

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063592.D
 Acq On : 23 Sep 2020 16:30
 Operator : JC/MD
 Sample : L4116-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS037-200922

Quant Time: Sep 24 03:44:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

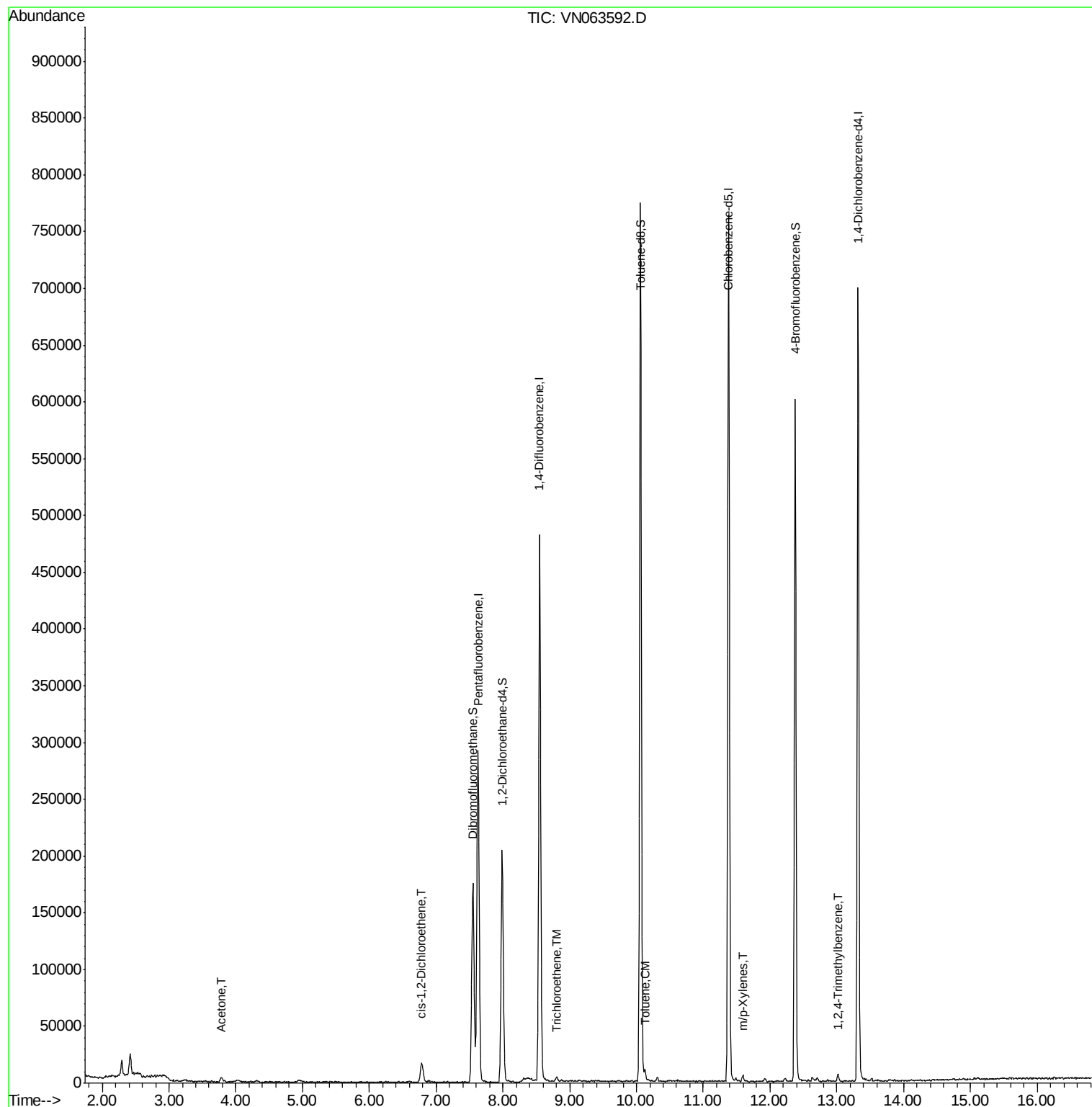
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181663	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	7.55	113	131664	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	10.06	98	510038	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.38	95	202550	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
Target Compounds						
16) Acetone	3.78	43	6857	5.923	ug/l	91
27) cis-1,2-Dichloroethene	6.79	96	10235	3.418	ug/l	92
44) Trichloroethene	8.80	130	1229	0.424	ug/l	42
52) Toluene	10.13	92	3107	0.433	ug/l	98
68) m/p-Xylenes	11.60	106	1411	0.247	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.02	105	4253	0.380	ug/l	84

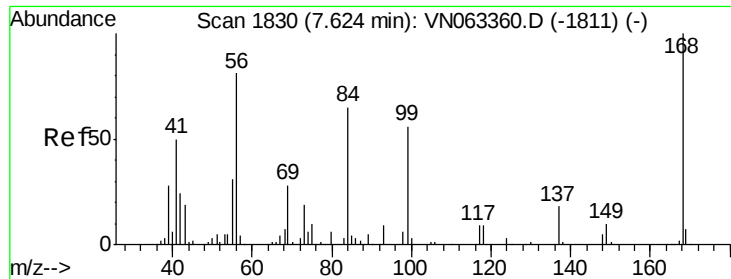
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063592.D
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

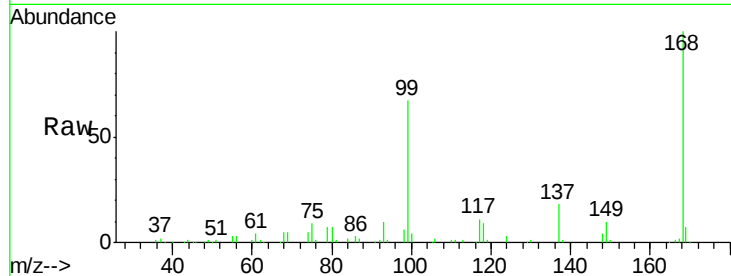
KY038PS037-200922

Tot Ion:168 Resp: 211620

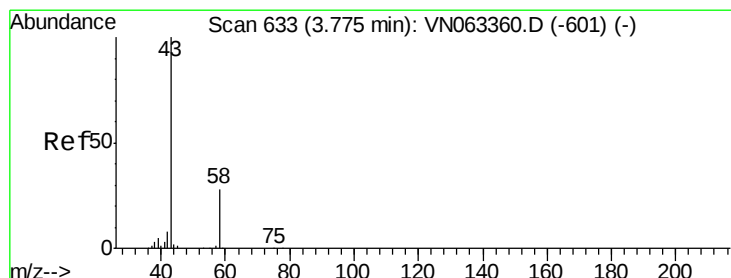
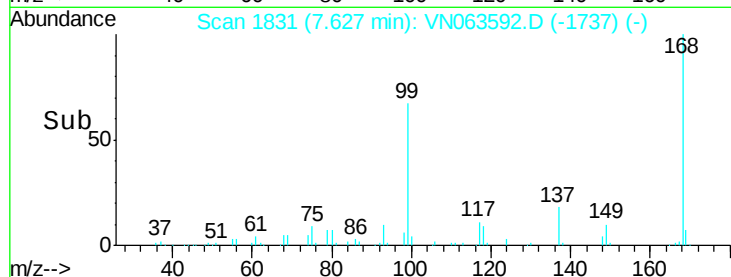
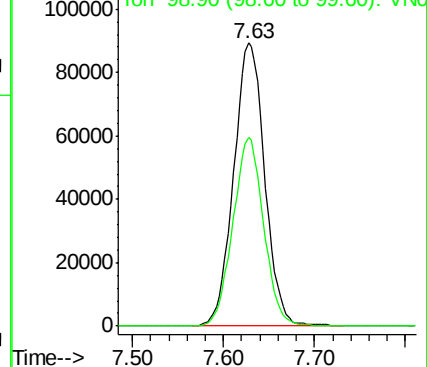
Ion Ratio Lower Upper

168 100

99 66.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): VN063360.D (-1811) (-)



#16

Acetone

Concen: 5.923 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063592.D

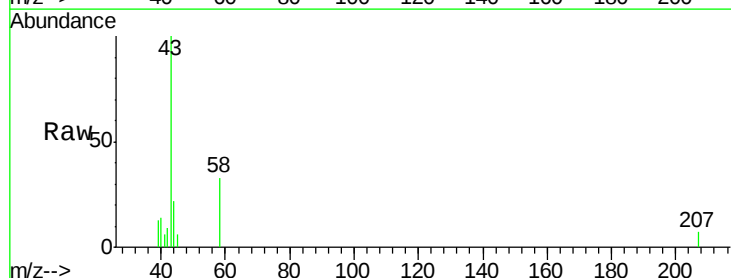
Acq: 23 Sep 2020 16:30

Tgt Ion: 43 Resp: 6857

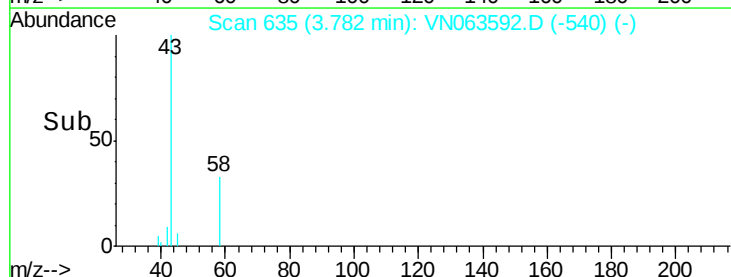
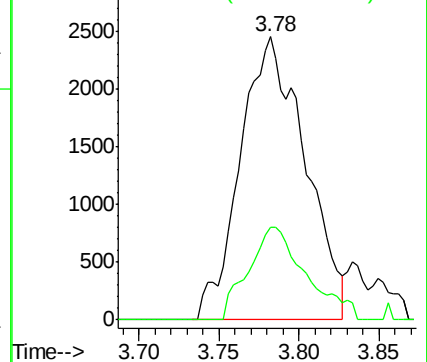
Ion Ratio Lower Upper

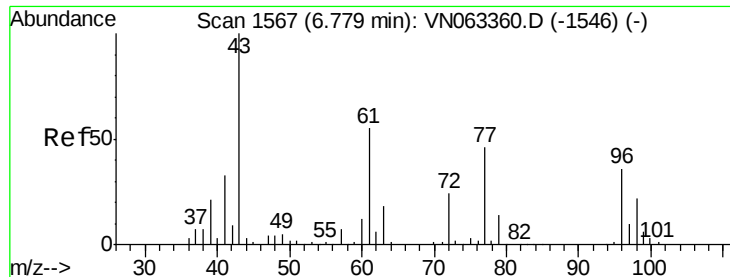
43 100

58 32.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)





#27

cis-1,2-Dichloroethene

Concen: 3.418 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

KY038PS037-200922

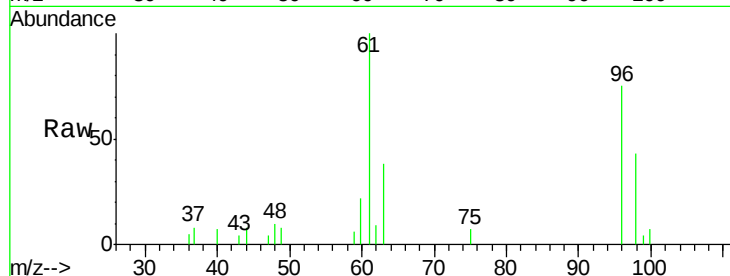
Tot Ion: 96 Resp: 10235

Ion Ratio Lower Upper

96 100

61 147.1 0.0 319.6

98 62.1 0.0 127.8

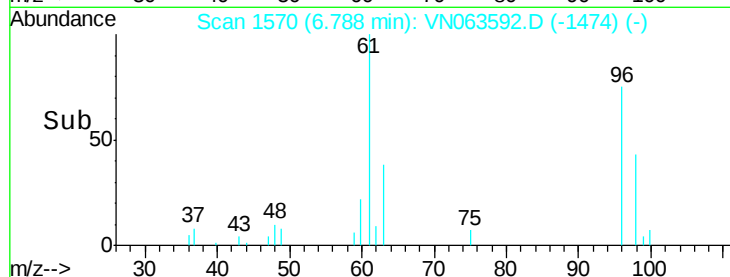


Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1546) (-)

Time-->



Time-->

Time-->

Time-->

Time-->

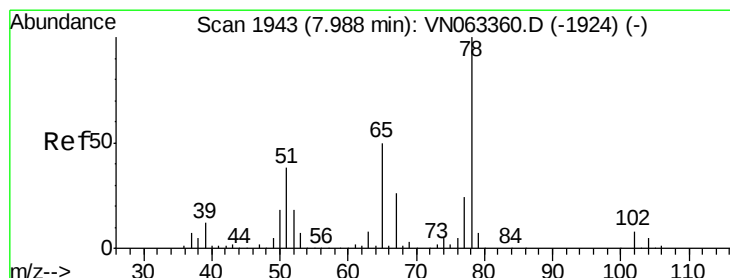
Time-->

Time-->

Time-->

Time-->

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.429 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063592.D

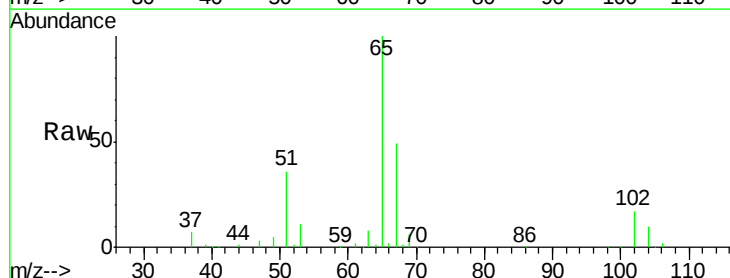
Acq: 23 Sep 2020 16:30

Tgt Ion: 65 Resp: 181663

Ion Ratio Lower Upper

65 100

67 49.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

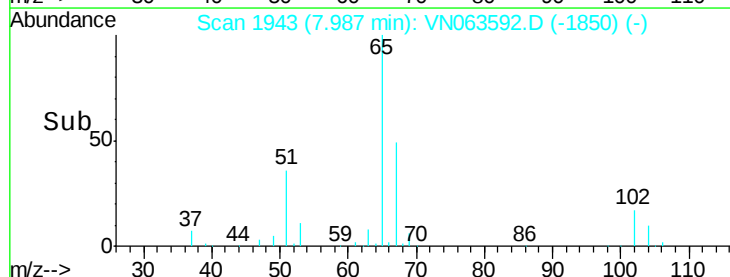
Time-->

Time-->

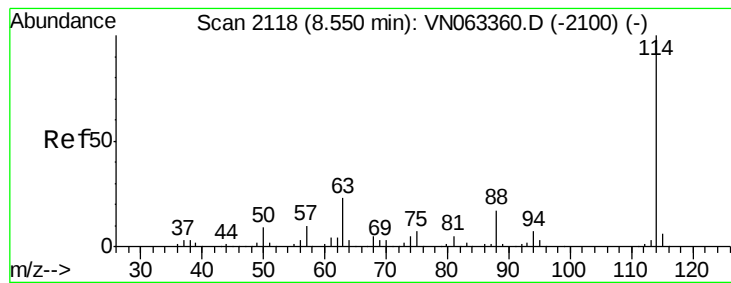
Time-->

Time-->

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

KY038PS037-200922

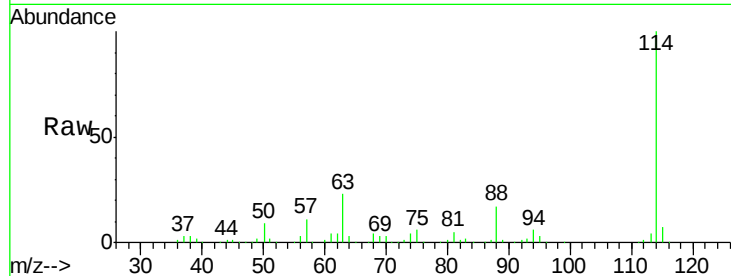
Tot Ion:114 Resp: 392826

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.4

88 17.2 0.0 33.2



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

250000

200000

150000

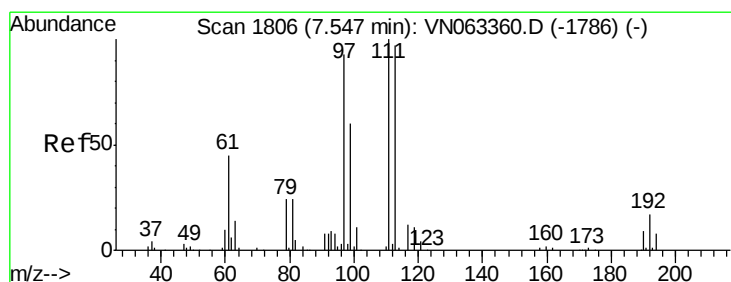
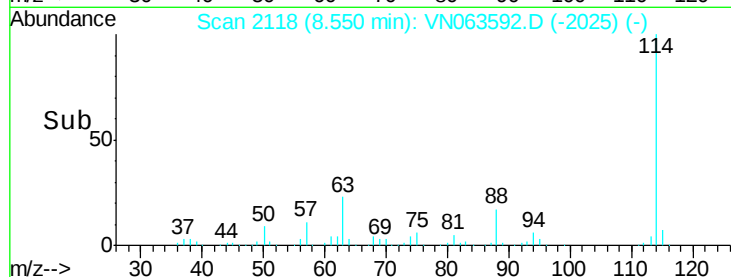
100000

50000

0

8.45 8.50 8.55 8.60 8.65

Time-->



#35

Dibromofluoromethane

Concen: 48.416 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

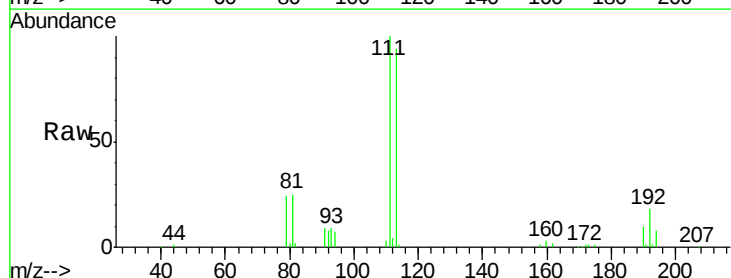
Tgt Ion:113 Resp: 131664

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 17.4 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

60000

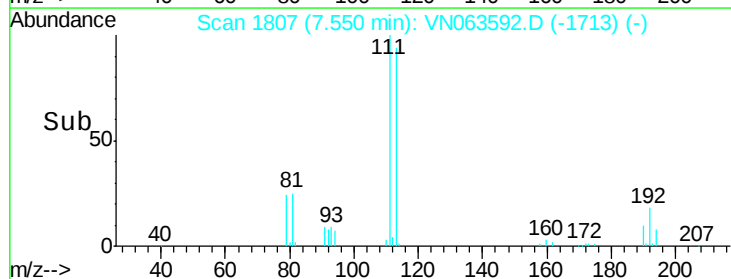
40000

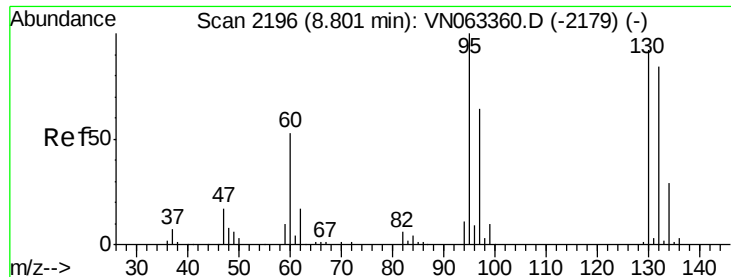
20000

0

7.50 7.55 7.60

Time-->





#44

Trichloroethene

Concen: 0.424 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

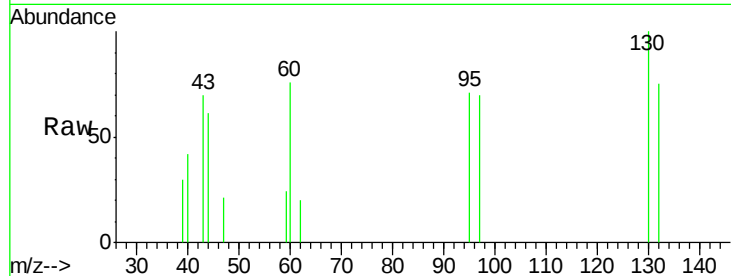
KY038PS037-200922

Tot Ion:130 Resp: 1229

Ion Ratio Lower Upper

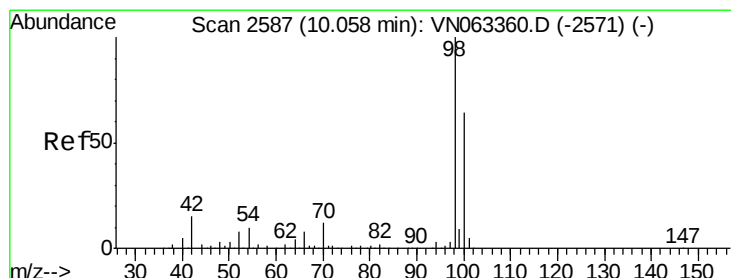
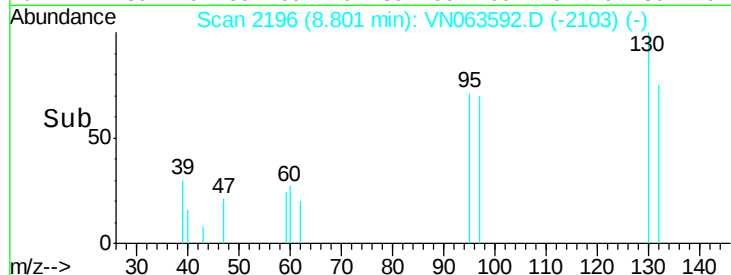
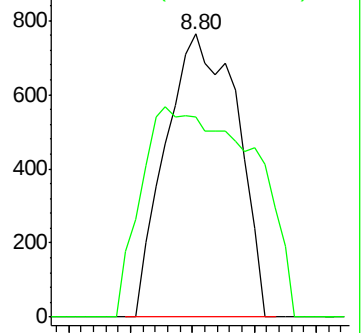
130 100

95 47.6 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.878 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063592.D

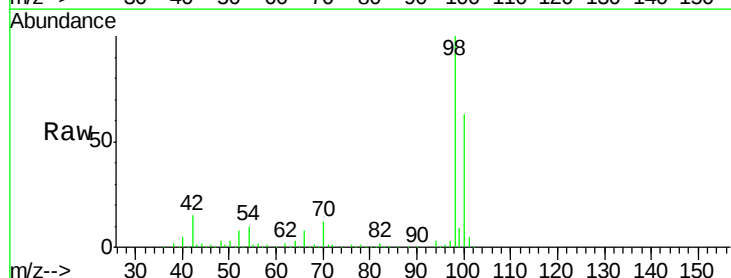
Acq: 23 Sep 2020 16:30

Tgt Ion: 98 Resp: 510038

Ion Ratio Lower Upper

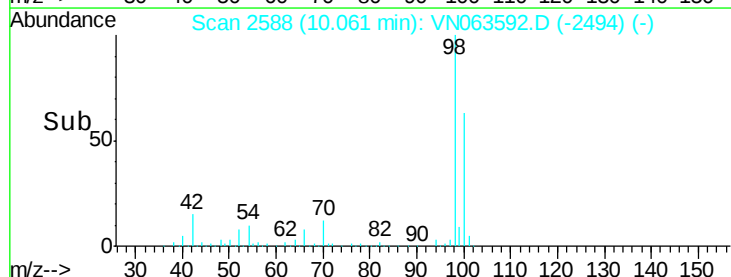
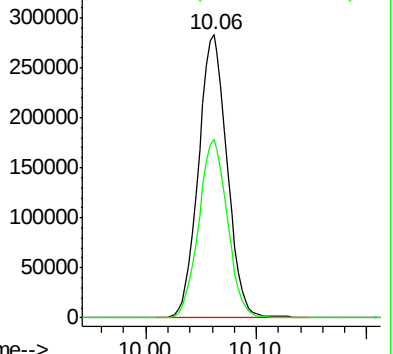
98 100

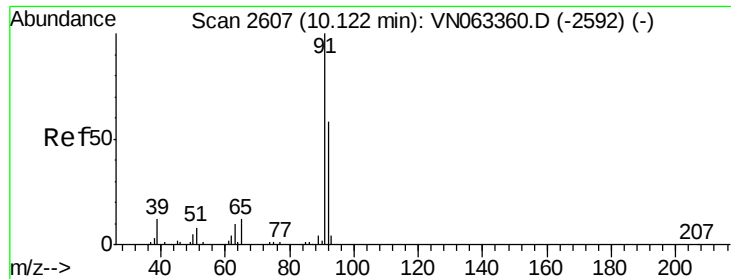
100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 0.433 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

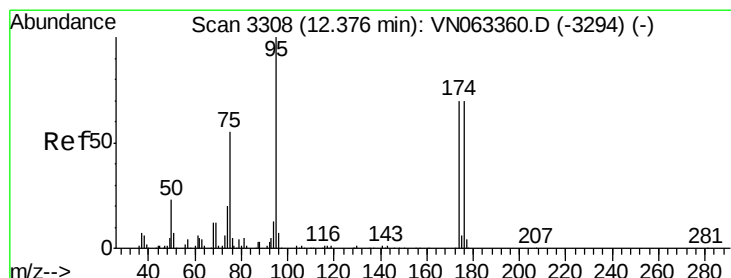
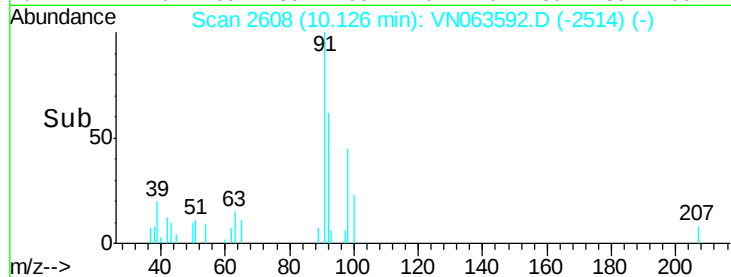
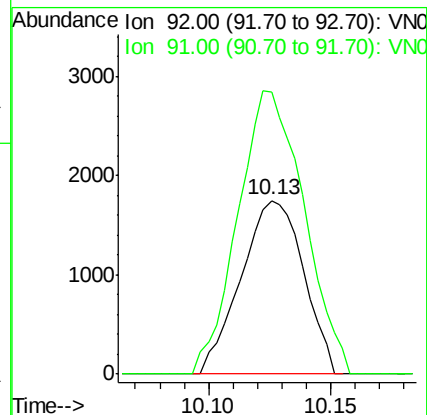
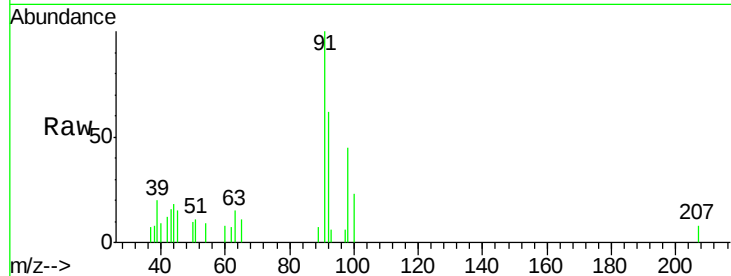
KY038PS037-200922

Tot Ion: 92 Resp: 3107

Ion Ratio Lower Upper

92 100

91 172.5 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 54.035 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

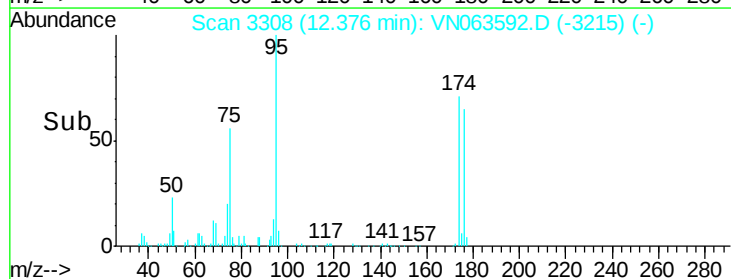
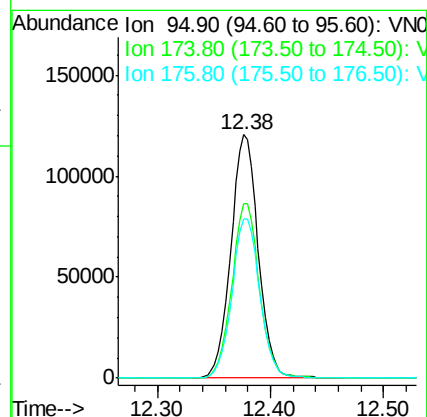
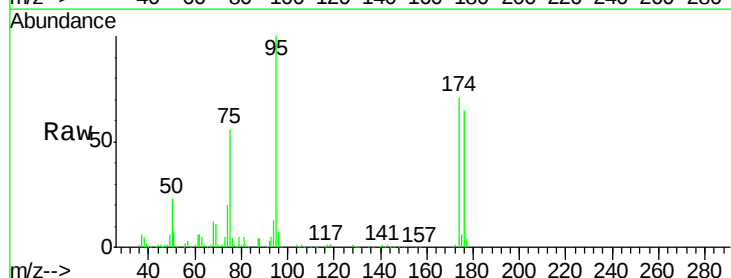
Tgt Ion: 95 Resp: 202550

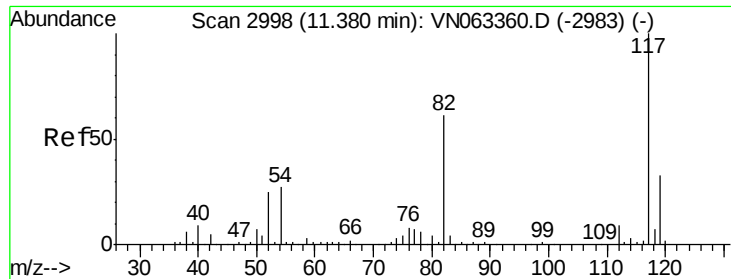
Ion Ratio Lower Upper

95 100

174 72.1 0.0 140.8

176 66.6 0.0 137.6

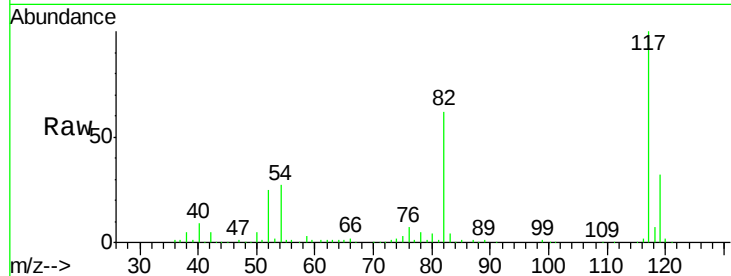




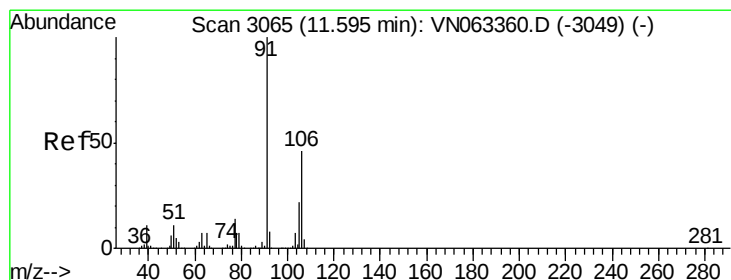
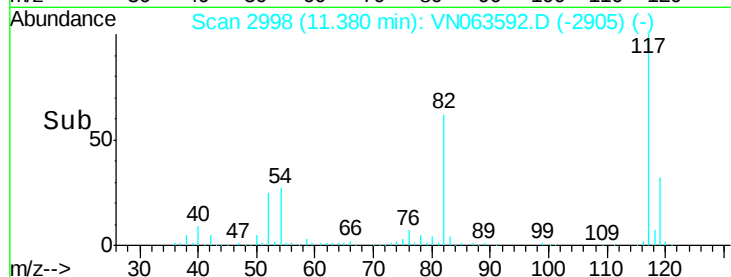
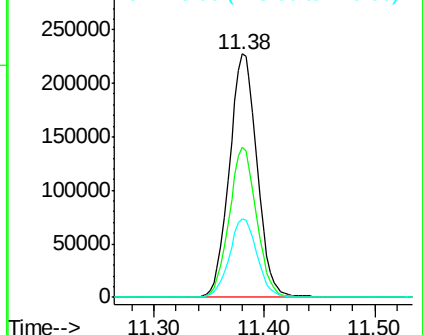
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

Tot Ion:117 Resp: 397034
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 32.1 26.2 39.4

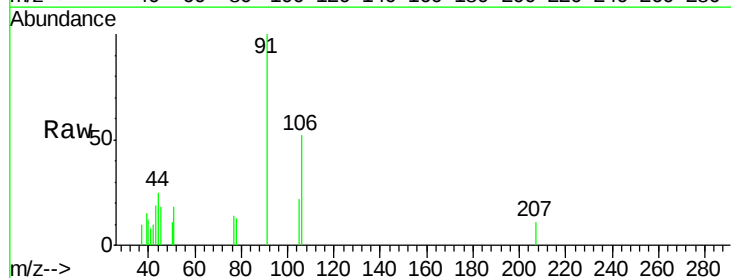


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

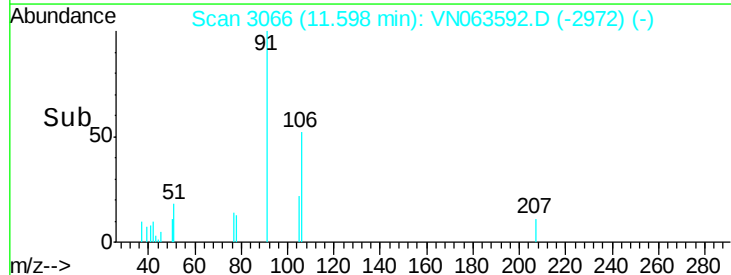
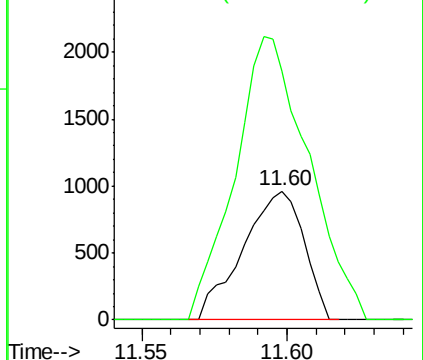


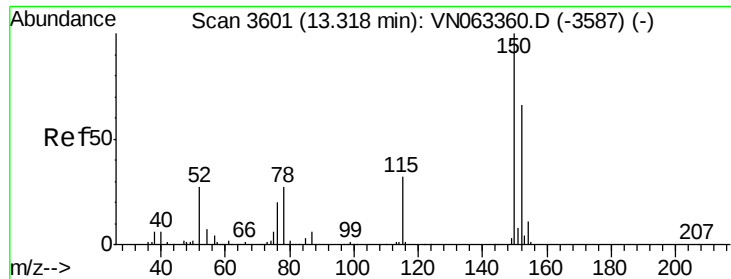
#68
m/p-Xylenes
Concen: 0.247 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion:106 Resp: 1411
Ion Ratio Lower Upper
106 100
91 264.1 171.2 256.8#



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# 3601

Delta R.T. -0.00 min

Lab File: VN063592.D

Acq: 23 Sep 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

KY038PS037-200922

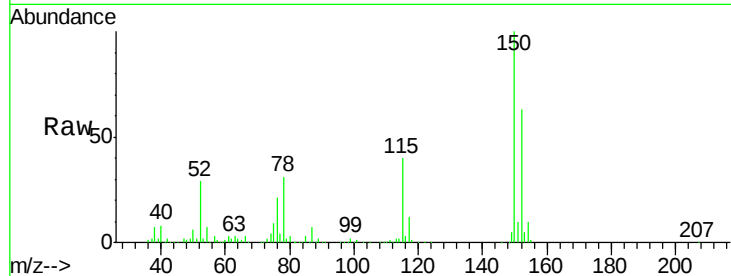
Tot Ion:152 Resp: 165699

Ion Ratio Lower Upper

152 100

115 65.3 32.2 96.6

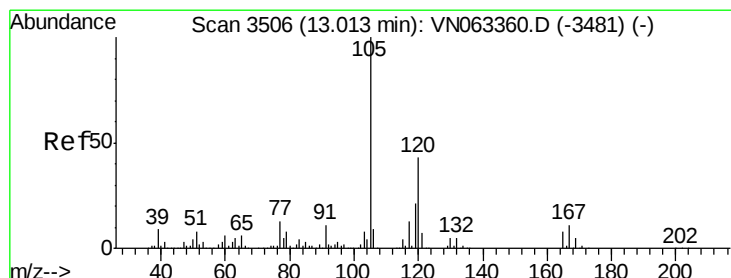
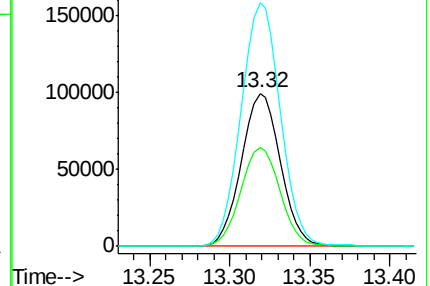
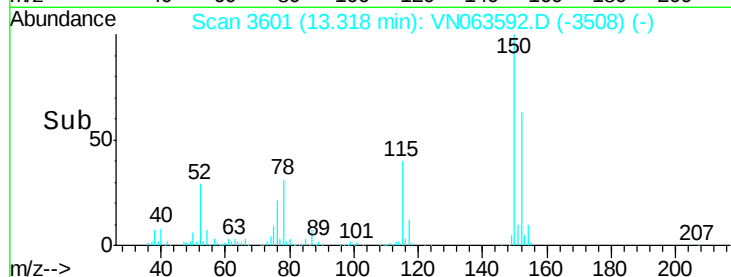
150 160.5 0.0 343.4



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



#84

1,2,4-Trimethylbenzene

Concen: 0.380 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063592.D

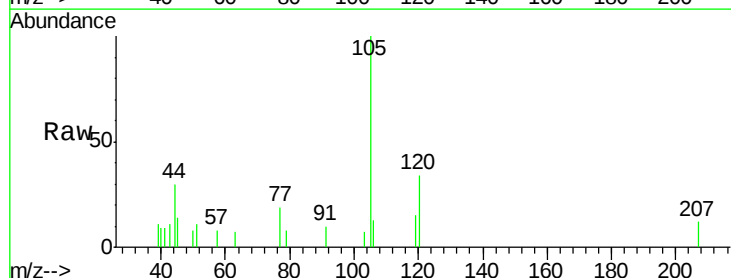
Acq: 23 Sep 2020 16:30

Tgt Ion:105 Resp: 4253

Ion Ratio Lower Upper

105 100

120 32.4 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

