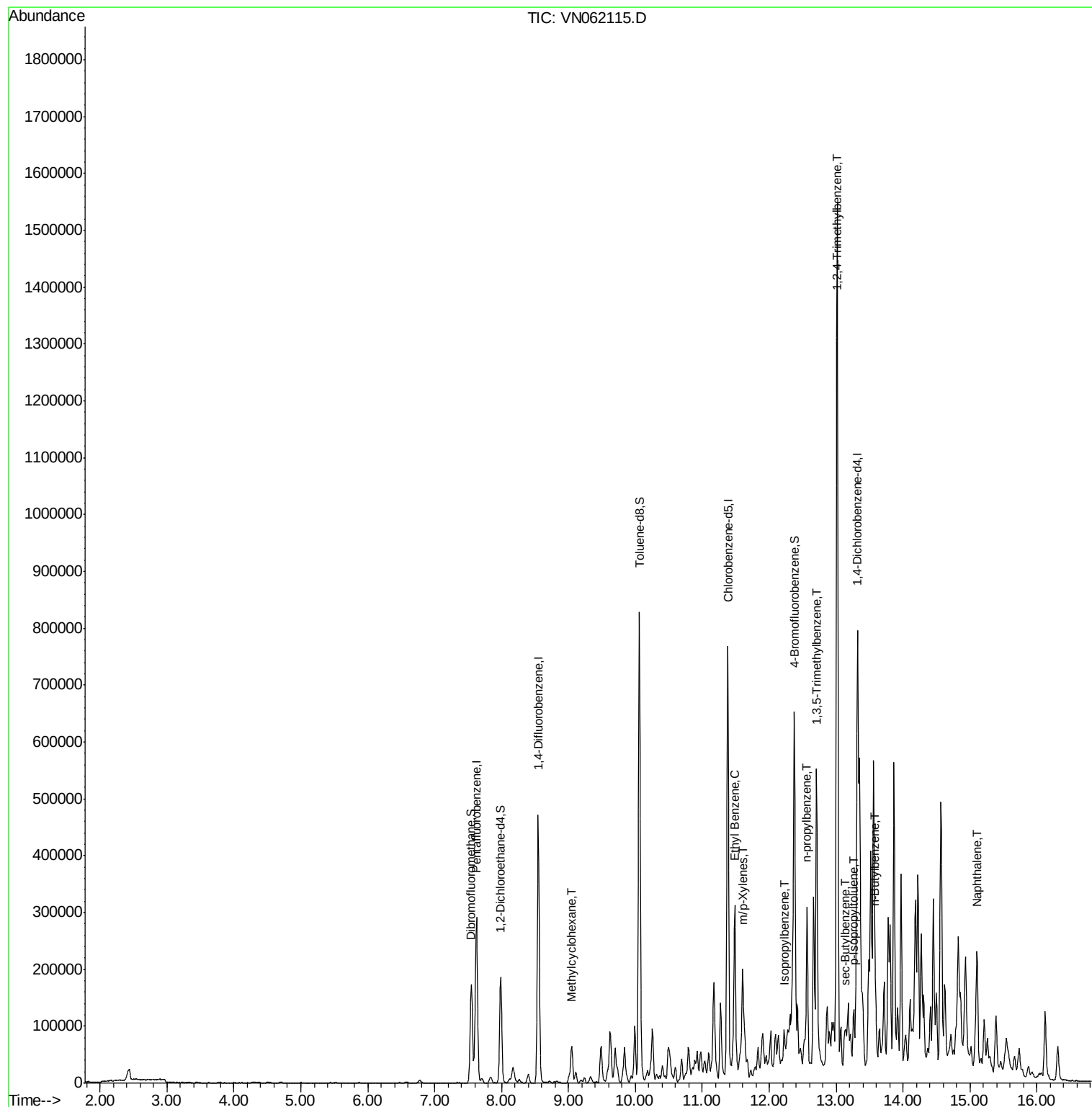
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.05	83	24707	5.201	ug/l	98
67) Ethyl Benzene	11.48	91	209542	13.127	ug/l	99
68) m/p-Xylenes	11.60	106	49019	7.939	ug/l	99
73) Isopropylbenzene	12.22	105	43779	2.899	ug/l	99
78) n-propylbenzene	12.56	91	219824	12.726	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	258913	21.150	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	876975	71.728	ug/l	100
85) sec-Butylbenzene	13.15	105	28020	2.024	ug/l #	53
86) p-Isopropyltoluene	13.26	119	14475	1.193	ug/l	98
89) n-Butylbenzene	13.59	91	60728	6.023	ug/l #	75
95) Naphthalene	15.10	128	158986	19.726	ug/l	99

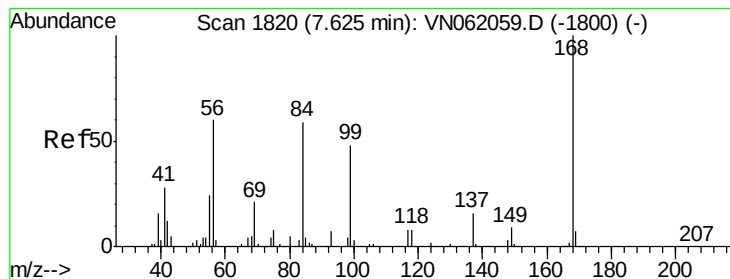
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
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MW-27(16.5-18.5)DL

Quant Time: Jun 26 03:48:34 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: VN062115.D

Acq: 25 Jun 2020 16:53

Instrument :

MSVOA_N

ClientSampleId :

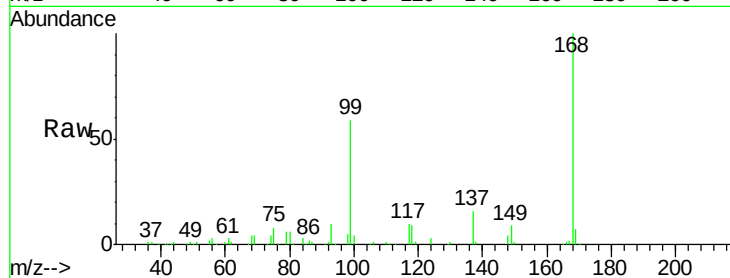
MW-27(16.5-18.5)DL

Tgt Ion:168 Resp: 236421

Ion Ratio Lower Upper

168 100

99 58.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

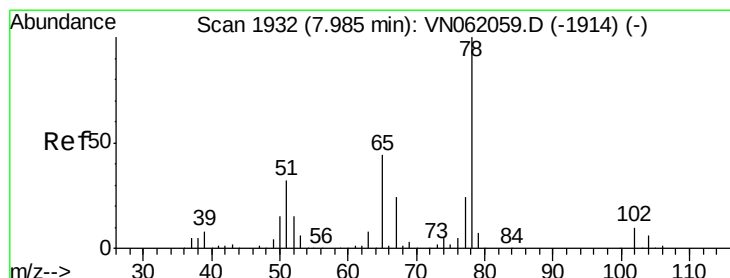
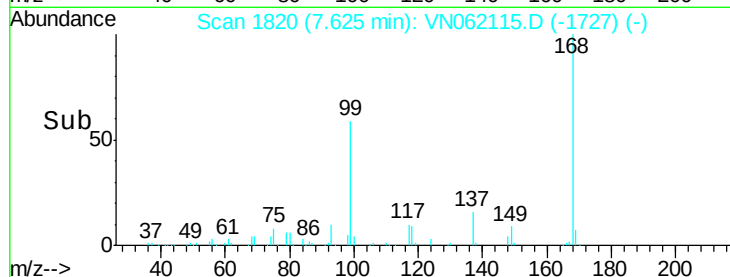
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 46.917 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062115.D

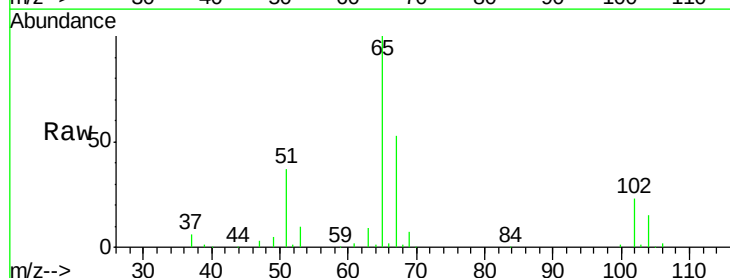
Acq: 25 Jun 2020 16:53

Tgt Ion: 65 Resp: 155659

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

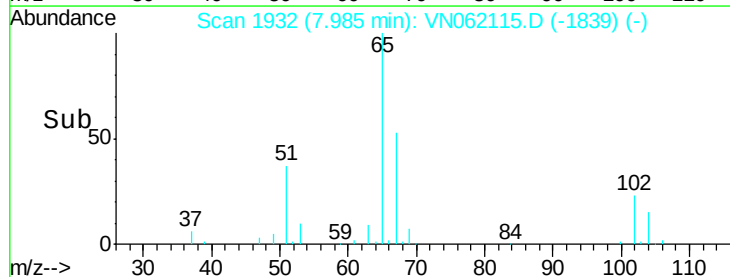
60000

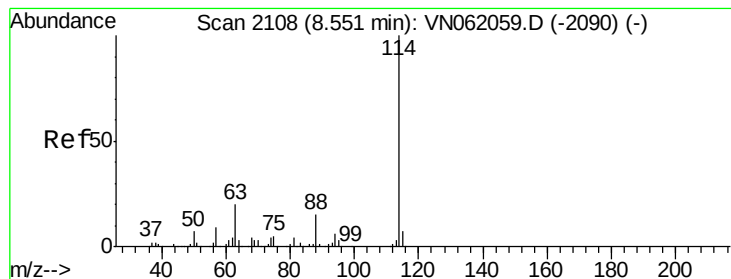
40000

20000

0

Time--> 7.90 8.00 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: VN062115.D

Acq: 25 Jun 2020 16:53

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)DL

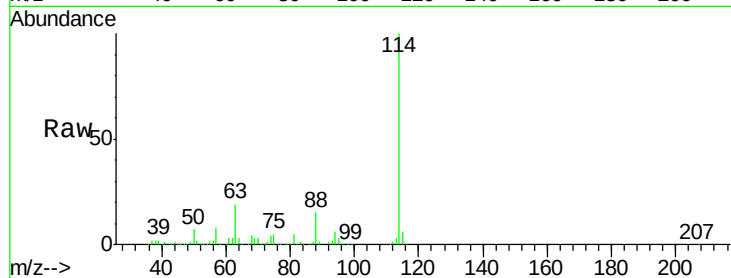
Tgt Ion:114 Resp: 431372

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

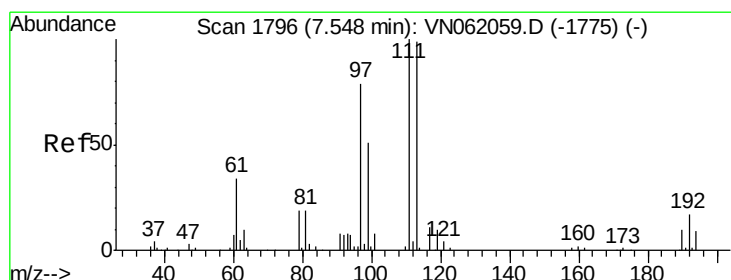
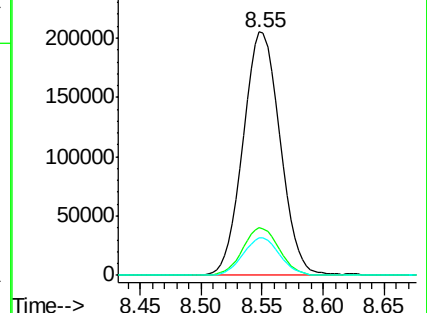
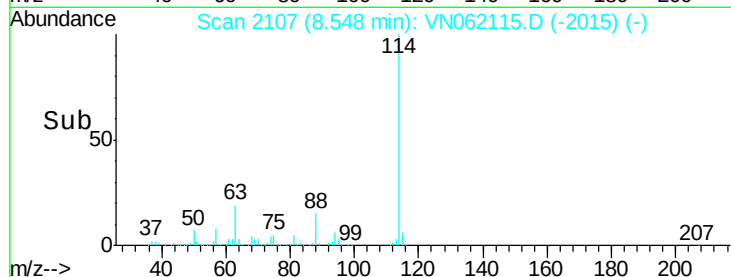
88 15.2 0.0 30.8



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: 48.521 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062115.D

Acq: 25 Jun 2020 16:53

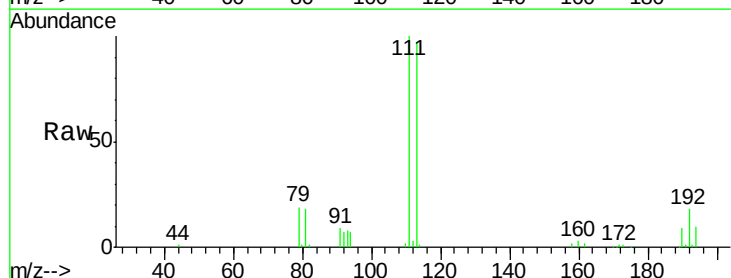
Tgt Ion:113 Resp: 134280

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

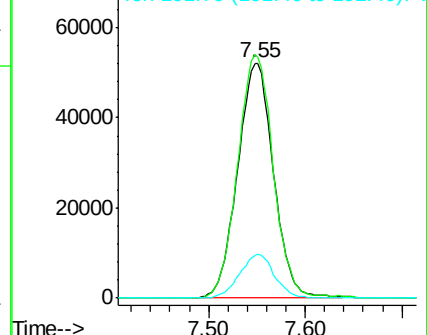
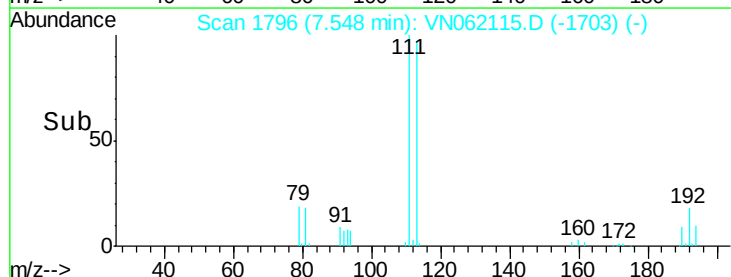
192 18.0 14.0 21.0

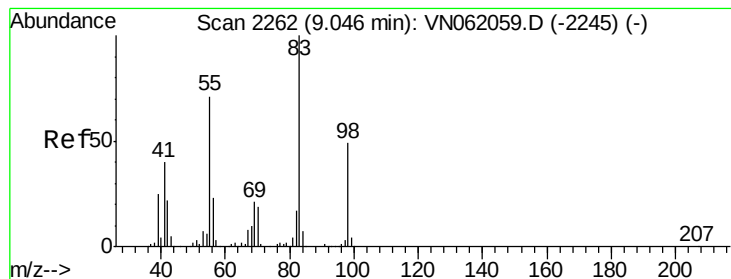


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 5.201 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062115.D

Acq: 25 Jun 2020 16:53

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)DL

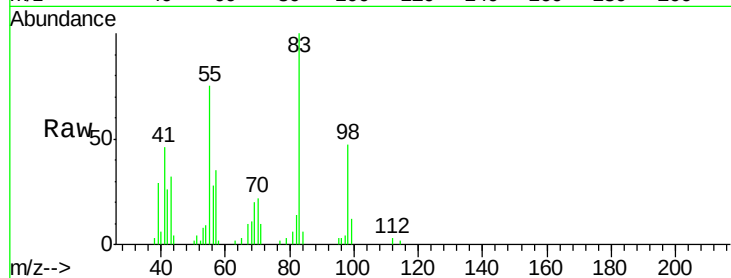
Tgt Ion: 83 Resp: 24707

Ion Ratio Lower Upper

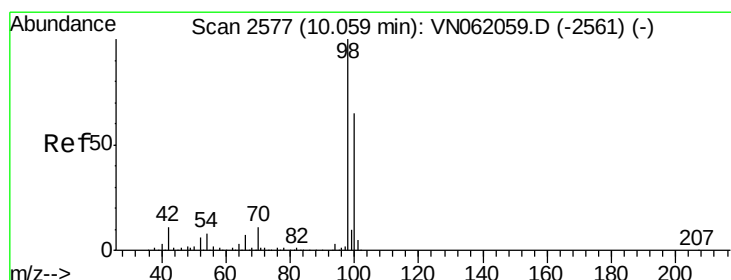
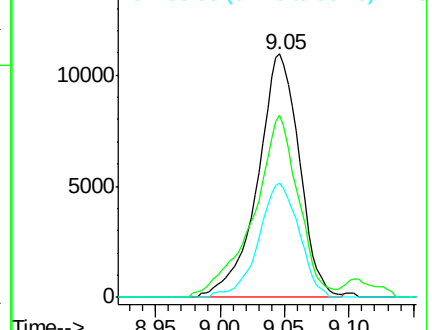
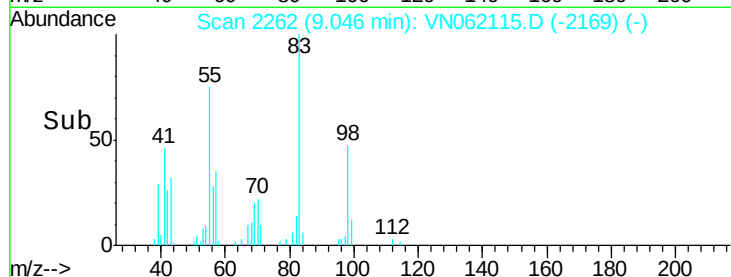
83 100

55 73.1 57.0 85.6

98 46.9 39.0 58.6



Abundance Ion 83.00 (82.70 to 83.70): VN062115.D (-2169) (-)



#50

Toluene-d8

Concen: 50.264 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062115.D

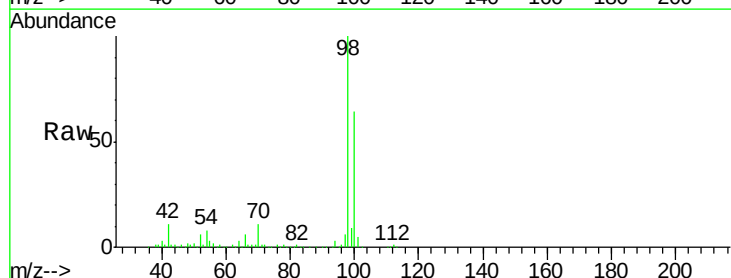
Acq: 25 Jun 2020 16:53

Tgt Ion: 98 Resp: 556048

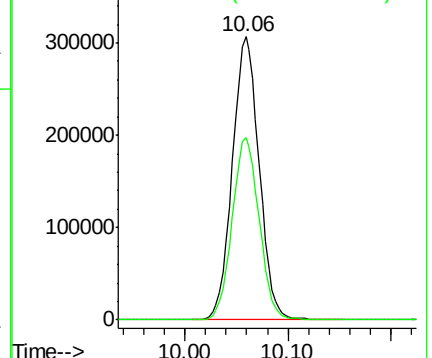
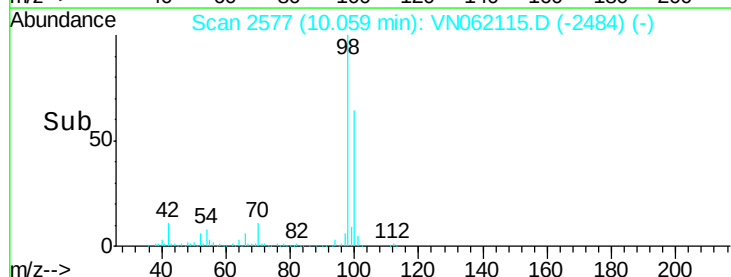
Ion Ratio Lower Upper

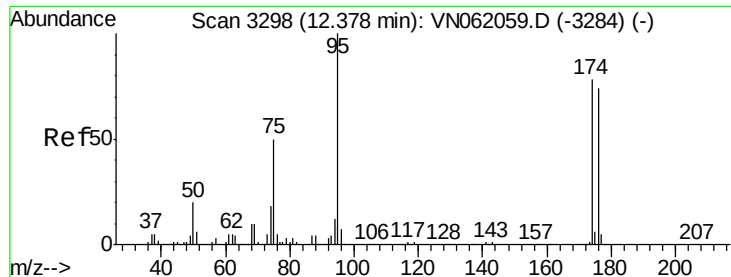
98 100

100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062115.D (-2484) (-)

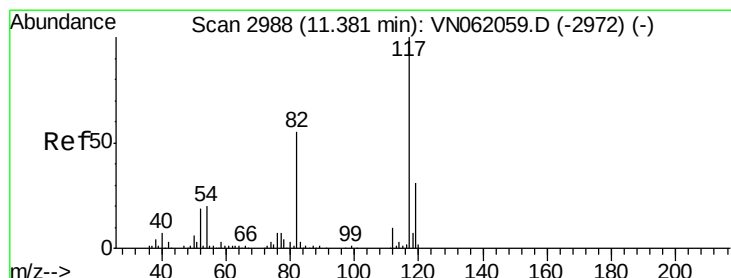
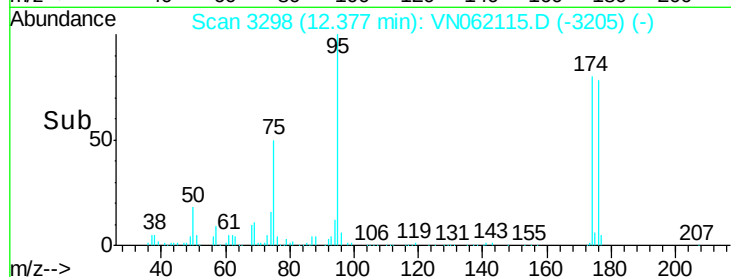
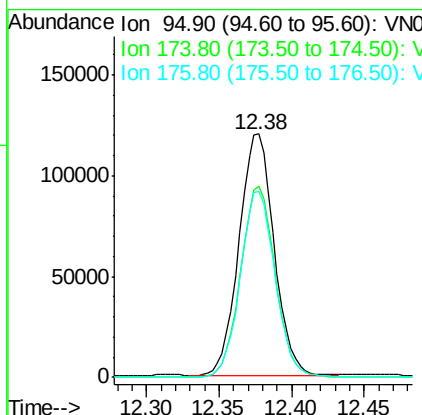
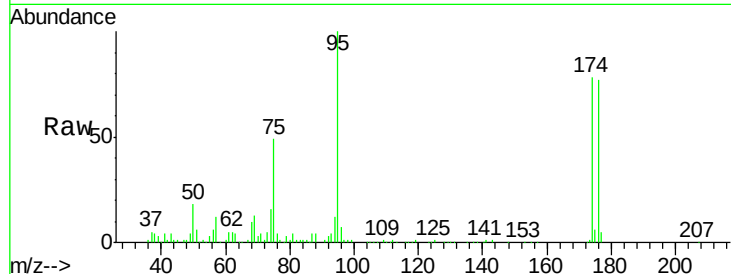




#62
4-Bromofluorobenzene
Concen: 54.058 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062115.D
Acq: 25 Jun 2020 16:53

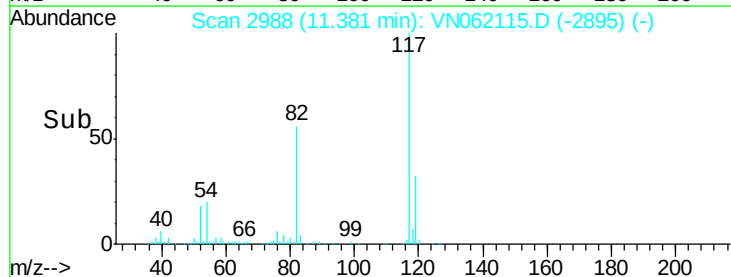
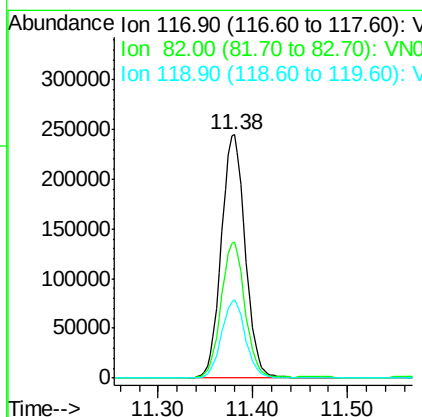
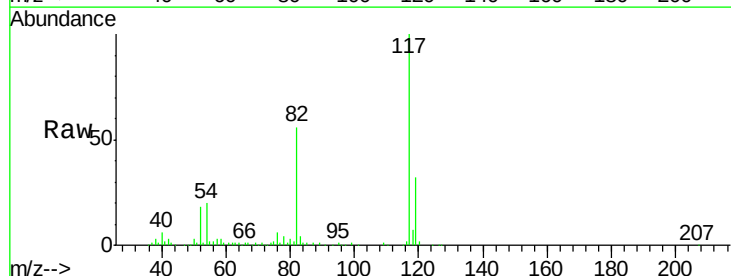
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)DL

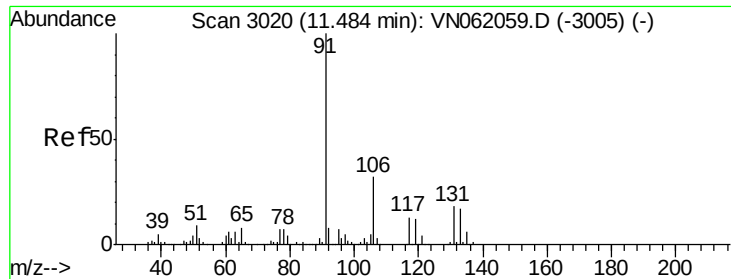
Tgt Ion: 95 Resp: 202043
Ion Ratio Lower Upper
95 100
174 78.3 0.0 154.8
176 76.5 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062115.D
Acq: 25 Jun 2020 16:53

Tgt Ion: 117 Resp: 430415
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.0 25.2 37.8

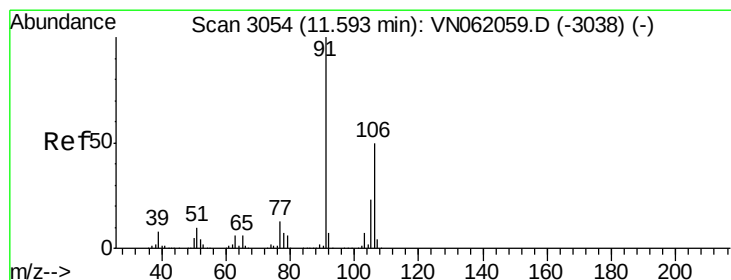
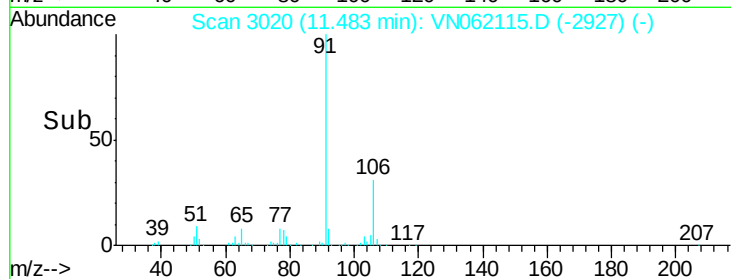
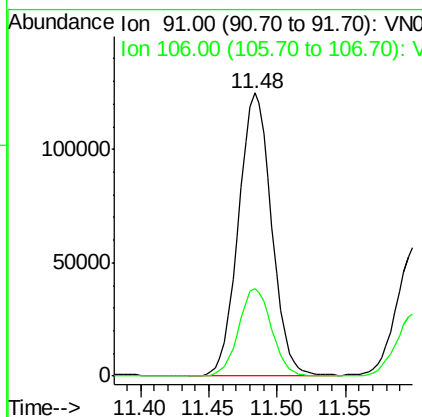
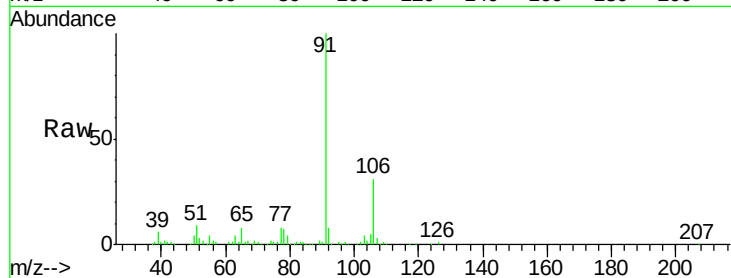




#67
 Ethyl Benzene
 Concen: 13.127 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN062115.D
 Acq: 25 Jun 2020 16:53

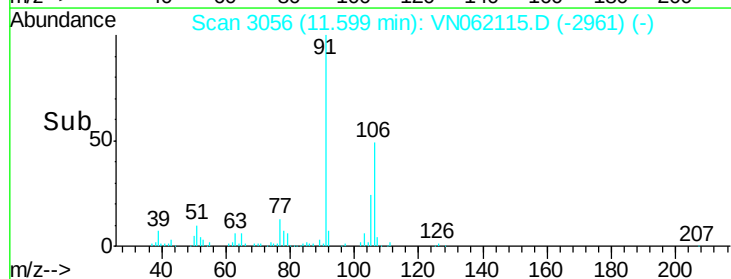
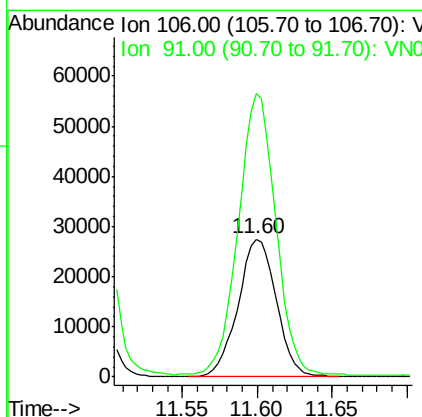
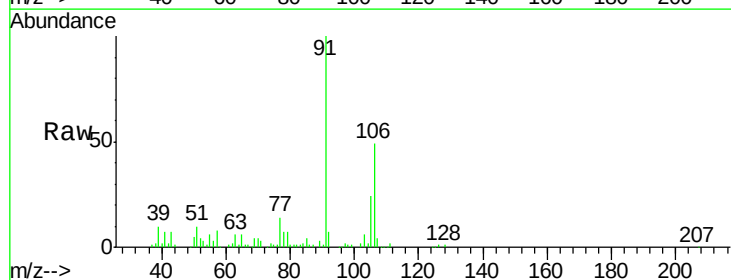
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)DL

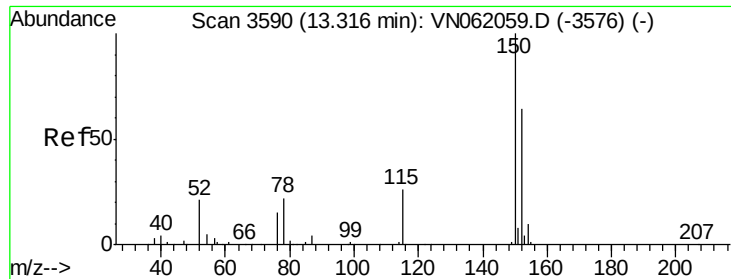
Tgt Ion: 91 Resp: 209542
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.3 37.9



#68
 m/p-Xylenes
 Concen: 7.939 ug/l
 RT: 11.60 min Scan# 3056
 Delta R.T. 0.01 min
 Lab File: VN062115.D
 Acq: 25 Jun 2020 16:53

Tgt Ion: 106 Resp: 49019
 Ion Ratio Lower Upper
 106 100
 91 198.4 157.8 236.8

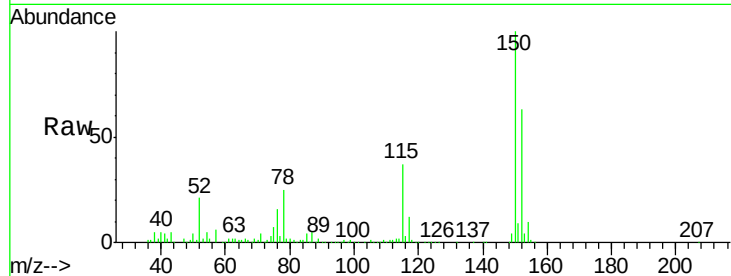




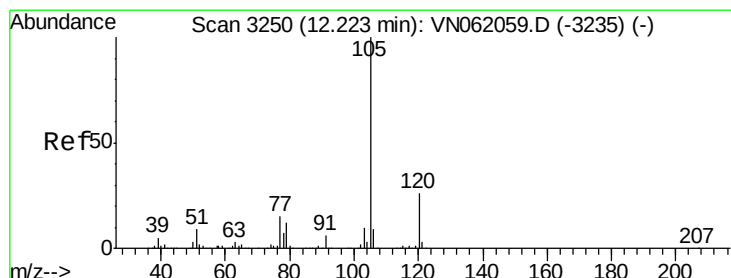
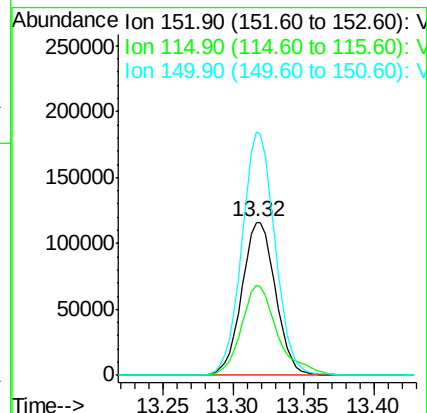
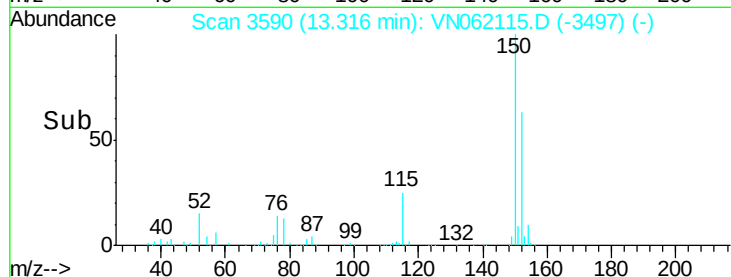
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3590
 Delta R.T. -0.00 min
 Lab File: VN062115.D
 Acq: 25 Jun 2020 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)DL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	29.5	88.5
150	156.4	0.0	351.4

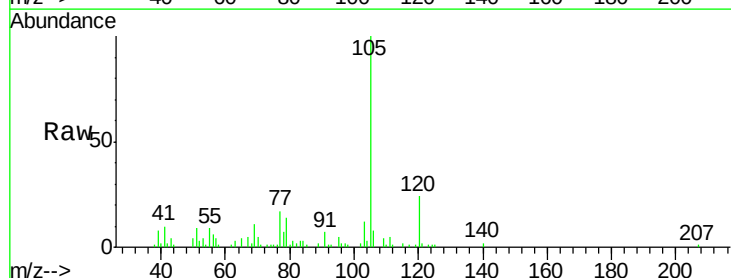


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

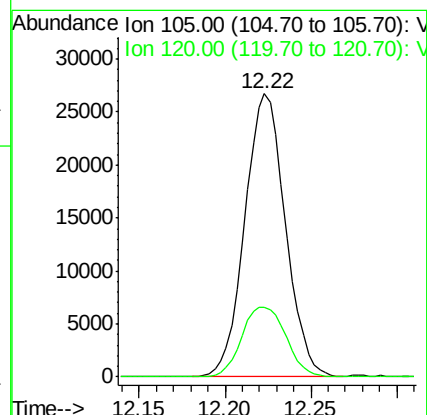
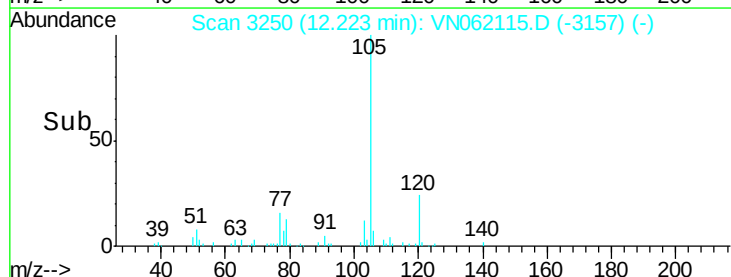


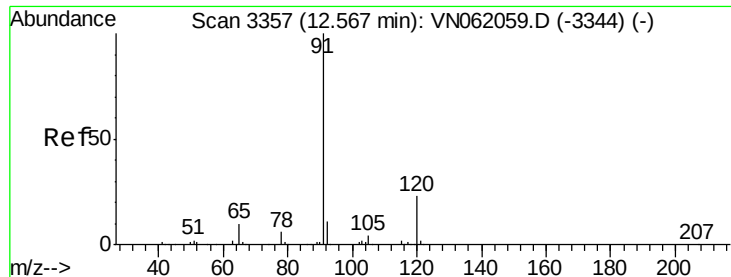
#73
 Isopropylbenzene
 Concen: 2.899 ug/l
 RT: 12.22 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VN062115.D
 Acq: 25 Jun 2020 16:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.2	39.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 12.726 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062115.D

Acq: 25 Jun 2020 16:53

Instrument :

MSVOA_N

ClientSampleId :

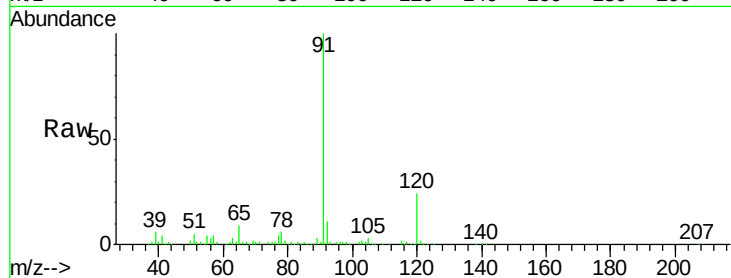
MW-27(16.5-18.5)DL

Tgt Ion: 91 Resp: 219824

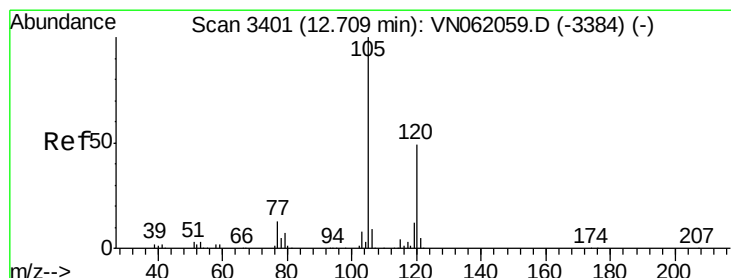
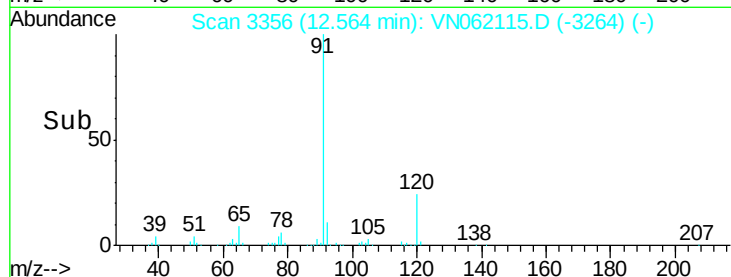
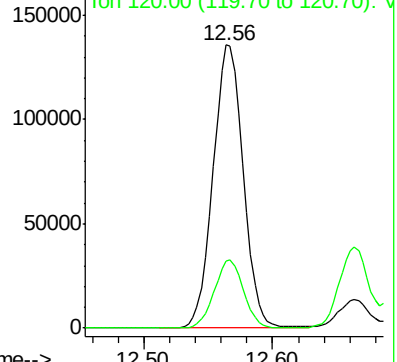
Ion Ratio Lower Upper

91 100

120 23.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN062115.D (-3356) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.150 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062115.D

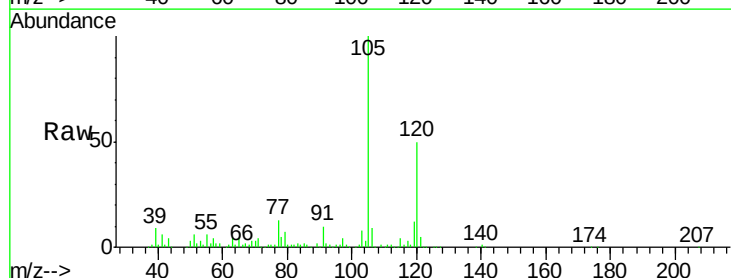
Acq: 25 Jun 2020 16:53

Tgt Ion: 105 Resp: 258913

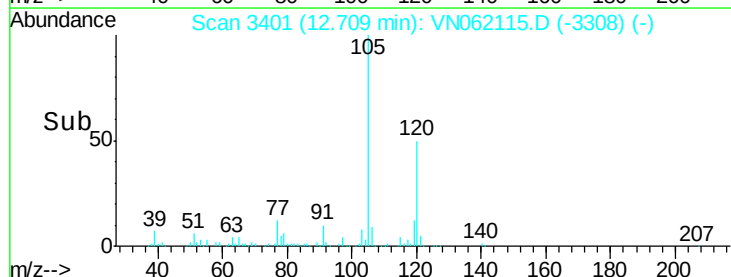
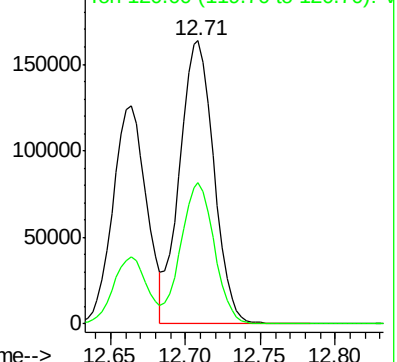
Ion Ratio Lower Upper

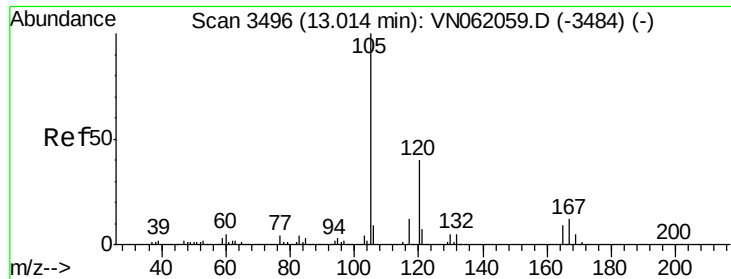
105 100

120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062115.D (-3401) (-)

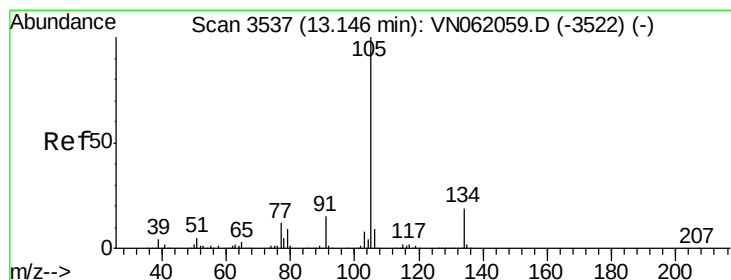
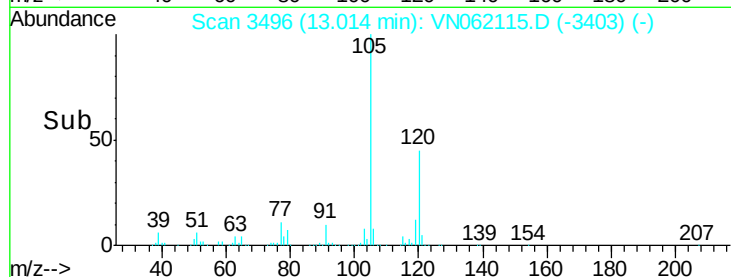
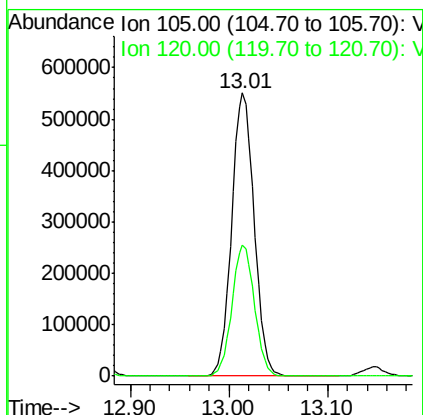
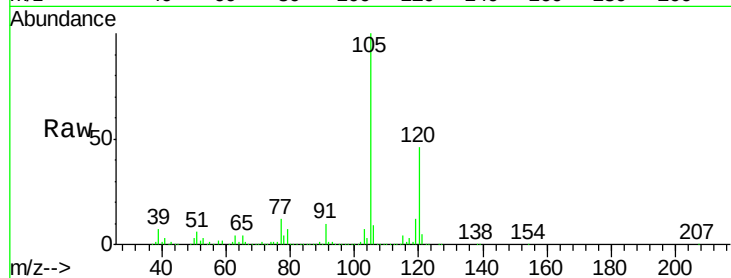




#84
 1,2,4-Trimethylbenzene
 Concen: 71.728 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062115.D
 Acq: 25 Jun 2020 16:53

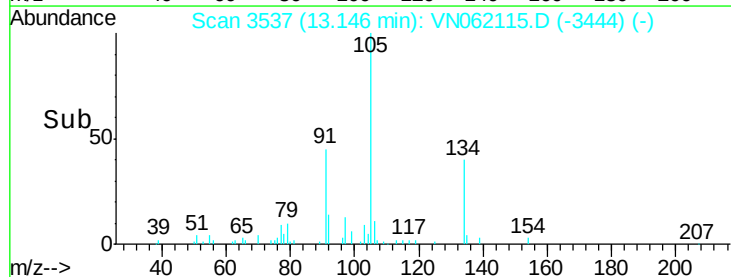
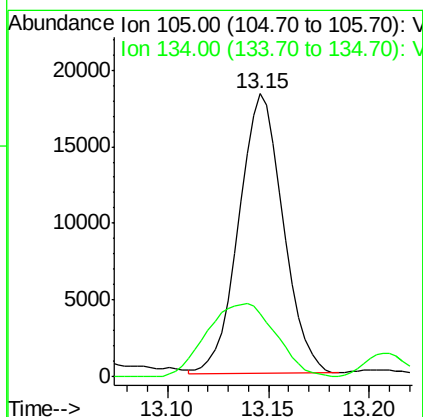
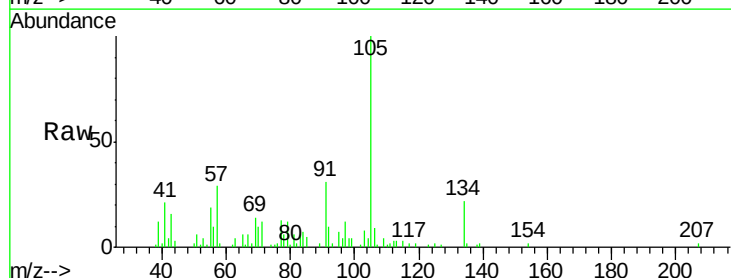
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)DL

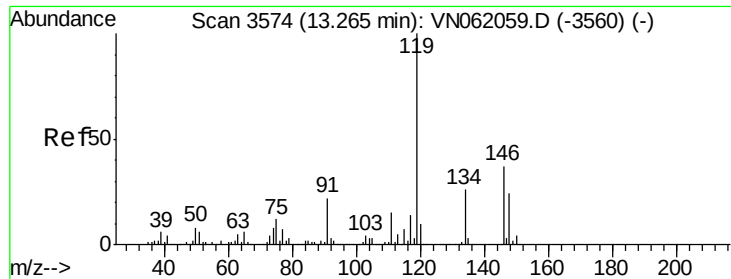
Tgt Ion:105 Resp: 876975
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 2.024 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062115.D
 Acq: 25 Jun 2020 16:53

Tgt Ion:105 Resp: 28020
 Ion Ratio Lower Upper
 105 100
 134 40.6 9.7 29.1#

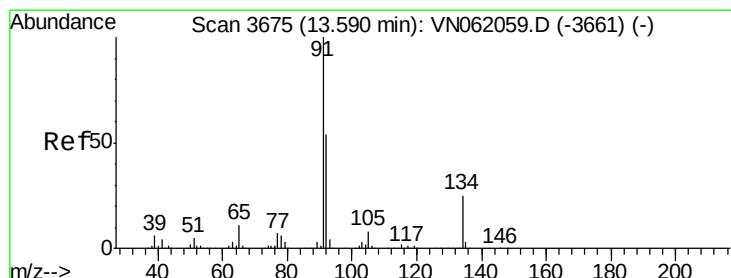
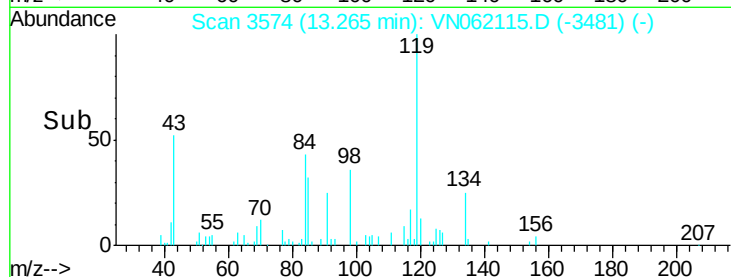
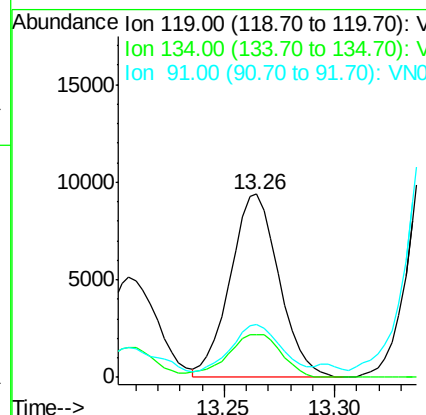
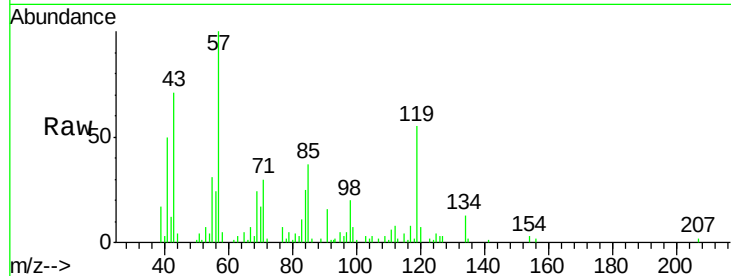




#86
 p-Isopropyltoluene
 Concen: 1.193 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062115.D
 Acq: 25 Jun 2020 16:53

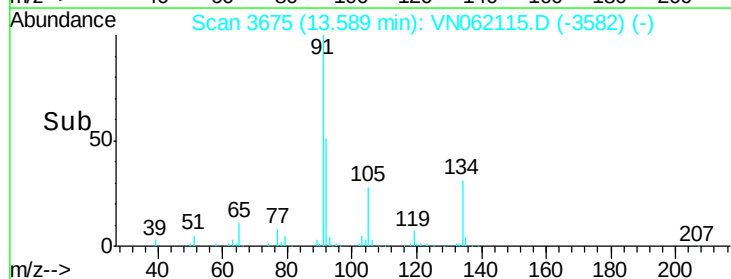
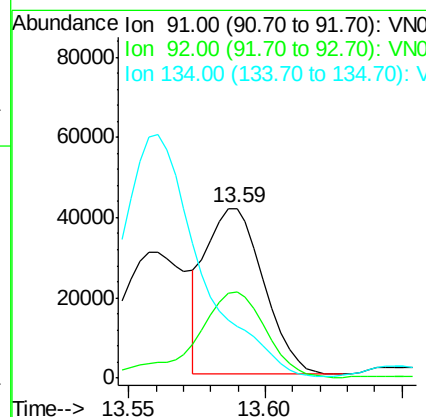
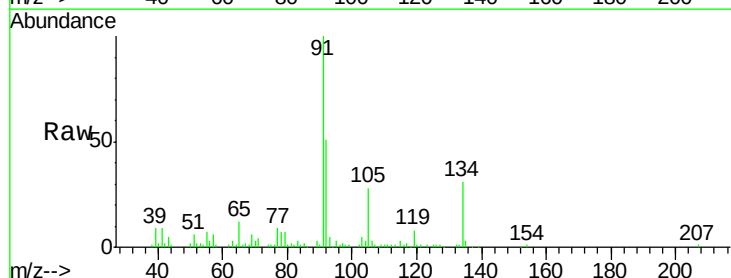
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)DL

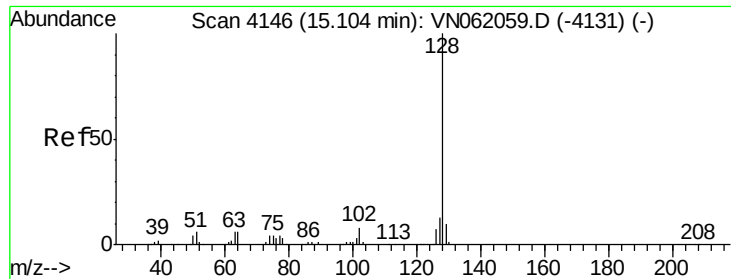
Tgt Ion: 119 Resp: 14475
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.8 11.3 33.8



#89
 n-Butylbenzene
 Concen: 6.023 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: VN062115.D
 Acq: 25 Jun 2020 16:53

Tgt Ion: 91 Resp: 60728
 Ion Ratio Lower Upper
 91 100
 92 63.1 26.6 79.7
 134 0.0 12.3 36.9#





#95
Naphthalene
Concen: 19.726 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062115.D
Acq: 25 Jun 2020 16:53

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	11.1	8.6	13.0

