

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062026.D
 Acq On : 23 Jun 2020 3:10
 Operator : JC/MD
 Sample : L3033-07 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW003-200616

Quant Time: Jun 23 07:08:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

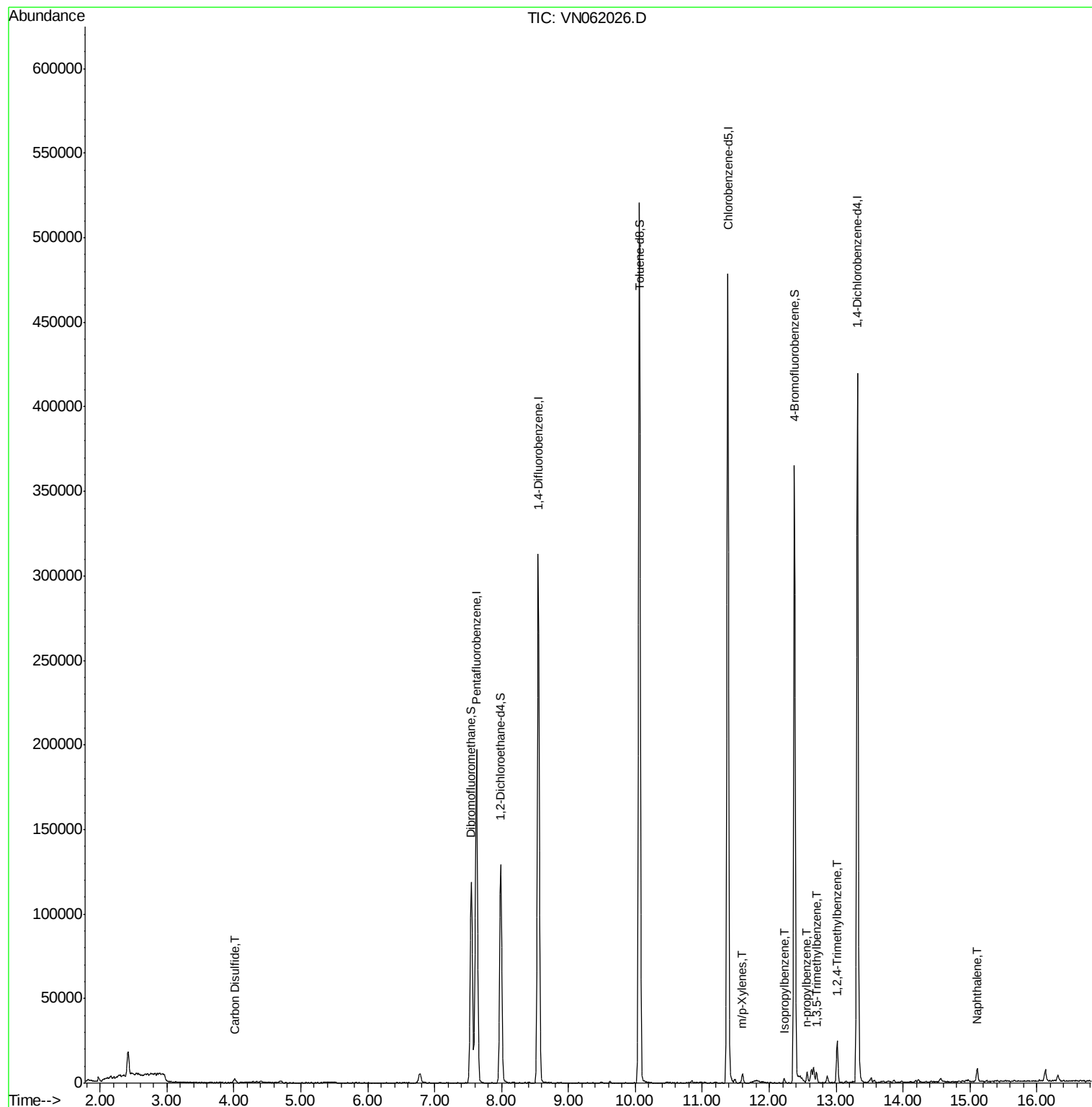
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	160056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	291192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	282453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106876	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	7.55	113	91743	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	10.06	98	361497	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.38	95	128262	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
Target Compounds						
17) Carbon Disulfide	4.01	76	5013	1.054	ug/l	98
68) m/p-Xylenes	11.60	106	2147	0.557	ug/l	99
73) Isopropylbenzene	12.22	105	2575	0.312	ug/l	91
78) n-propylbenzene	12.57	91	5190	0.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	4058	0.594	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	14403	2.135	ug/l	99
95) Naphthalene	15.10	128	7198	4.641	ug/l	98

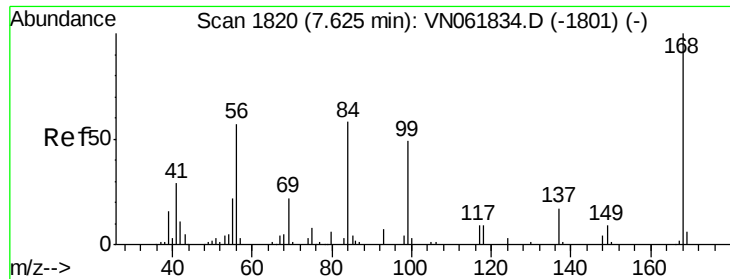
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 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: VN062026.D

Acq: 23 Jun 2020 3:10

Instrument :

MSVOA_N

ClientSampleId :

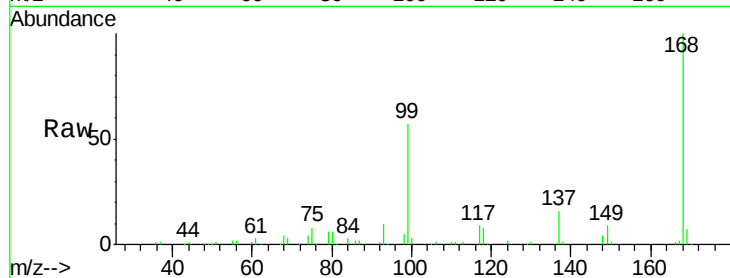
LF001MW003-200616

Tot Ion:168 Resp: 160056

Ion Ratio Lower Upper

168 100

99 57.0 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

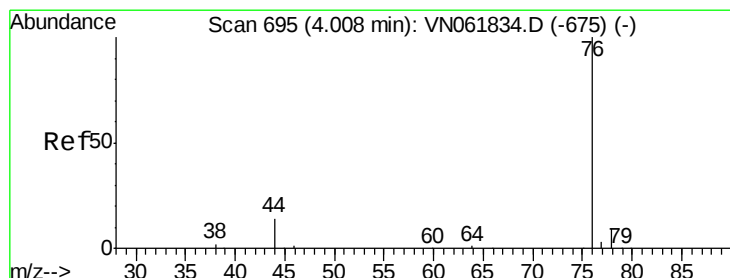
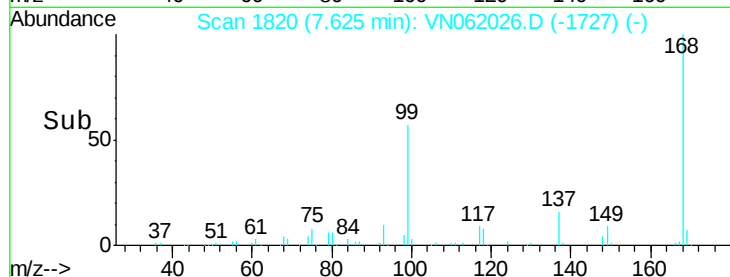
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#17

Carbon Disulfide

Concen: 1.054 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062026.D

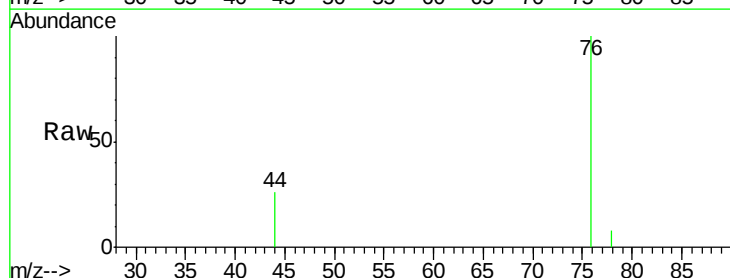
Acq: 23 Jun 2020 3:10

Tgt Ion: 76 Resp: 5013

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

2000

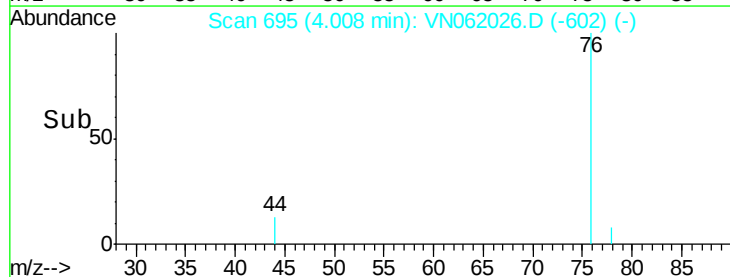
1500

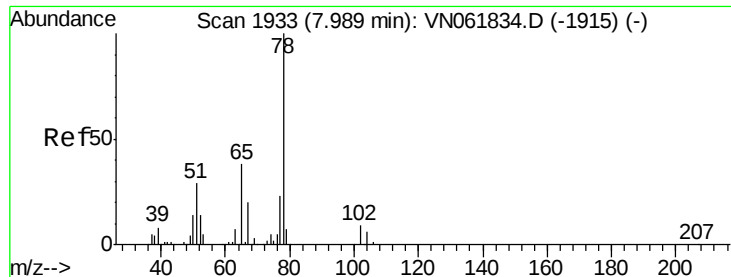
1000

500

0

Time--> 3.95 4.00 4.05 4.10





#33

1,2-Dichloroethane-d4

Concen: 49.789 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062026.D

Acq: 23 Jun 2020 3:10

Instrument :

MSVOA_N

ClientSampleId :

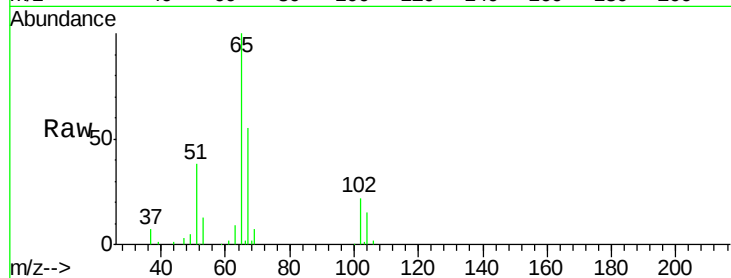
LF001MW003-200616

Tot Ion: 65 Resp: 106876

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2

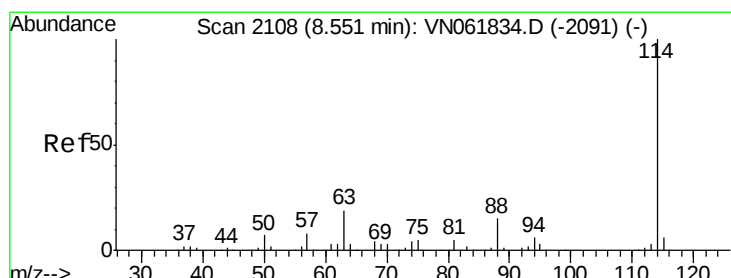
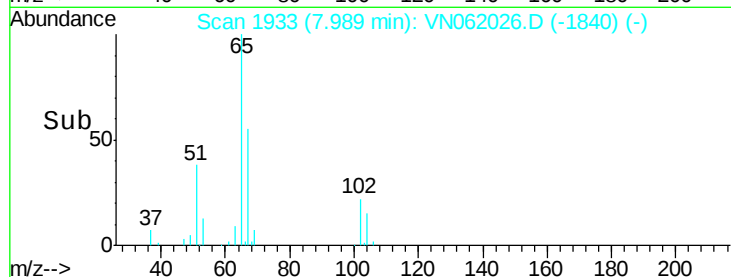


Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062026.D

Acq: 23 Jun 2020 3:10

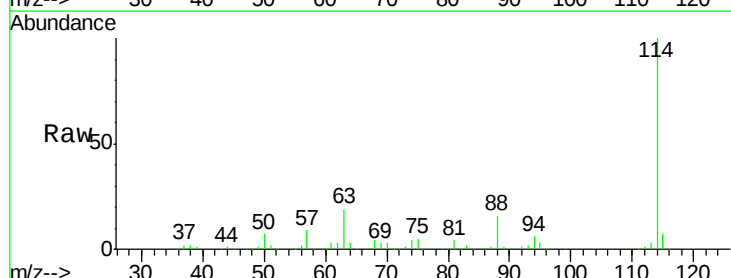
Tgt Ion: 114 Resp: 291192

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 15.6 0.0 31.0



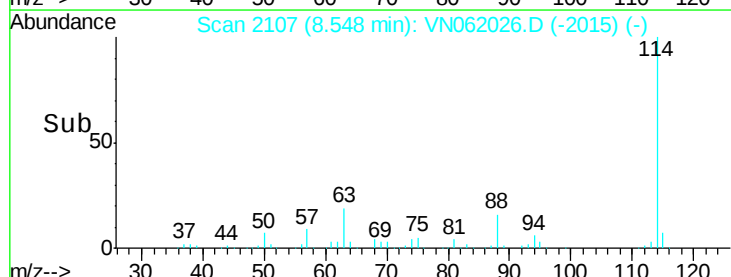
Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

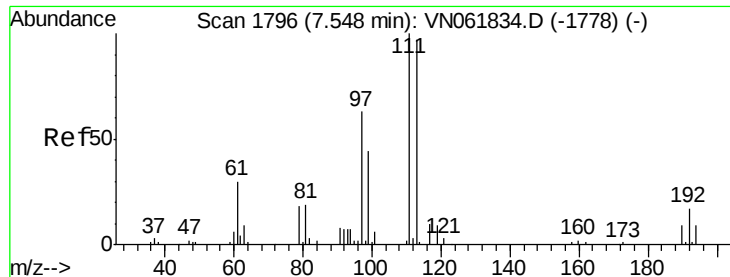
Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

8.55

Time-->

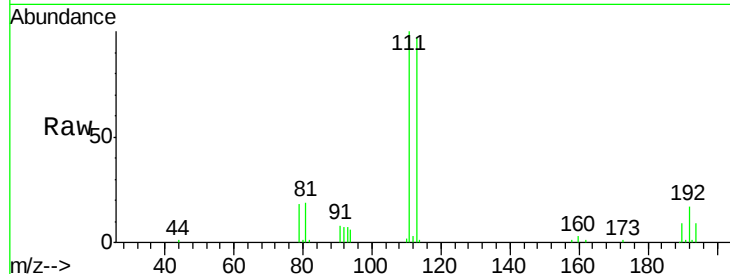




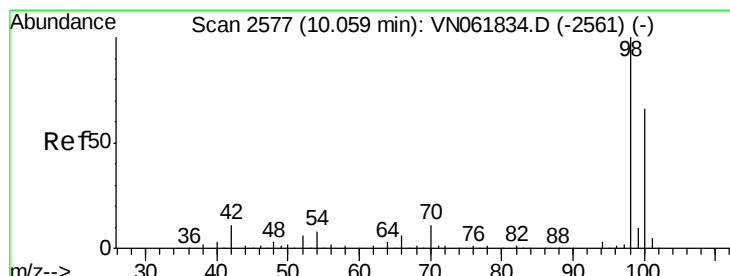
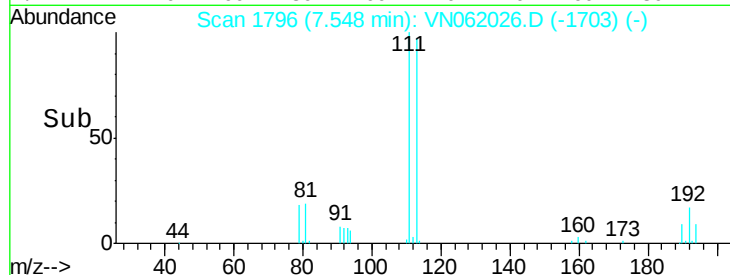
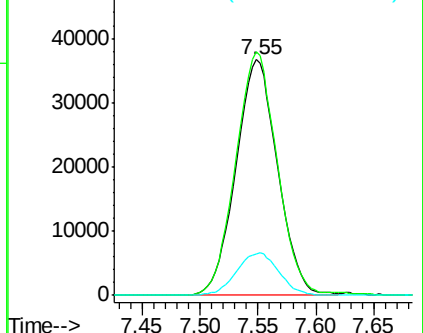
#35
 Dibromofluoromethane
 Concen: 49.248 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062026.D
 Acq: 23 Jun 2020 3:10

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW003-200616

Tot Ion:113 Resp: 91743
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.7 125.5
 192 18.4 13.9 20.9

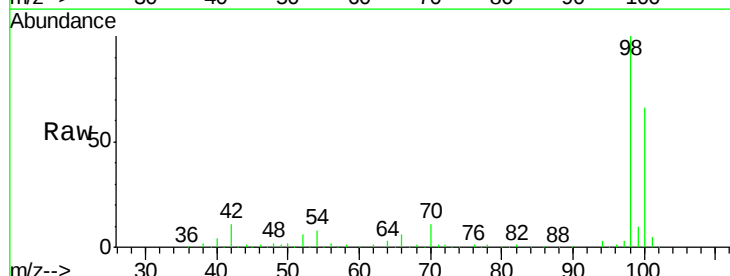


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

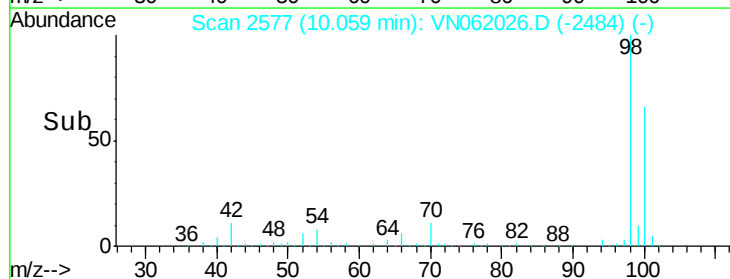
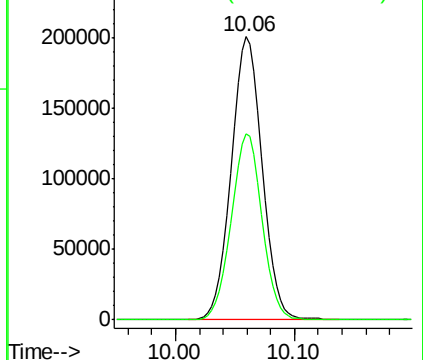


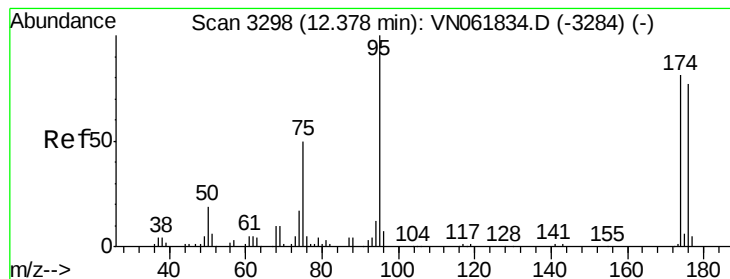
#50
 Toluene-d8
 Concen: 49.359 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062026.D
 Acq: 23 Jun 2020 3:10

Tgt Ion: 98 Resp: 361497
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.056 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062026.D

Acq: 23 Jun 2020 3:10

Instrument :

MSVOA_N

ClientSampleId :

LF001MW003-200616

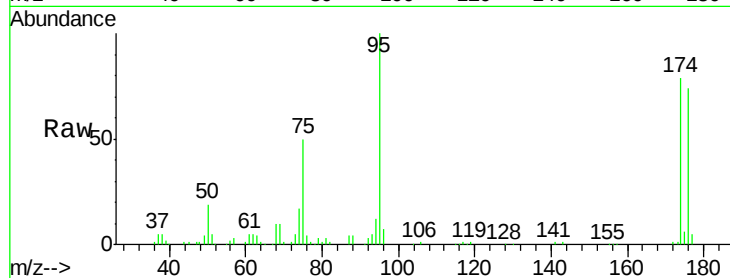
Tot Ion: 95 Resp: 128262

Ion Ratio Lower Upper

95 100

174 78.7 0.0 158.6

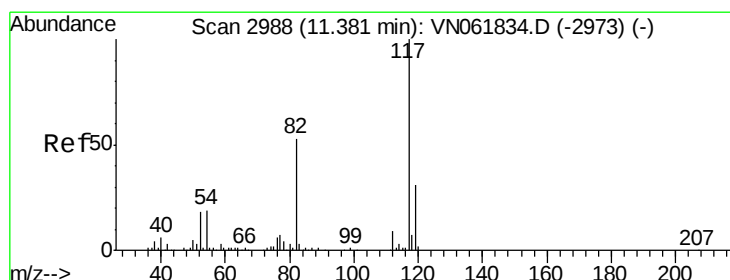
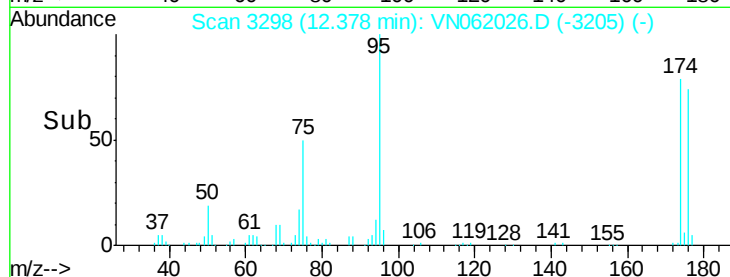
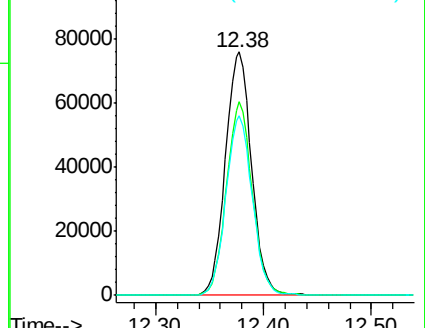
176 74.1 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062026.D

Acq: 23 Jun 2020 3:10

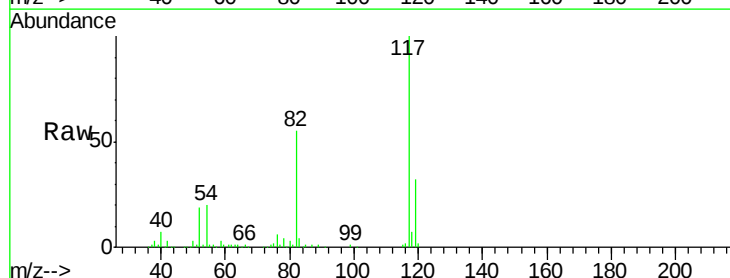
Tgt Ion: 117 Resp: 282453

Ion Ratio Lower Upper

117 100

82 54.8 42.6 64.0

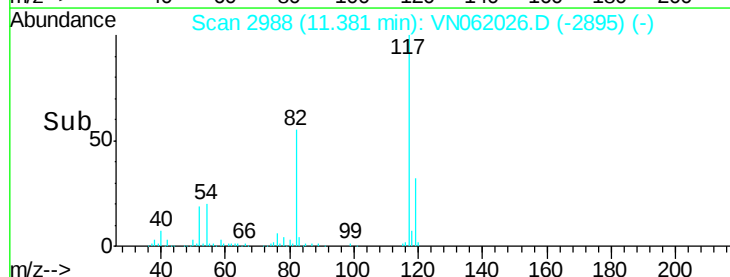
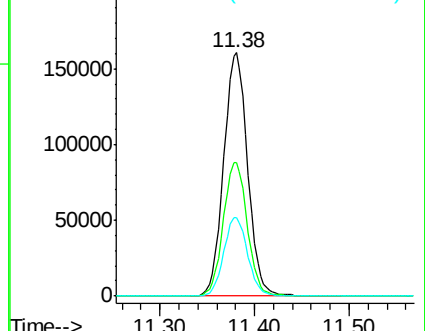
119 32.5 24.7 37.1

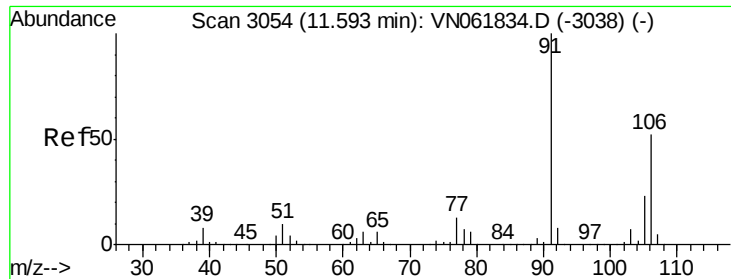


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)

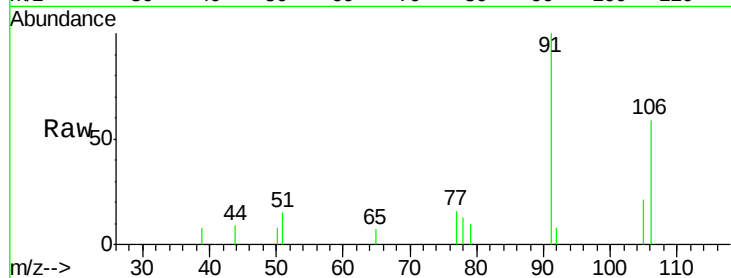




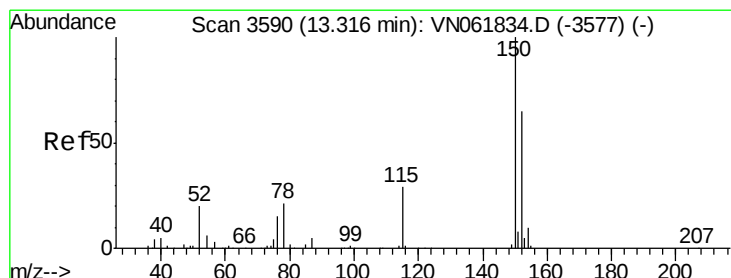
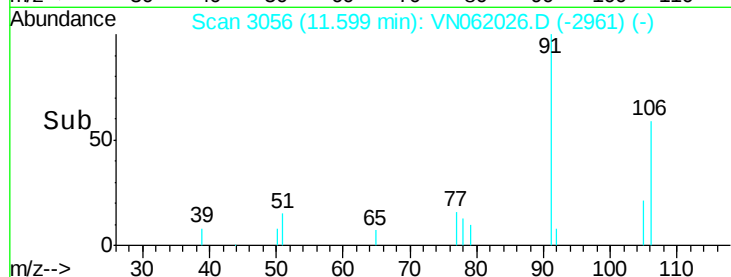
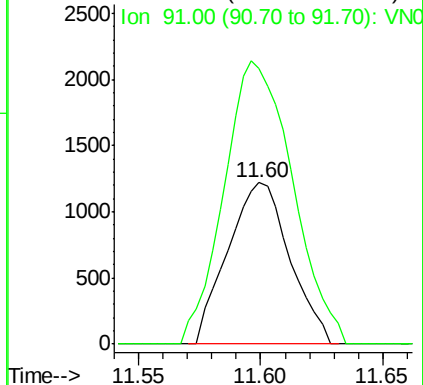
#68
m/p-Xvlenes
Concen: 0.557 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.01 min
Lab File: VN062026.D
Acq: 23 Jun 2020 3:10

Instrument :
MSVOA_N
ClientSampleId :
LF001MW003-200616

Tot Ion:106 Resp: 2147
Ion Ratio Lower Upper
106 100
91 194.2 157.0 235.6

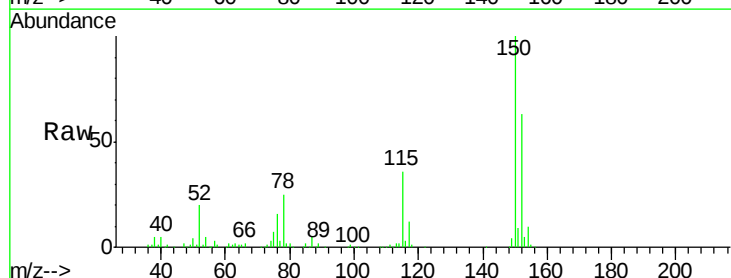


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

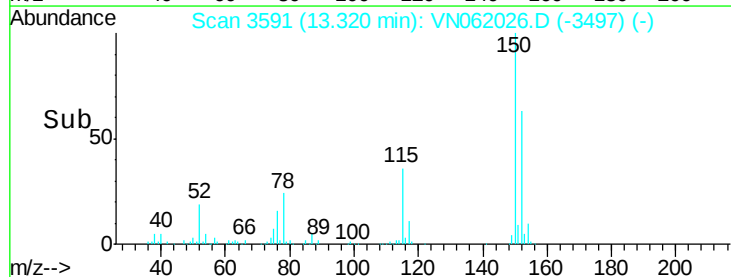
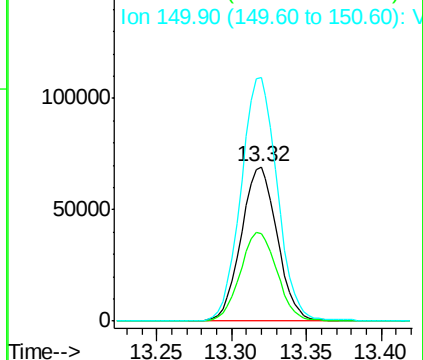


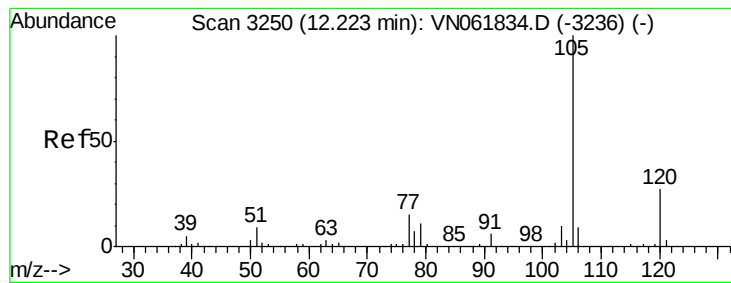
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062026.D
Acq: 23 Jun 2020 3:10

Tgt Ion:152 Resp: 116221
Ion Ratio Lower Upper
152 100
115 59.0 29.1 87.3
150 159.7 0.0 347.6



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: 0.312 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062026.D

Acq: 23 Jun 2020 3:10

Instrument :

MSVOA_N

ClientSampleId :

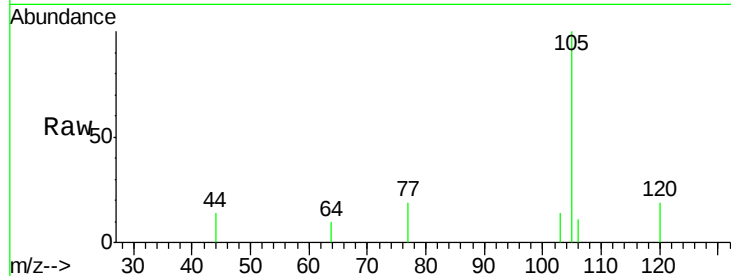
LF001MW003-200616

Tot Ion: 105 Resp: 2575

Ion Ratio Lower Upper

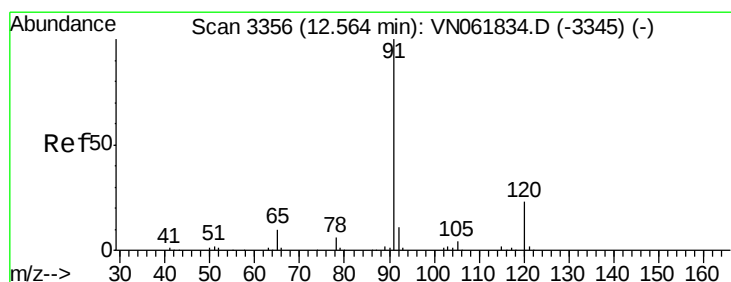
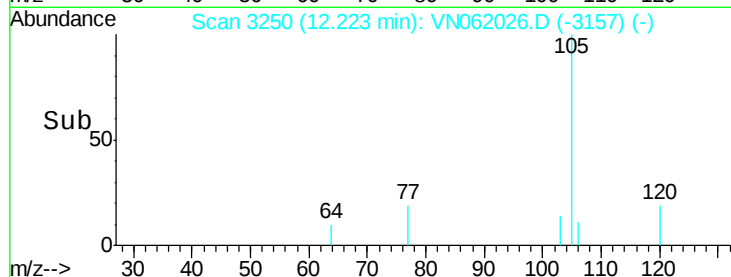
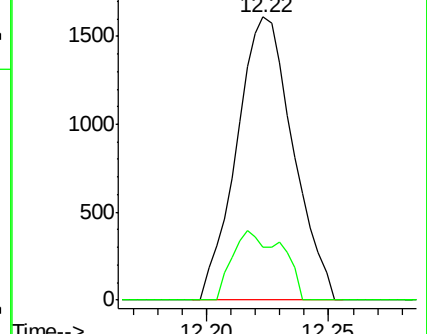
105 100

120 21.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.551 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062026.D

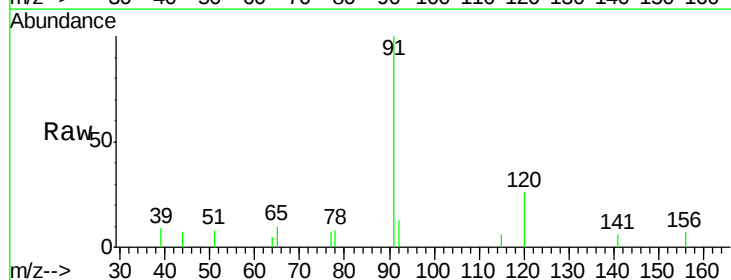
Acq: 23 Jun 2020 3:10

Tgt Ion: 91 Resp: 5190

Ion Ratio Lower Upper

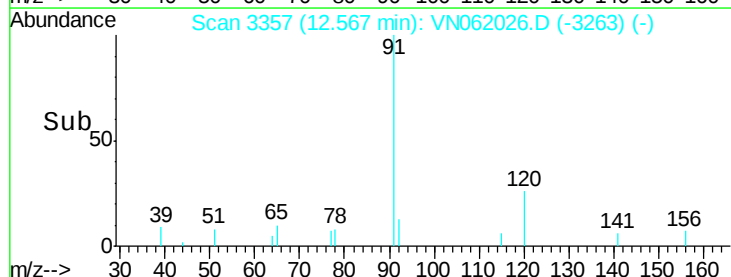
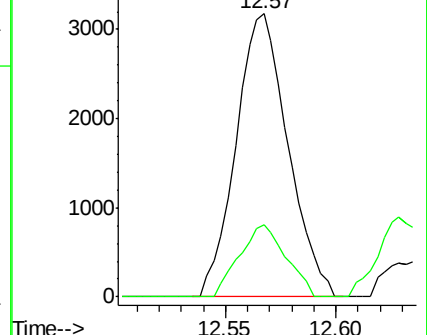
91 100

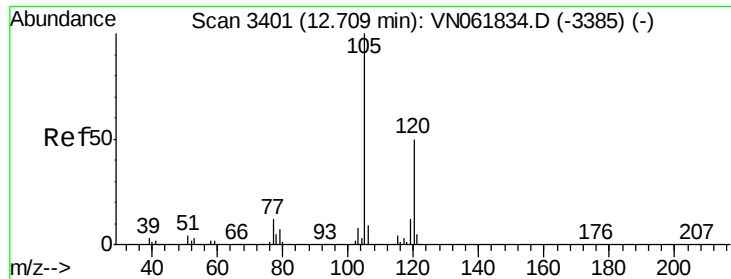
120 22.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

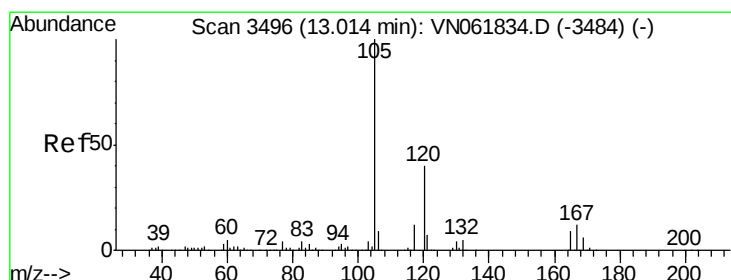
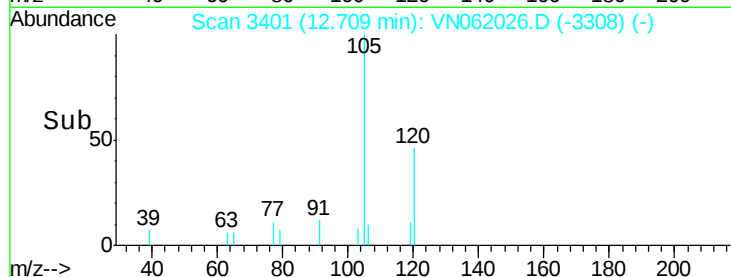
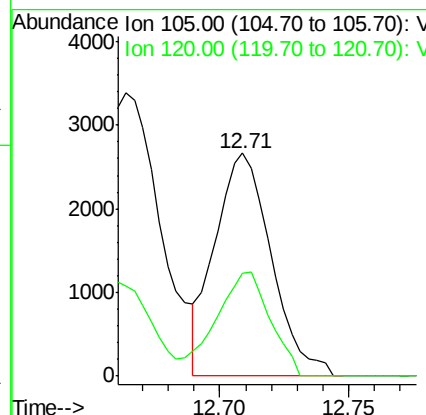
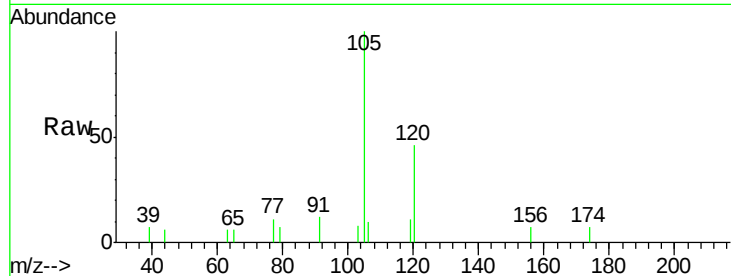




#80
 1,3,5-Trimethylbenzene
 Concen: 0.594 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062026.D
 Acq: 23 Jun 2020 3:10

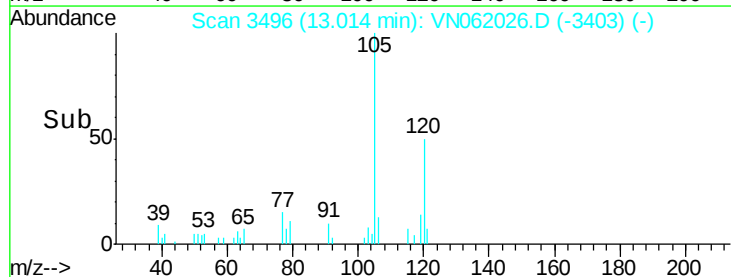
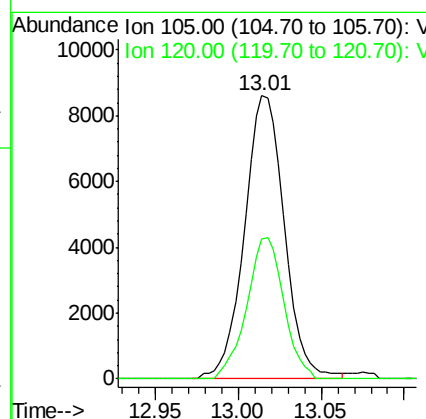
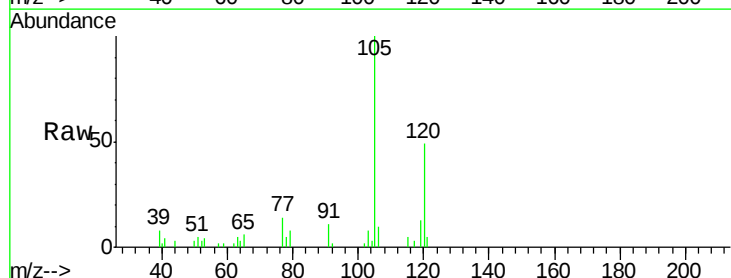
Instrument :
 MSVOA_N
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 LF001MW003-200616

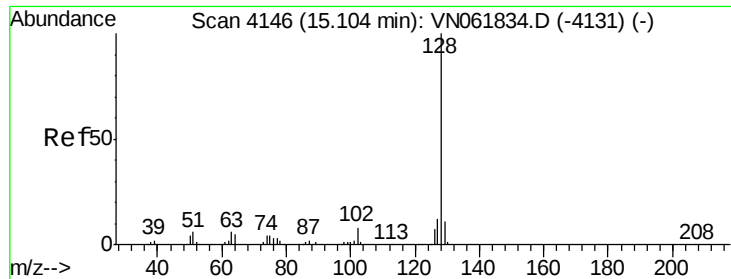
Tot Ion:105 Resp: 4058
 Ion Ratio Lower Upper
 105 100
 120 45.2 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 2.135 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062026.D
 Acq: 23 Jun 2020 3:10

Tgt Ion:105 Resp: 14403
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.9

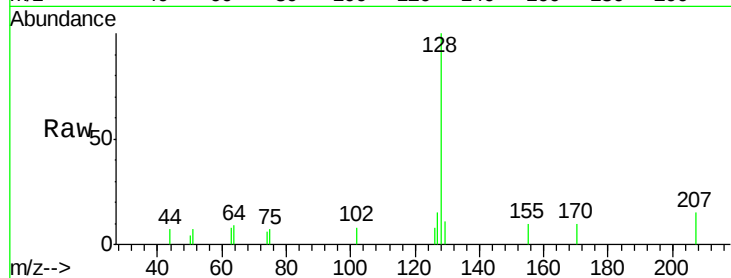




#95
Naphthalene
Concen: 4.641 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062026.D
Acq: 23 Jun 2020 3:10

Instrument :
MSVOA_N
ClientSampleId :
LF001MW003-200616

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	11.0	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

