

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062108.D
 Acq On : 25 Jun 2020 14:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 26 04:38:35 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	263882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	472990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186851	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	183473	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	7.55	113	148268	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	10.06	98	616807	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.37	95	211452	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	

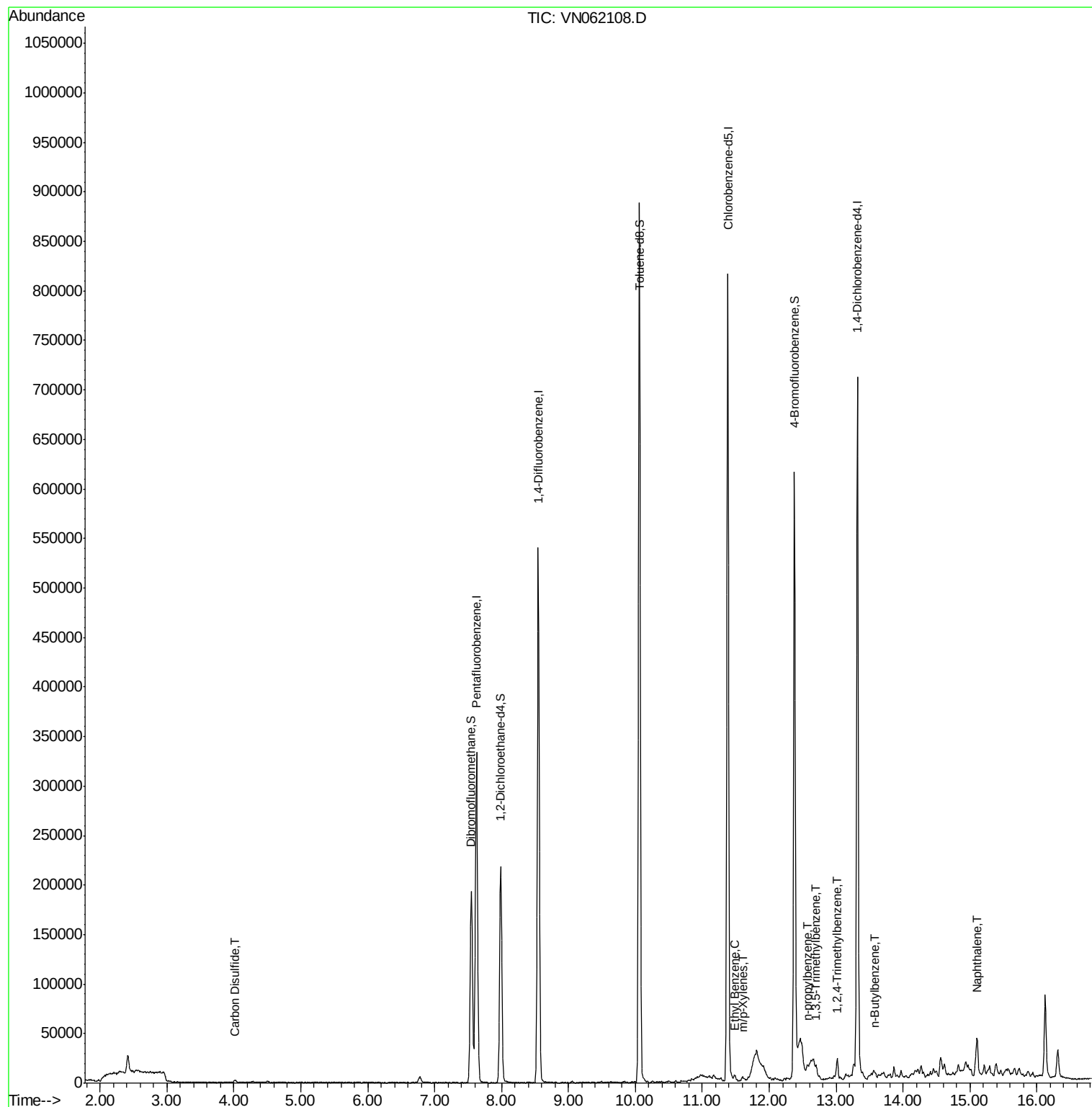
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.00	76	4118	0.525	ug/l #	85
67) Ethyl Benzene	11.48	91	4099	0.234	ug/l	97
68) m/p-Xylenes	11.60	106	2383	0.351	ug/l #	72
78) n-propylbenzene	12.57	91	4979	0.301	ug/l	91
80) 1,3,5-Trimethylbenzene	12.71	105	4179	0.356	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	11978	1.023	ug/l	95
89) n-Butylbenzene	13.59	91	4710	0.488	ug/l #	67
95) Naphthalene	15.11	128	26779	6.761	ug/l #	96

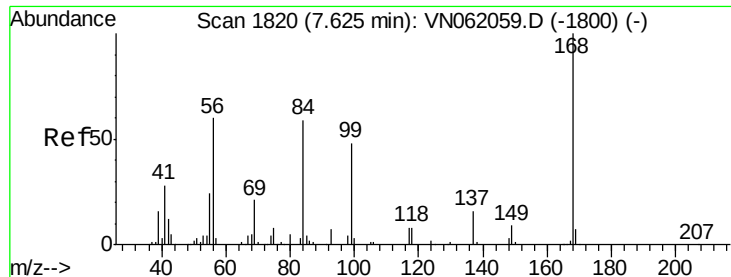
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 26 04:38:35 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: VN062108.D

Acq: 25 Jun 2020 14:04

Instrument :

MSVOA_N

ClientSampled :

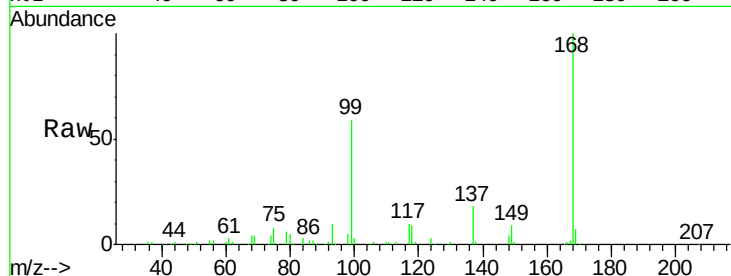
IBLK

Tot Ion:168 Resp: 263882

Ion Ratio Lower Upper

168 100

99 59.4 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

120000

100000

80000

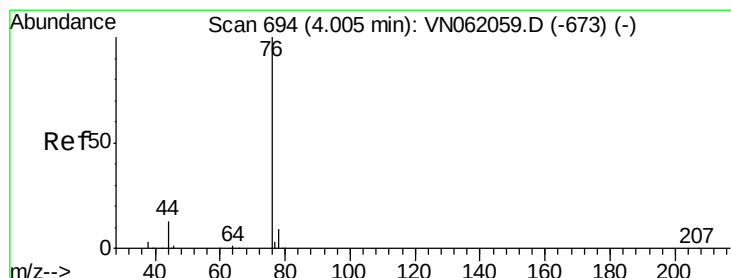
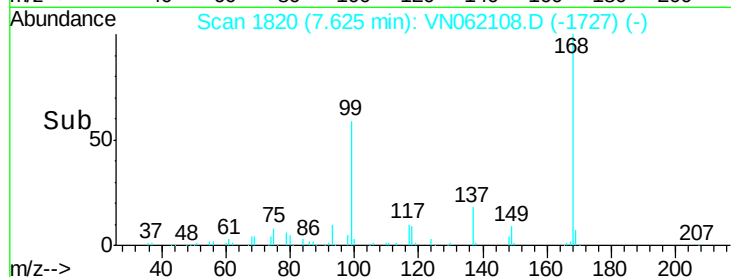
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#17

Carbon Disulfide

Concen: 0.525 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062108.D

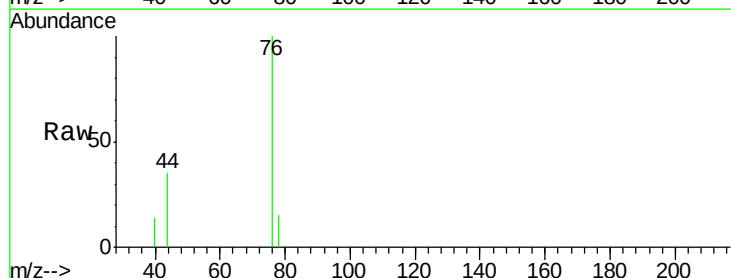
Acq: 25 Jun 2020 14:04

Tgt Ion: 76 Resp: 4118

Ion Ratio Lower Upper

76 100

78 14.6 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.00

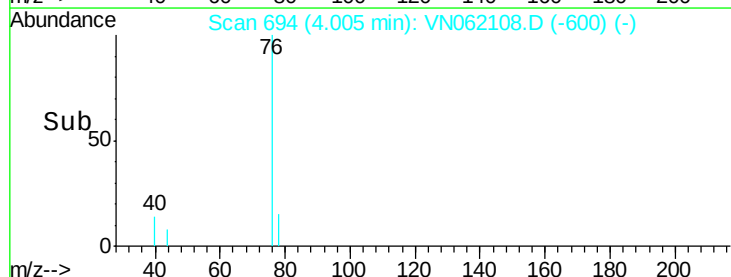
1500

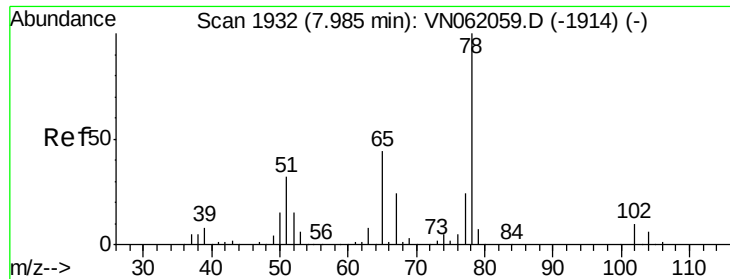
1000

500

0

Time--> 3.95 4.00 4.05

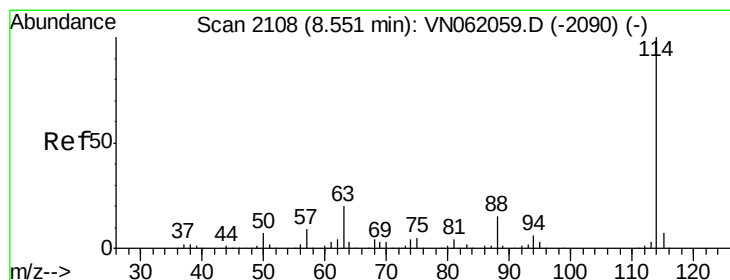
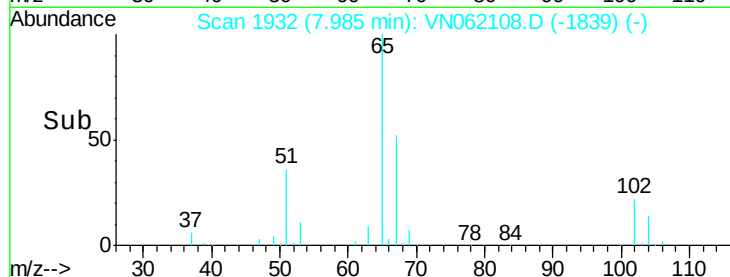
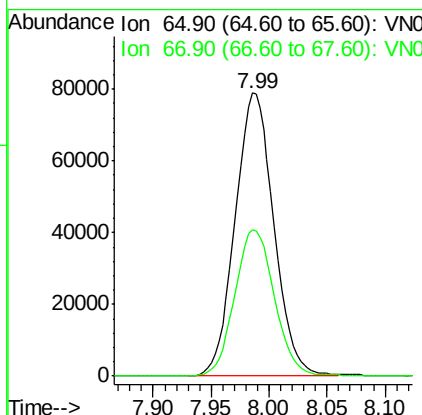
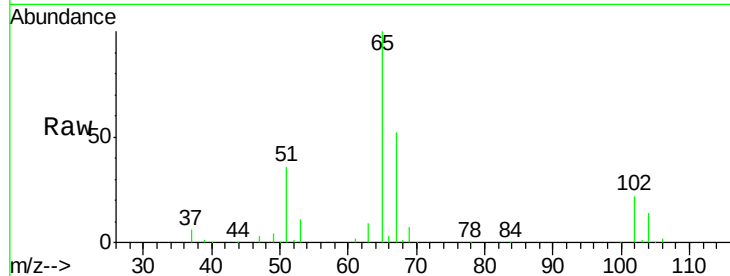




#33
 1,2-Dichloroethane-d4
 Concen: 49.545 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062108.D
 Acq: 25 Jun 2020 14:04

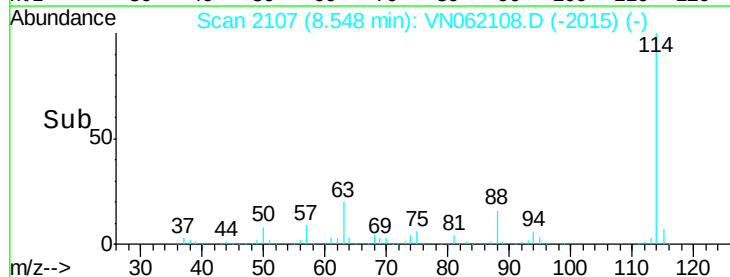
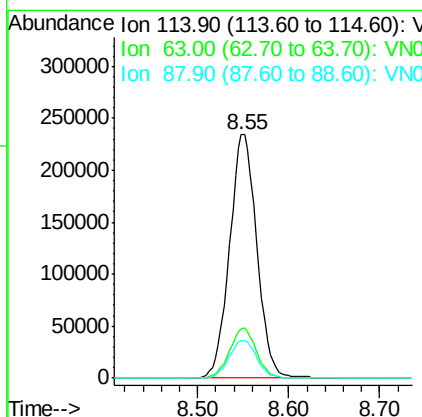
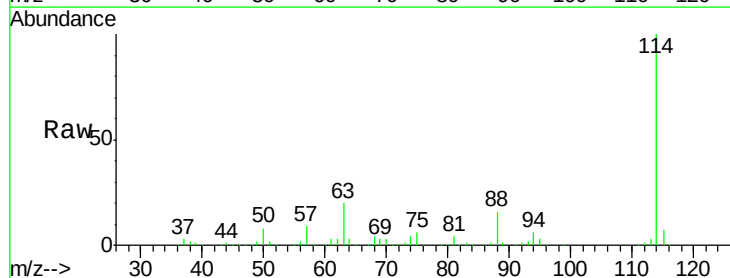
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

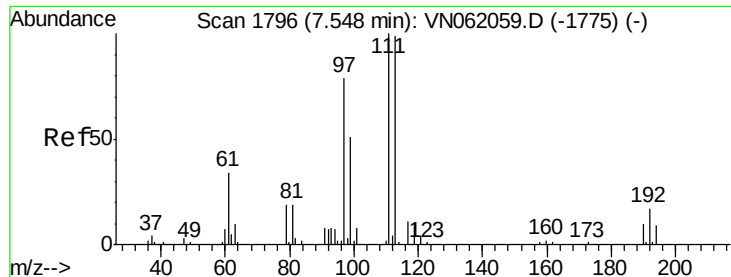
Tot Ion: 65 Resp: 183473
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062108.D
 Acq: 25 Jun 2020 14:04

Tgt Ion: 114 Resp: 487632
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.2
 88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 47.394 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062108.D

Acq: 25 Jun 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

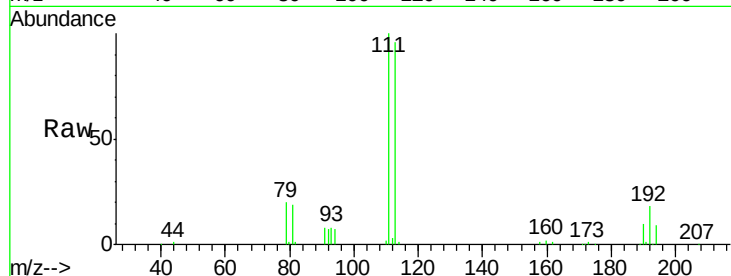
Tot Ion:113 Resp: 148268

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

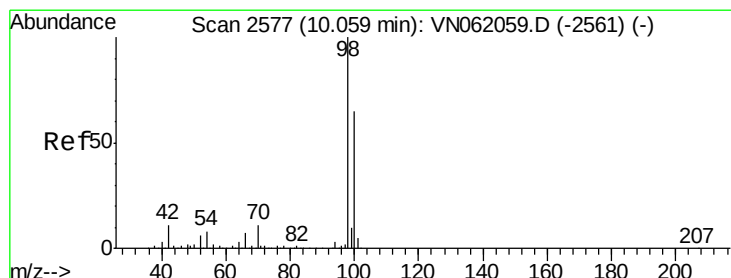
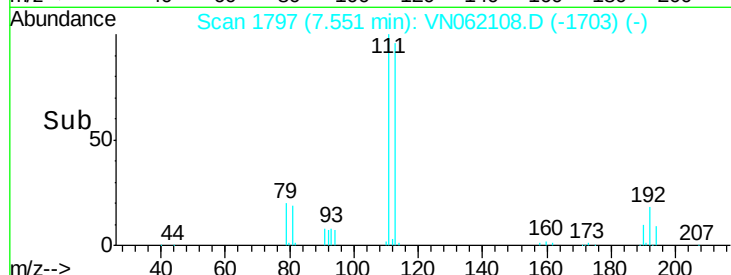
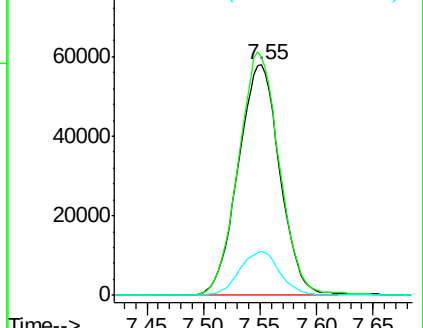
192 18.3 14.0 21.0



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



#50

Toluene-d8

Concen: 49.324 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062108.D

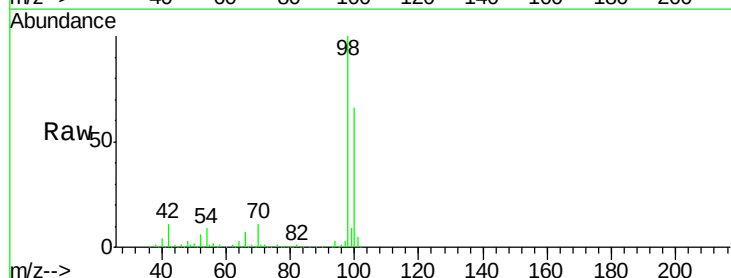
Acq: 25 Jun 2020 14:04

Tgt Ion: 98 Resp: 616807

Ion Ratio Lower Upper

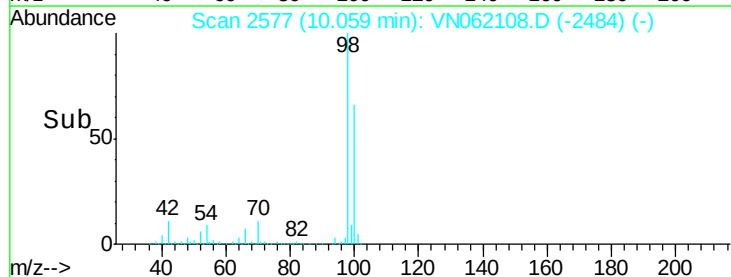
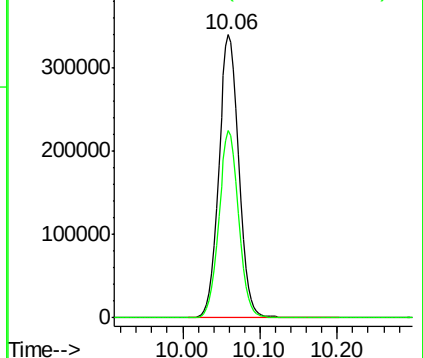
98 100

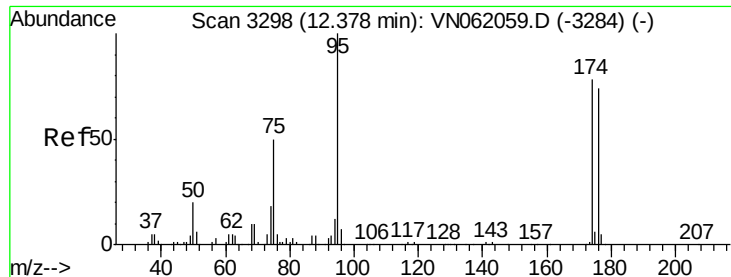
100 65.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

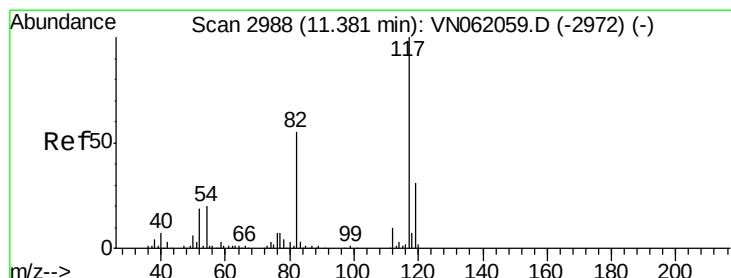
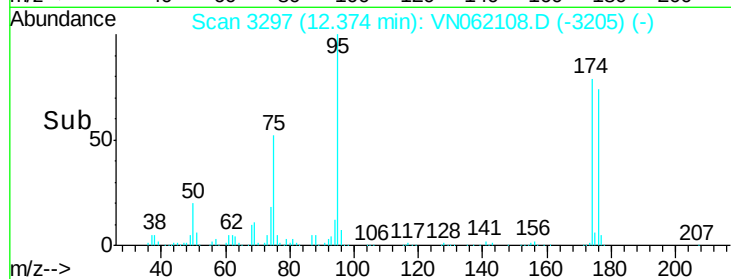
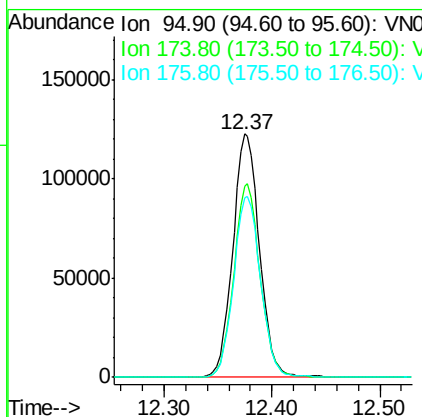
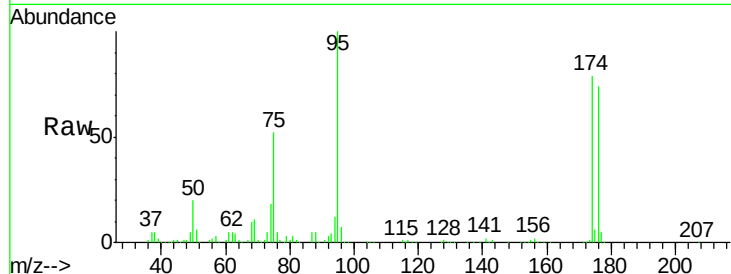




#62
4-Bromofluorobenzene
Concen: 50.048 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062108.D
Acq: 25 Jun 2020 14:04

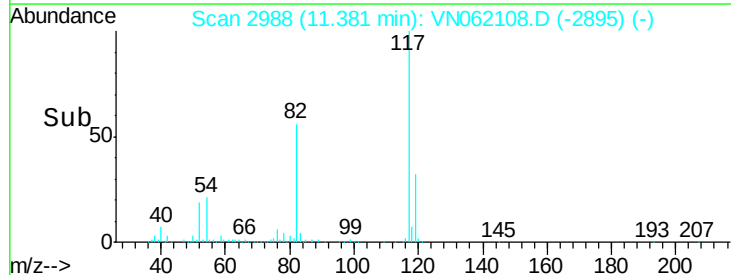
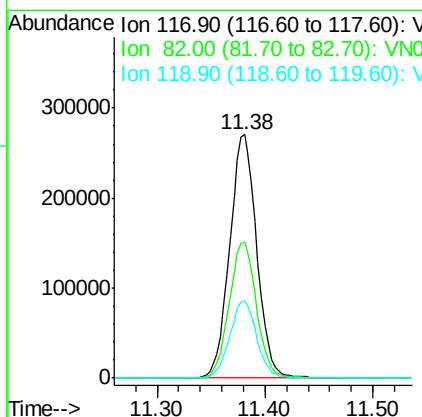
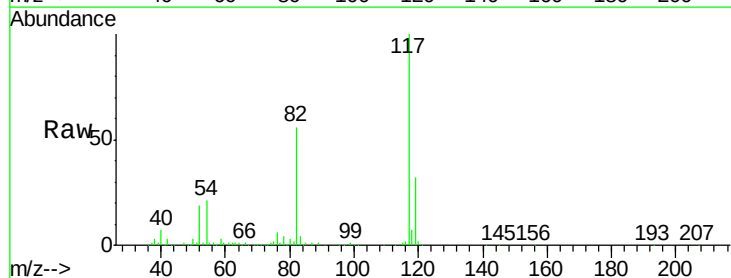
Instrument :
MSVOA_N
ClientSampleId :
IBLK

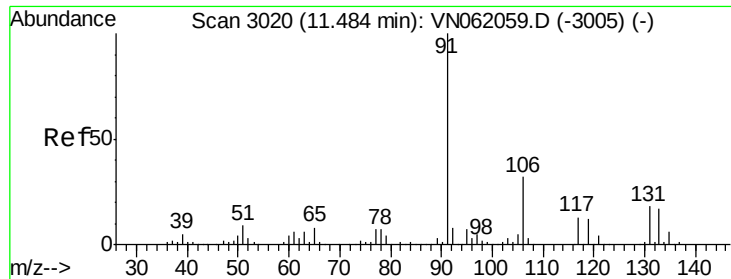
Tot Ion	95	Resp	211452
Ion Ratio	Lower	Upper	
95	100		
174	78.5	0.0	154.8
176	75.4	0.0	147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062108.D
Acq: 25 Jun 2020 14:04

Tgt Ion	117	Resp	472990
Ion Ratio	Lower	Upper	
117	100		
82	56.0	43.8	65.8
119	31.7	25.2	37.8

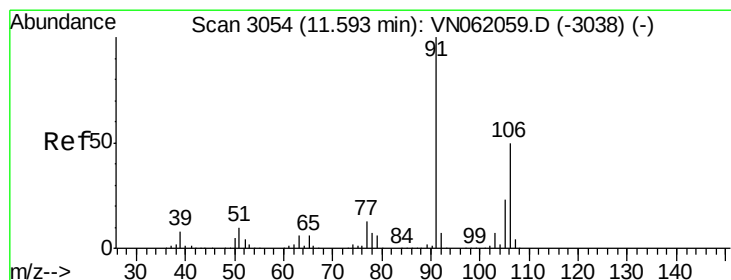
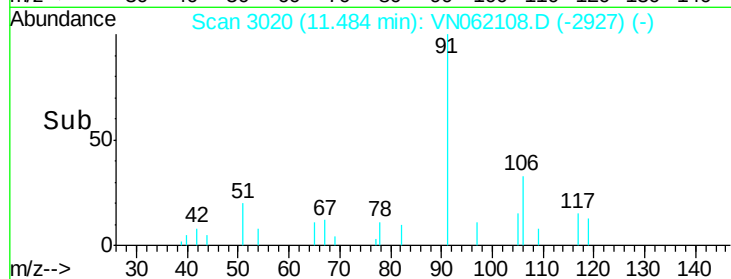
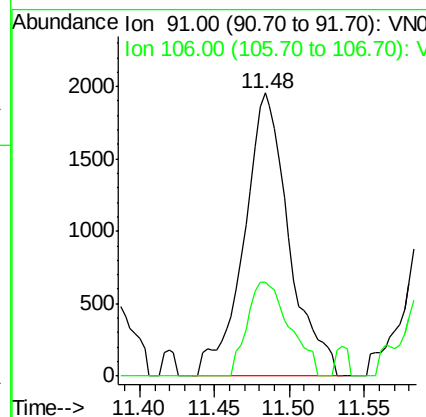
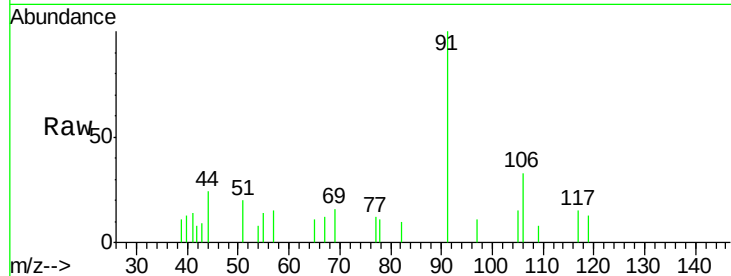




#67
Ethyl Benzene
Concen: 0.234 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062108.D
Acq: 25 Jun 2020 14:04

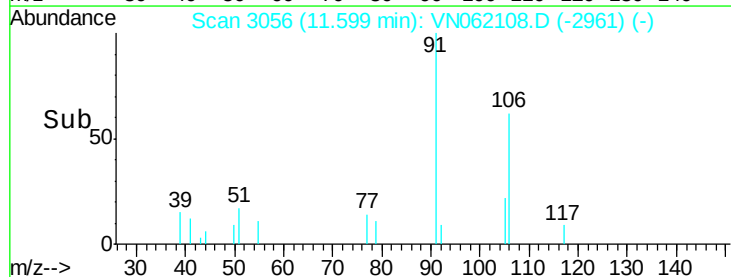
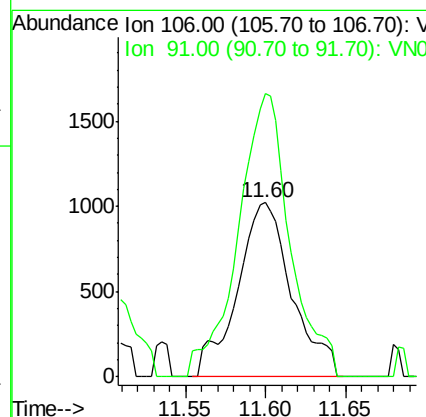
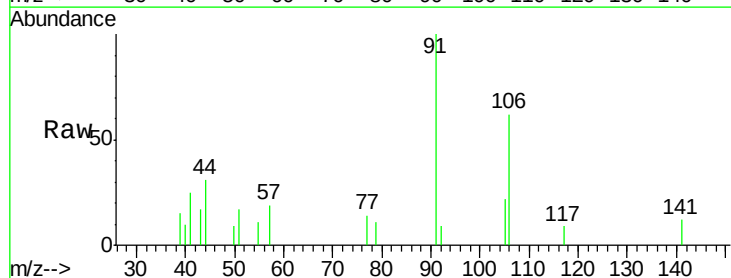
Instrument :
MSVOA_N
ClientSampled :
IBLK

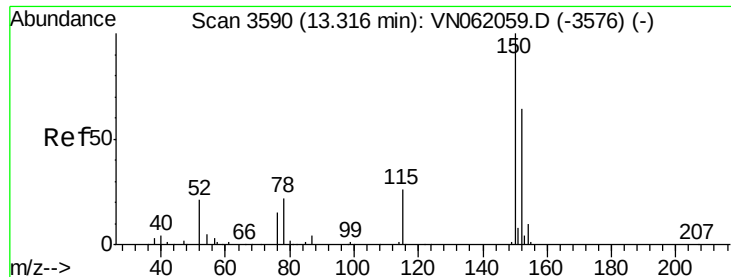
Tot Ion: 91 Resp: 4099
Ion Ratio Lower Upper
91 100
106 33.4 25.3 37.9



#68
m/p-Xylenes
Concen: 0.351 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.01 min
Lab File: VN062108.D
Acq: 25 Jun 2020 14:04

Tgt Ion: 106 Resp: 2383
Ion Ratio Lower Upper
106 100
91 155.2 157.8 236.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062108.D

Acq: 25 Jun 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

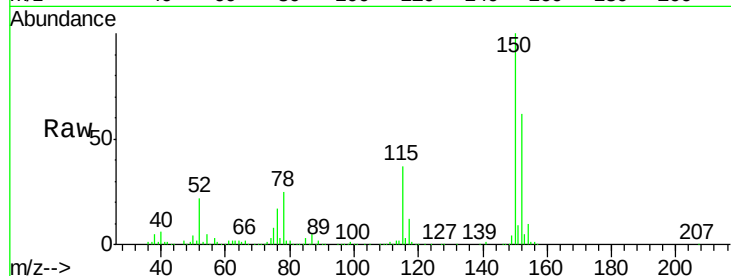
Tot Ion:152 Resp: 186851

Ion Ratio Lower Upper

152 100

115 56.9 29.5 88.5

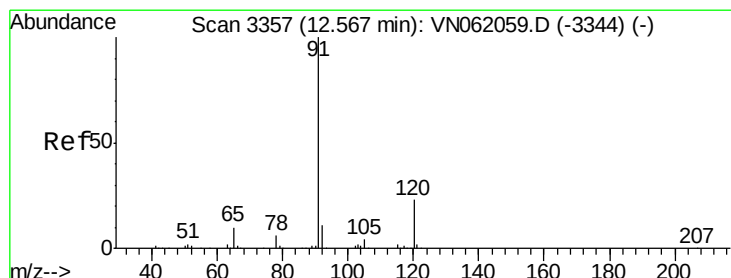
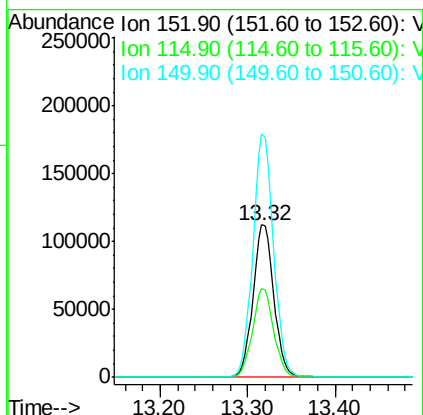
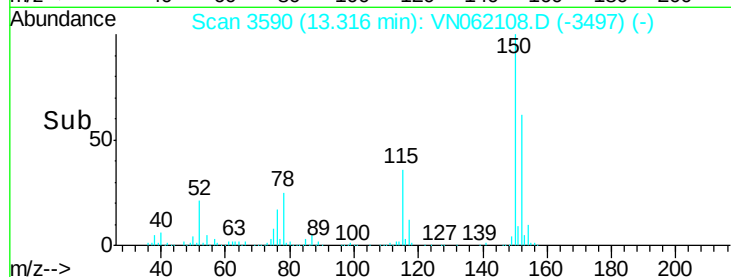
150 157.3 0.0 351.4



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



#78

n-propylbenzene

Concen: 0.301 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062108.D

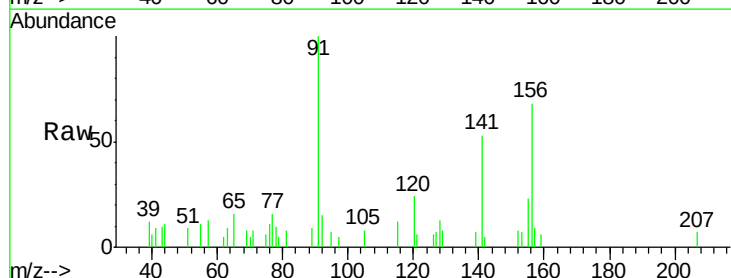
Acq: 25 Jun 2020 14:04

Tgt Ion: 91 Resp: 4979

Ion Ratio Lower Upper

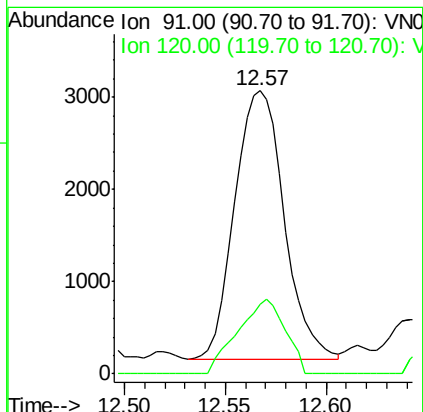
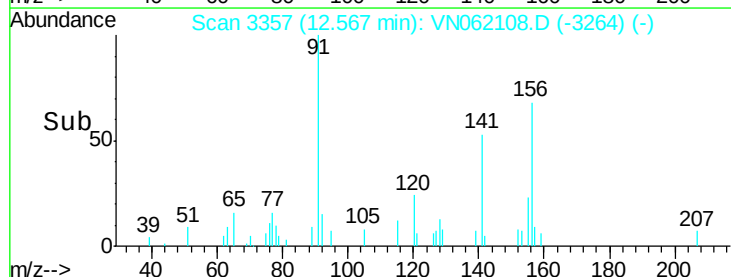
91 100

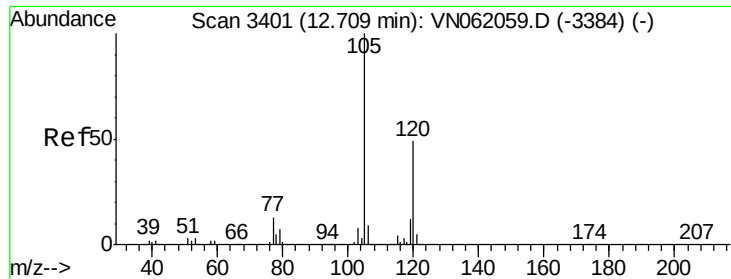
120 26.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

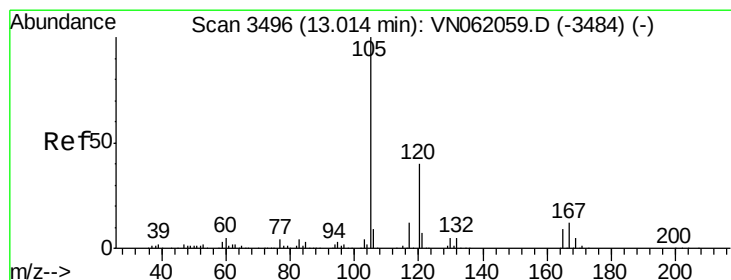
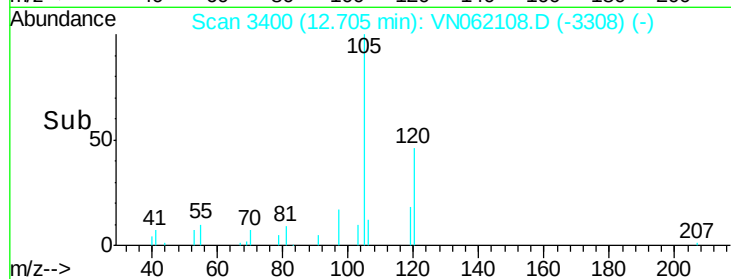
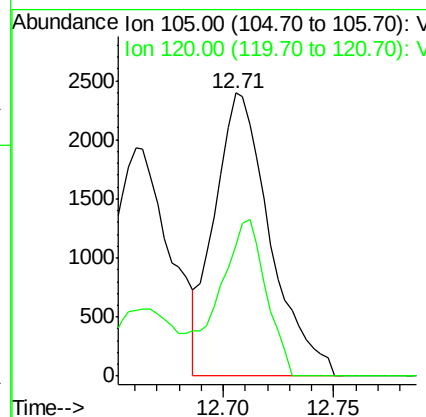
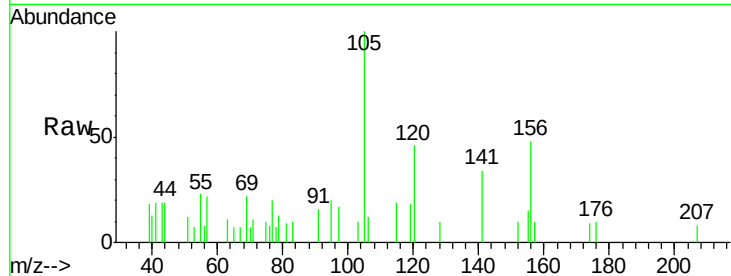




#80
 1,3,5-Trimethylbenzene
 Concen: 0.356 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN062108.D
 Acq: 25 Jun 2020 14:04

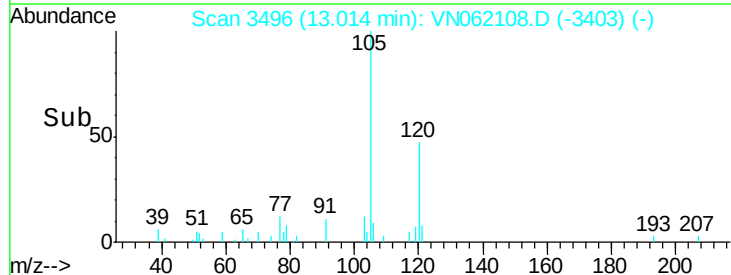
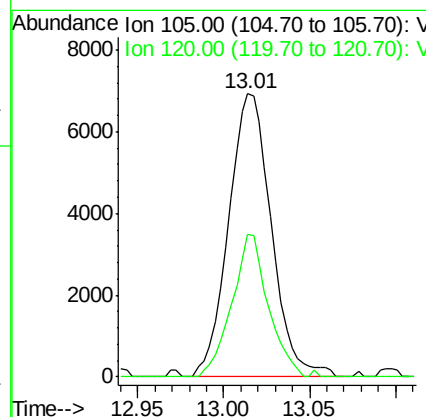
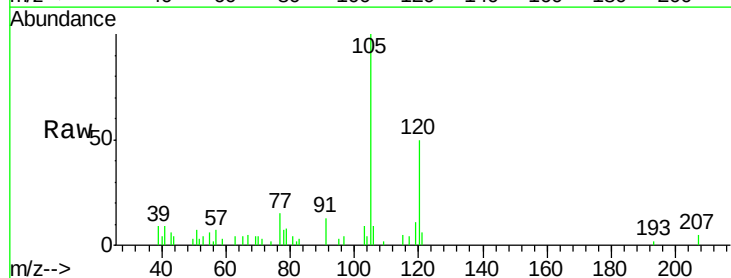
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

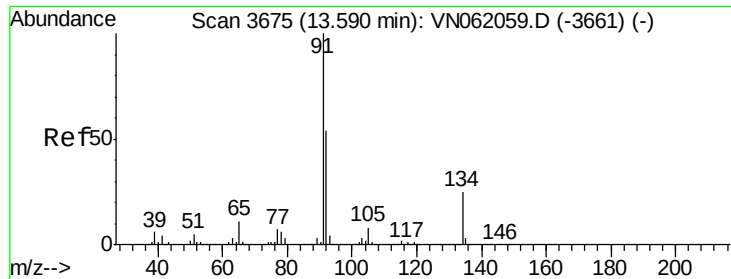
Tot Ion:105 Resp: 4179
 Ion Ratio Lower Upper
 105 100
 120 45.5 24.6 74.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.023 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062108.D
 Acq: 25 Jun 2020 14:04

Tgt Ion:105 Resp: 11978
 Ion Ratio Lower Upper
 105 100
 120 42.7 23.2 69.5





#89

n-Butylbenzene

Concen: 0.488 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062108.D

Acq: 25 Jun 2020 14:04

Instrument :

MSVOA_N

ClientSampled :

IBLK

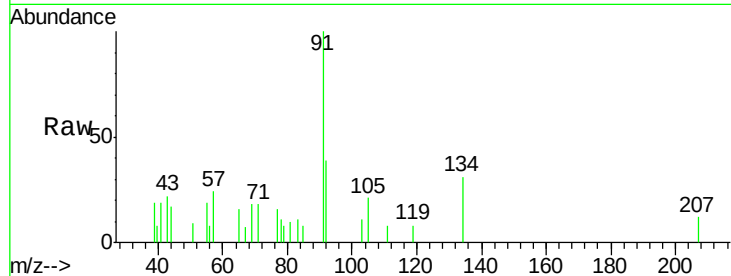
Tot Ion: 91 Resp: 4710

Ion Ratio Lower Upper

91 100

92 35.4 26.6 79.7

134 0.0 12.3 36.9#

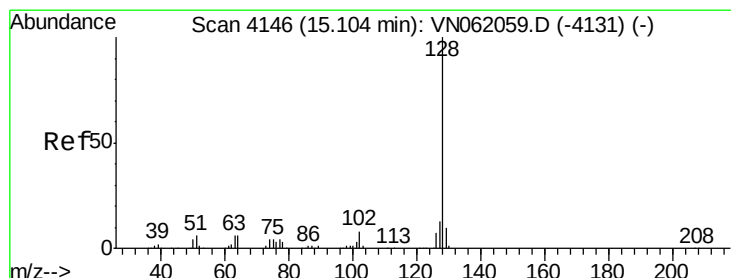
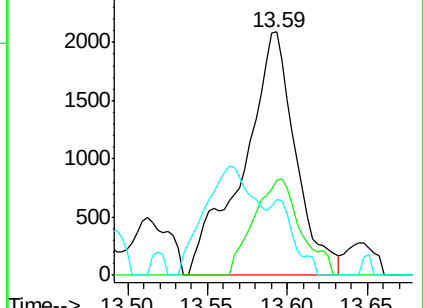
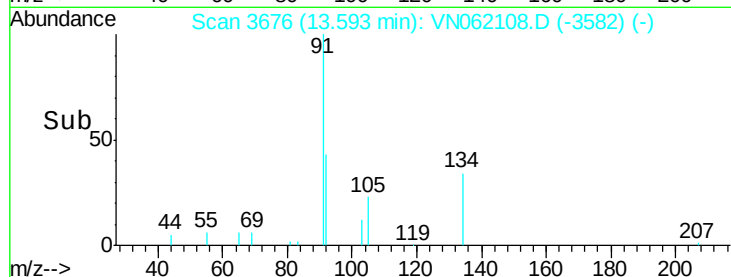


Abundance Ion 91.00 (90.70 to 91.70): VN062108.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062108.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062108.D (-3661) (-)

Time-->



#95

Naphthalene

Concen: 6.761 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062108.D

Acq: 25 Jun 2020 14:04

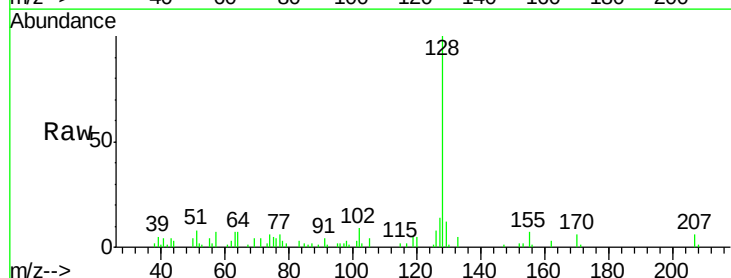
Tgt Ion: 128 Resp: 26779

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

129 13.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN062108.D (-4131) (-)

Ion 127.00 (126.70 to 127.70): VN062108.D (-4131) (-)

Ion 129.00 (128.70 to 129.70): VN062108.D (-4131) (-)

Time-->

