

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015383.D
 Acq On : 27 Mar 2020 15:51
 Operator : JC/SP
 Sample : L2012-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GHD1-GW-03-17

Quant Time: Mar 30 04:07:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

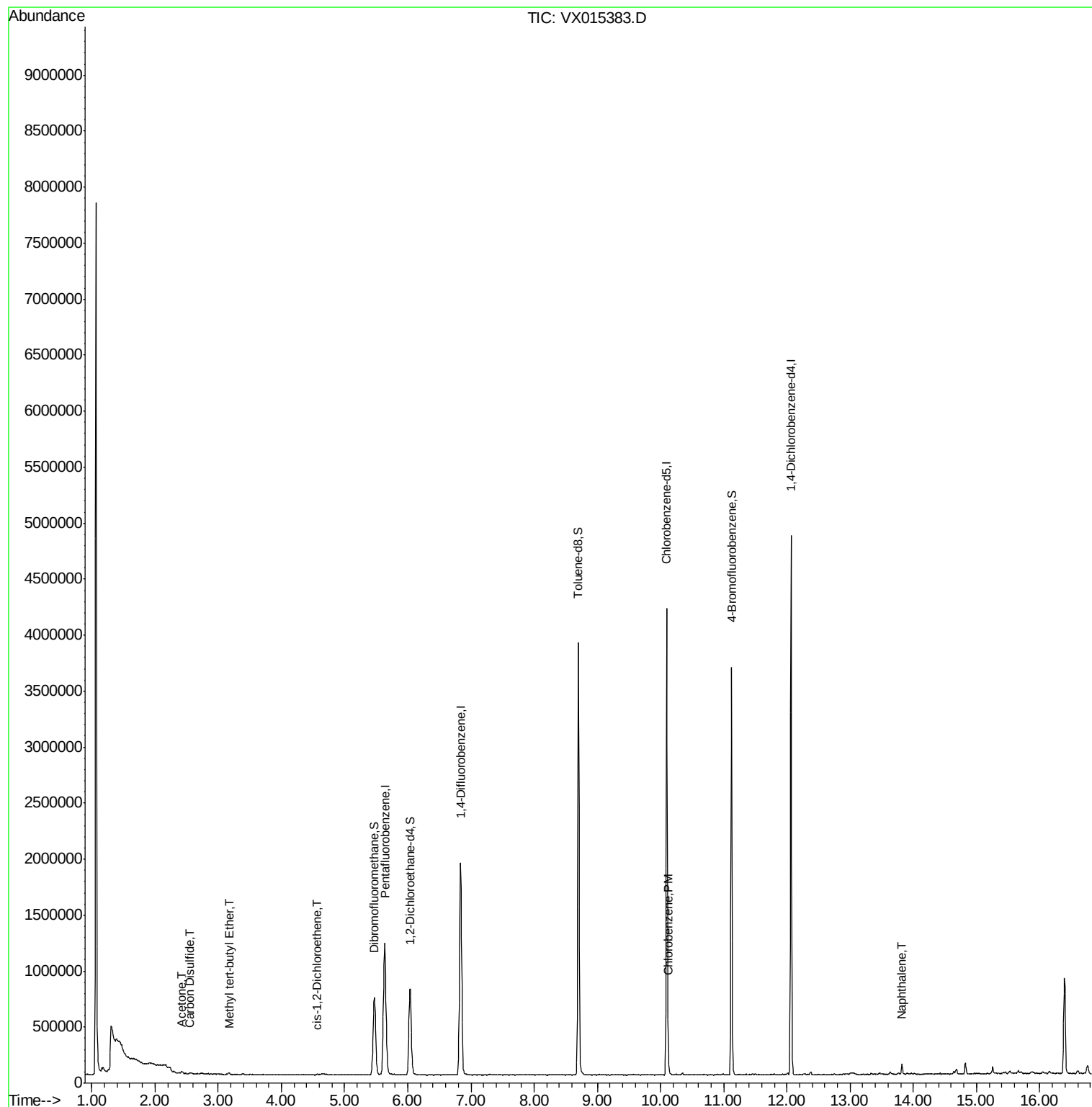
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1142844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1884512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1775646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	923939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	751779	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	5.47	113	585227	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.70	98	2290516	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.12	95	972419	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
Target Compounds						
16) Acetone	2.42	43	23573	3.404	ug/l	90
17) Carbon Disulfide	2.56	76	15478	0.470	ug/l #	93
19) Methyl tert-butyl Ether	3.17	73	12945	0.309	ug/l #	81
27) cis-1,2-Dichloroethene	4.57	96	3249	0.235	ug/l	94
65) Chlorobenzene	10.12	112	20344	0.574	ug/l #	87
95) Naphthalene	13.82	128	56420	0.827	ug/l	98

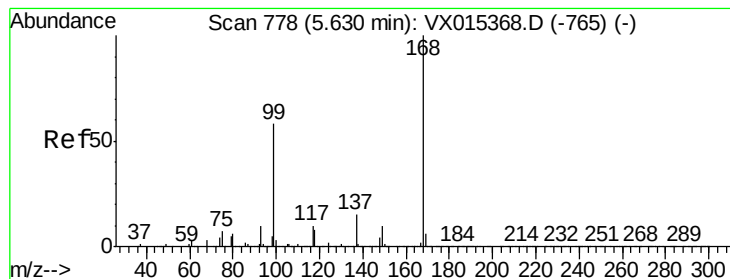
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015383.D

Acq: 27 Mar 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

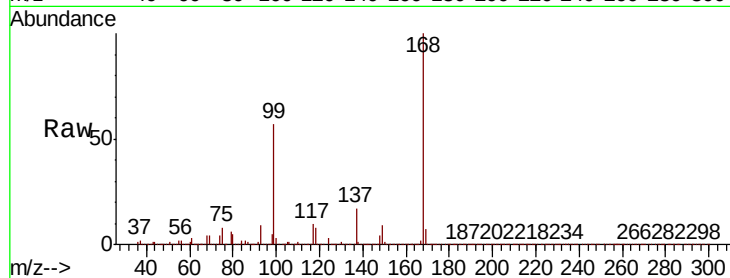
GHD1-GW-03-17

Tot Ion:168 Resp: 1142844

Ion Ratio Lower Upper

168 100

99 57.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

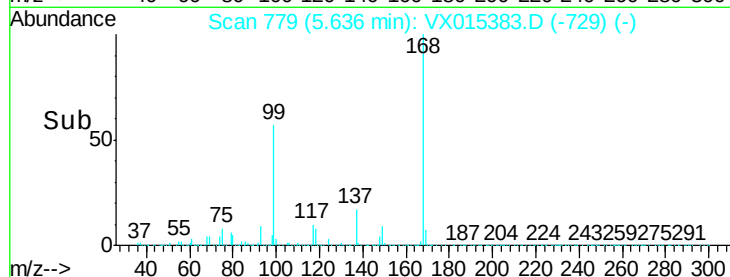
200000

100000

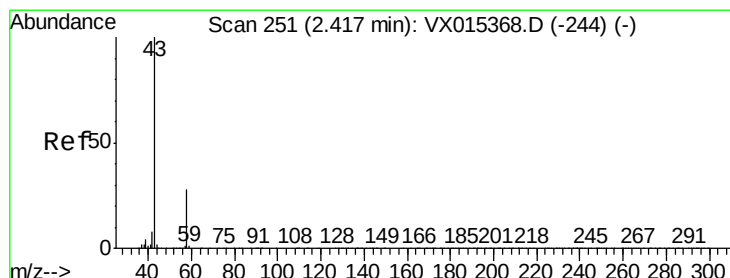
0

5.60

5.80



Time-->



#16

Acetone

Concen: 3.404 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015383.D

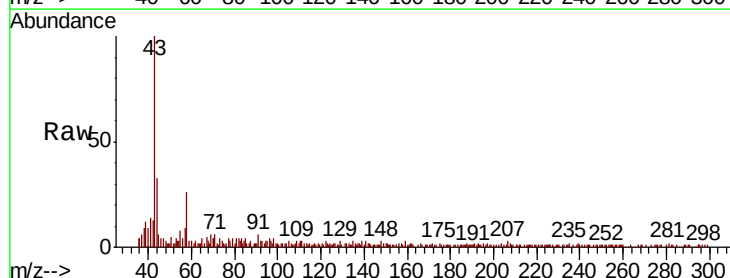
Acq: 27 Mar 2020 15:51

Tgt Ion: 43 Resp: 23573

Ion Ratio Lower Upper

43 100

58 22.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

15000

10000

5000

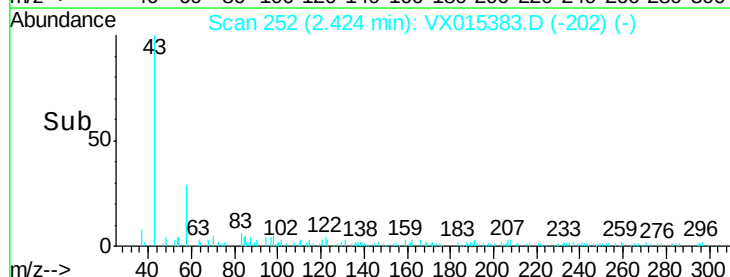
0

2.35

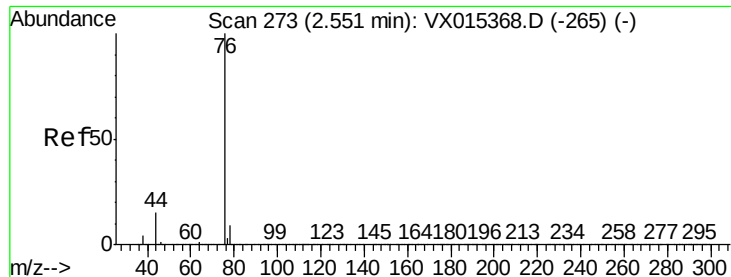
2.40

2.45

2.50



Time-->



#17

Carbon Disulfide

Concen: 0.470 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015383.D

Acq: 27 Mar 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

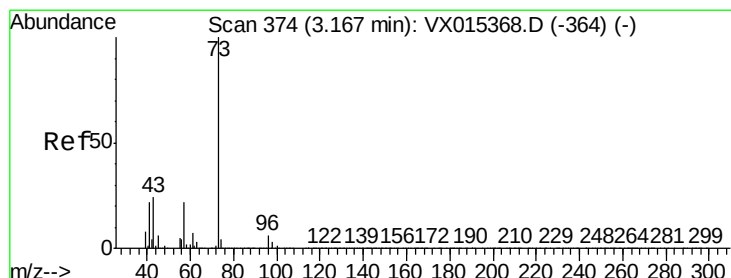
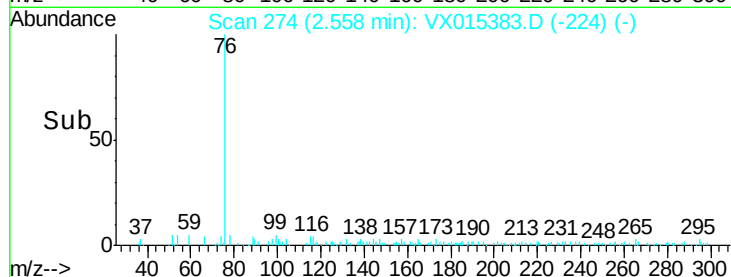
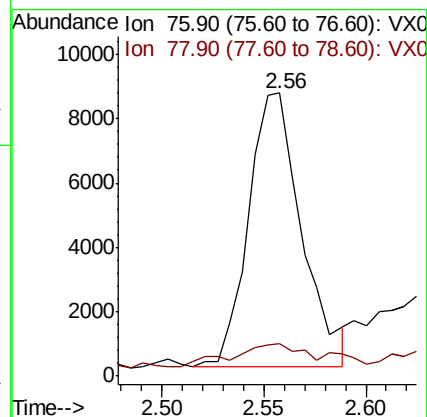
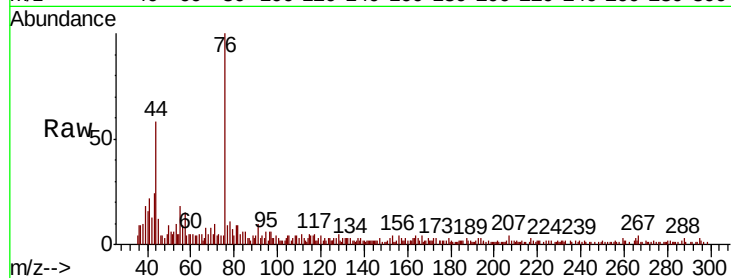
GHD1-GW-03-17

Tot Ion: 76 Resp: 15478

Ion Ratio Lower Upper

76 100

78 6.5 7.1 10.7#



#19

Methyl tert-butyl Ether

Concen: 0.309 ug/l

RT: 3.17 min Scan# 375

Delta R.T. 0.01 min

Lab File: VX015383.D

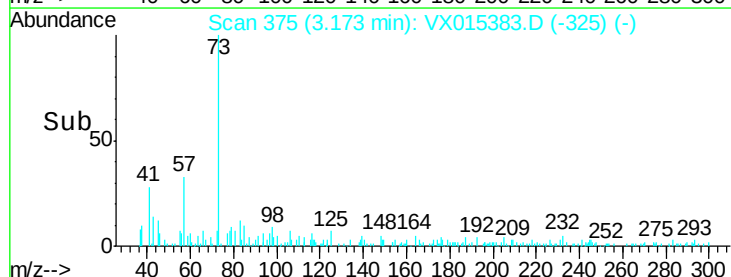
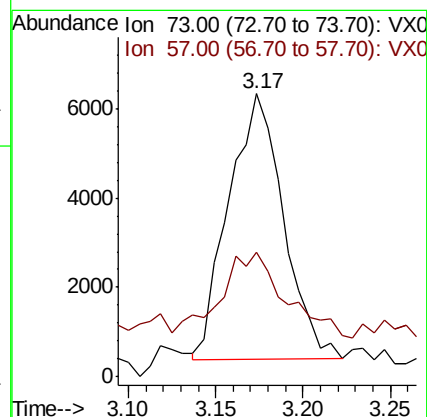
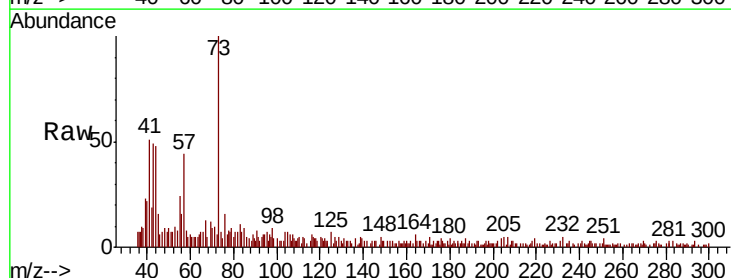
Acq: 27 Mar 2020 15:51

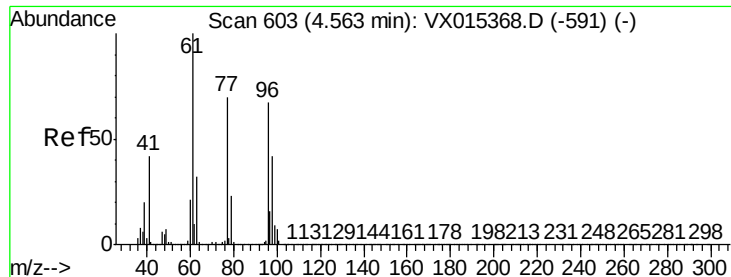
Tgt Ion: 73 Resp: 12945

Ion Ratio Lower Upper

73 100

57 31.4 17.9 26.9#



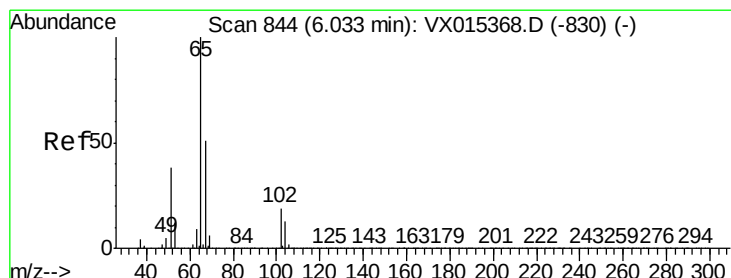
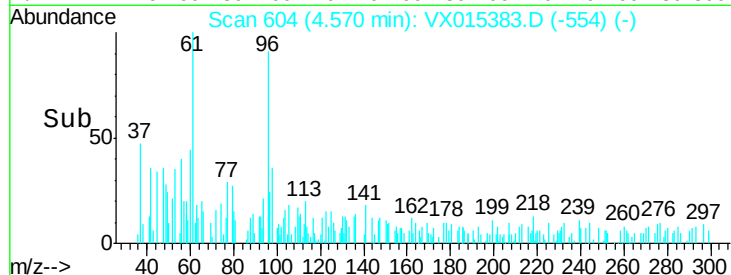
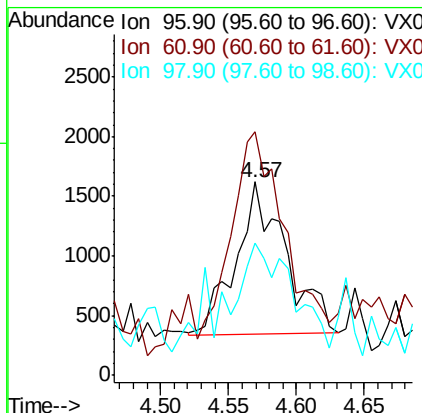
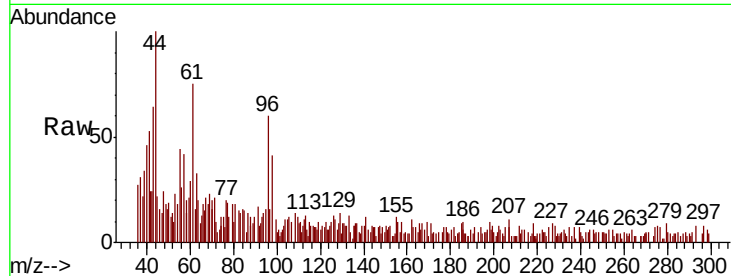


#27

cis-1,2-Dichloroethene
Concen: 0.235 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015383.D
Acq: 27 Mar 2020 15:51

Instrument :
MSVOA_X
ClientSampled :
GHD1-GW-03-17

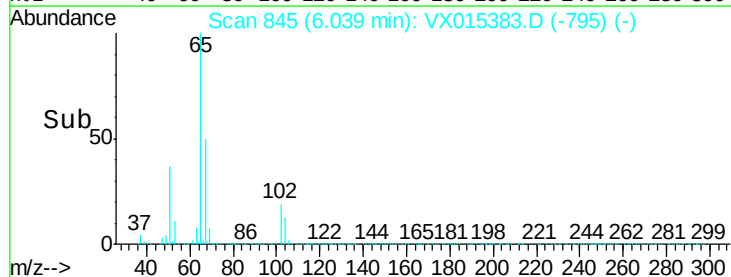
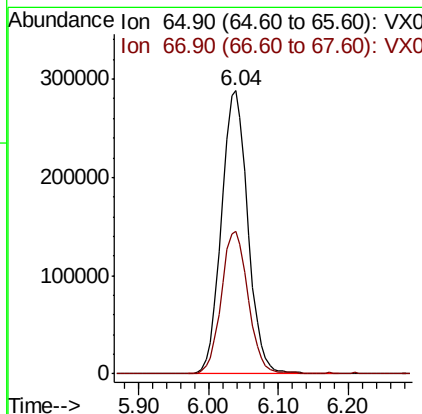
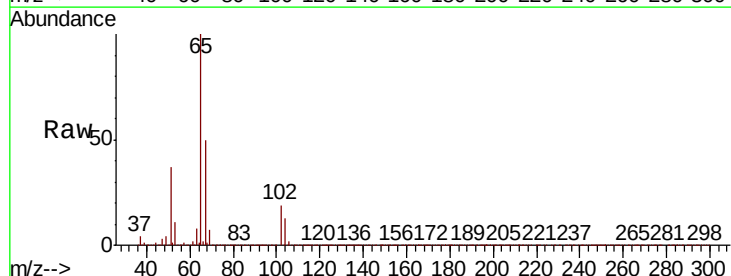
Tot Ion: 96 Resp: 3249
Ion Ratio Lower Upper
96 100
61 144.0 0.0 308.4
98 66.8 0.0 129.2

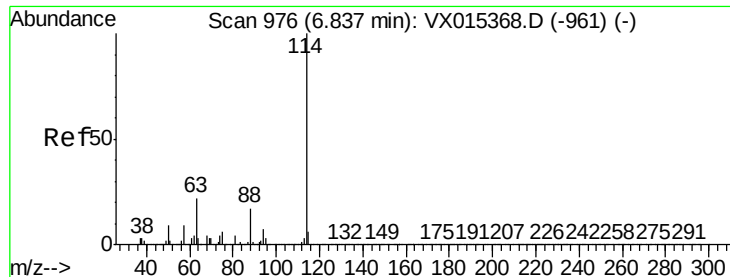


#33

1,2-Dichloroethane-d4
Concen: 46.641 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015383.D
Acq: 27 Mar 2020 15:51

Tgt Ion: 65 Resp: 751779
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.6

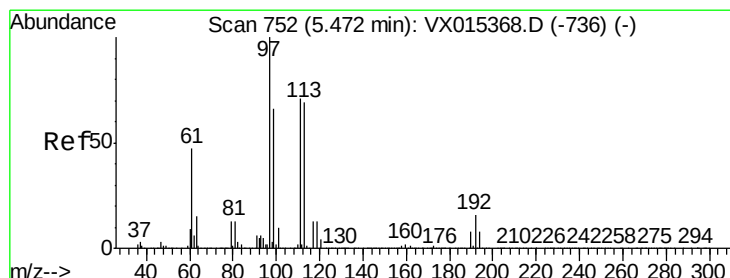
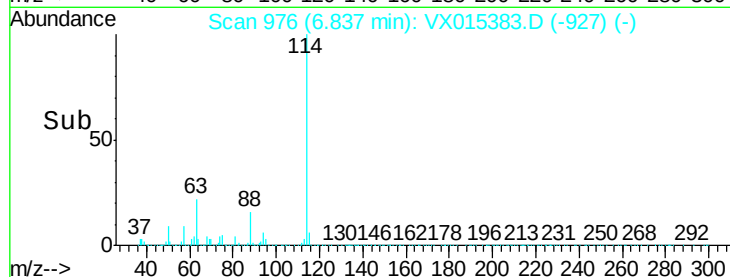
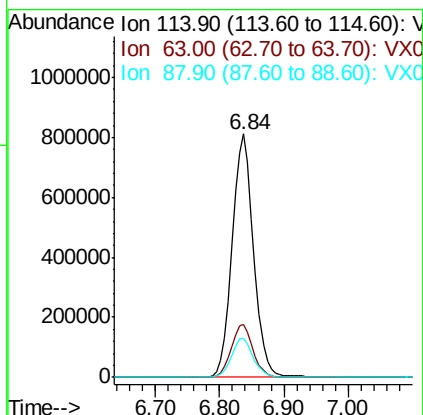
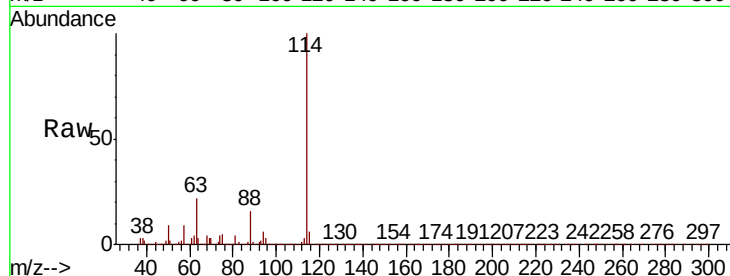




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015383.D
 Acq: 27 Mar 2020 15:51

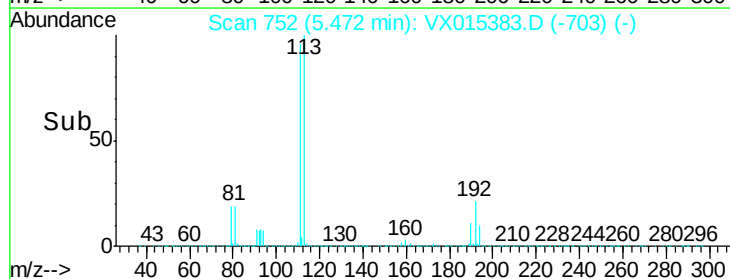
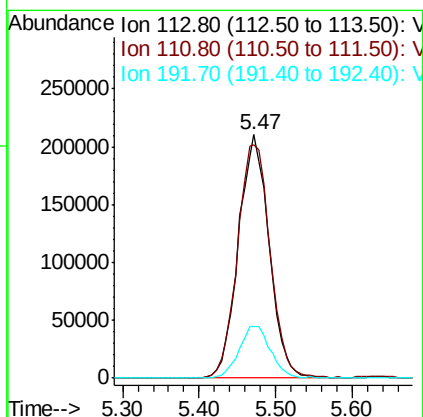
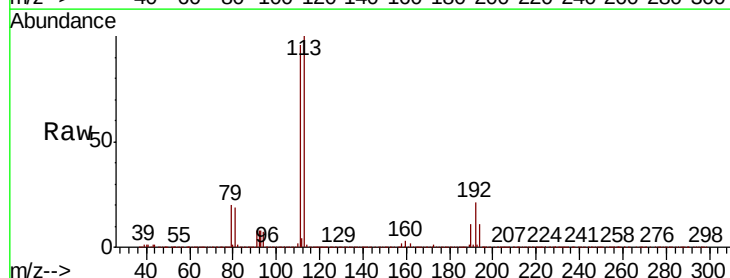
Instrument :
 MSVOA_X
 ClientSampleId :
 GHD1-GW-03-17

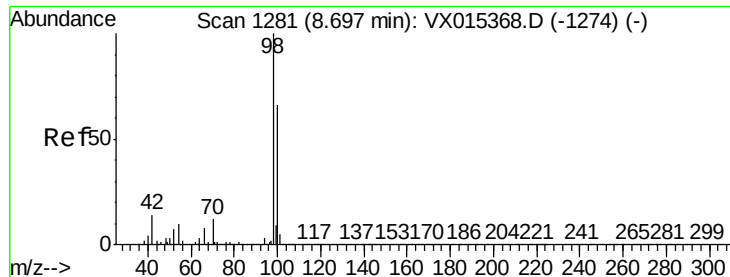
Tot Ion:114 Resp: 1884512
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.2
 88 15.7 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 48.581 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015383.D
 Acq: 27 Mar 2020 15:51

Tgt Ion:113 Resp: 585227
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.5 122.3
 192 21.9 17.8 26.6

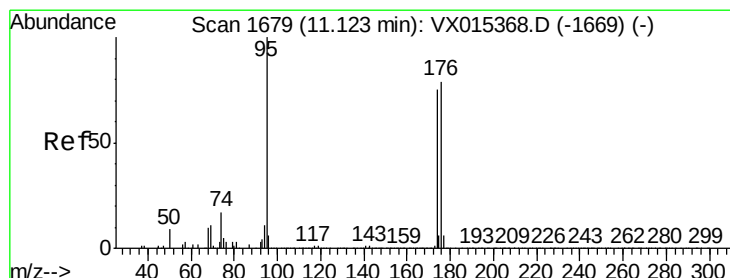
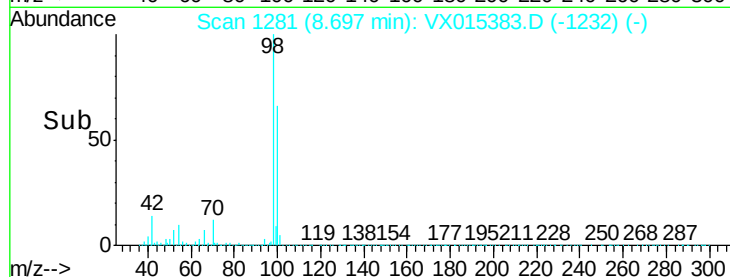
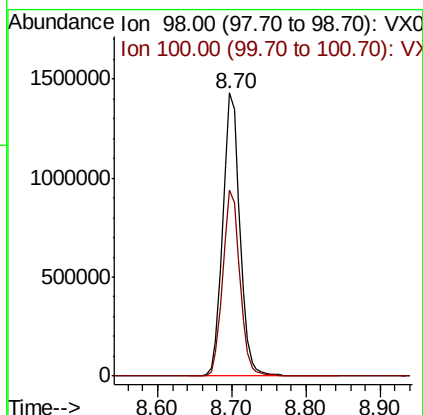
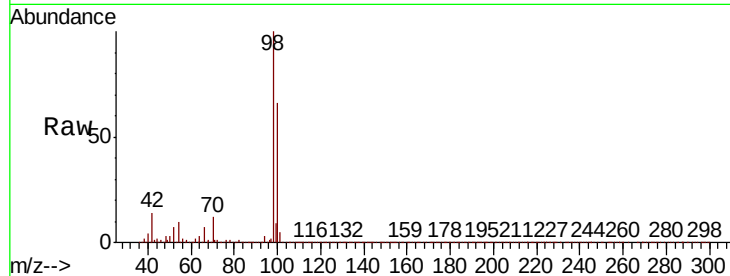




#50
Toluene-d8
Concen: 51.645 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015383.D
Acq: 27 Mar 2020 15:51

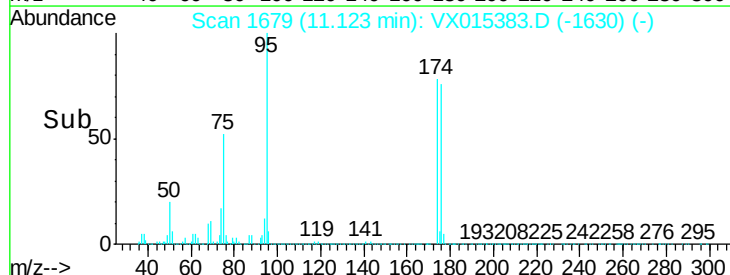
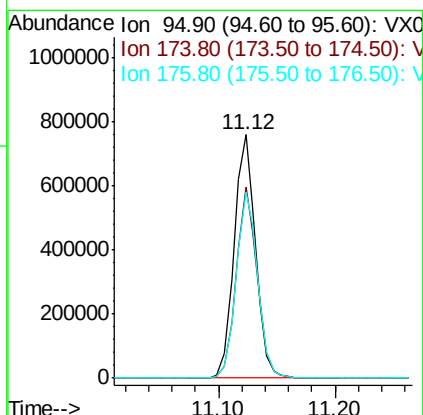
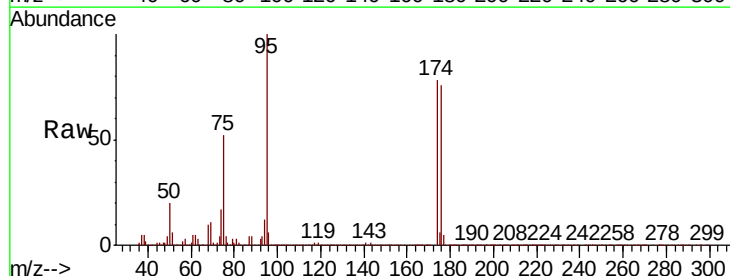
Instrument :
MSVOA_X
ClientSampleId :
GHD1-GW-03-17

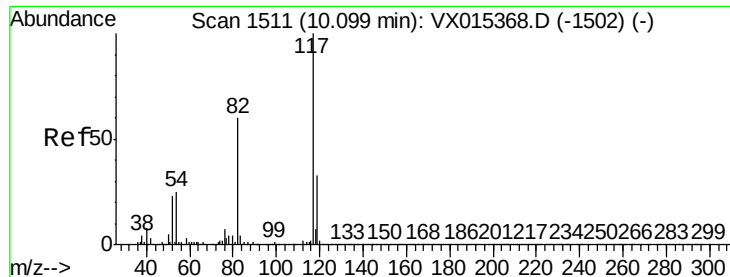
Tot Ion: 98 Resp: 2290516
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.950 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015383.D
Acq: 27 Mar 2020 15:51

Tgt Ion: 95 Resp: 972419
Ion Ratio Lower Upper
95 100
174 76.4 0.0 158.6
176 76.4 0.0 159.0

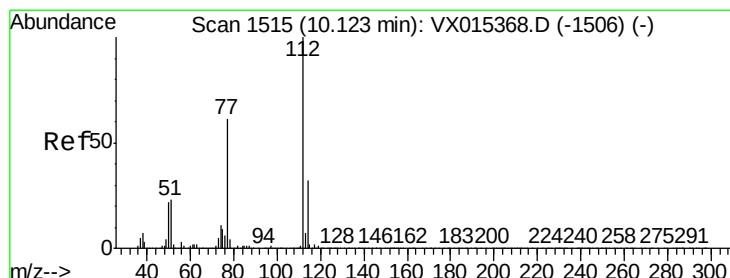
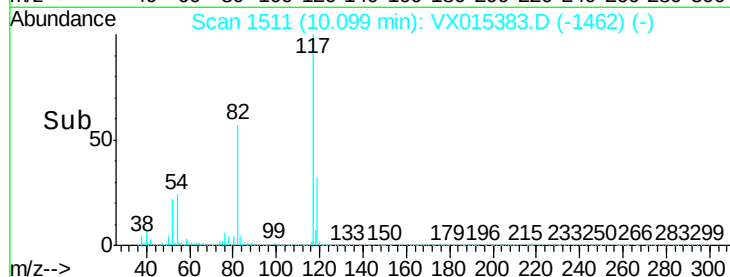
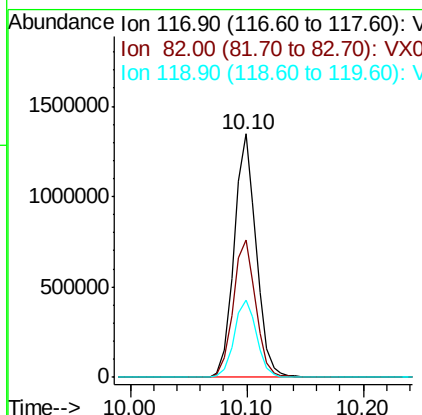
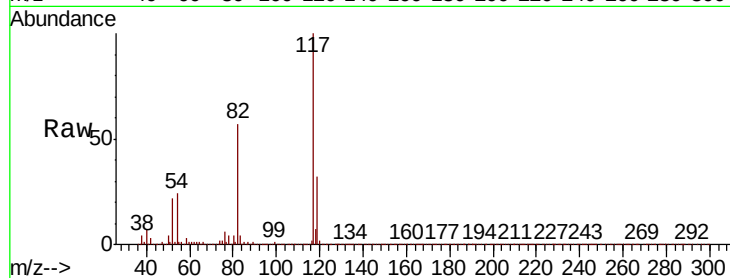




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015383.D
Acq: 27 Mar 2020 15:51

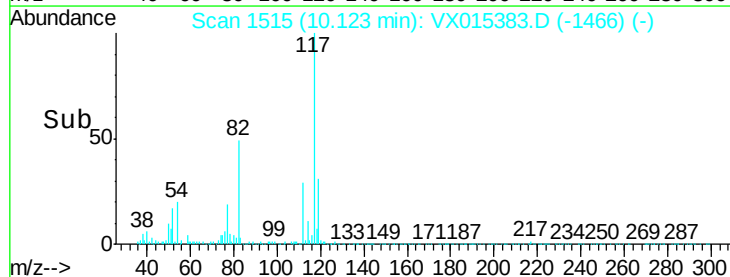
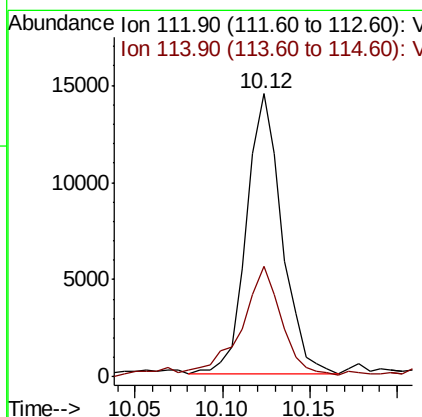
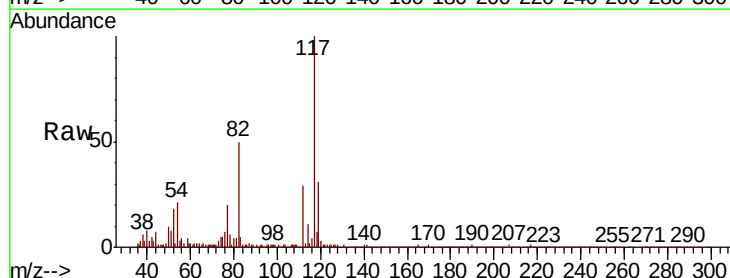
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MSVOA_X
ClientSampleId :
GHD1-GW-03-17

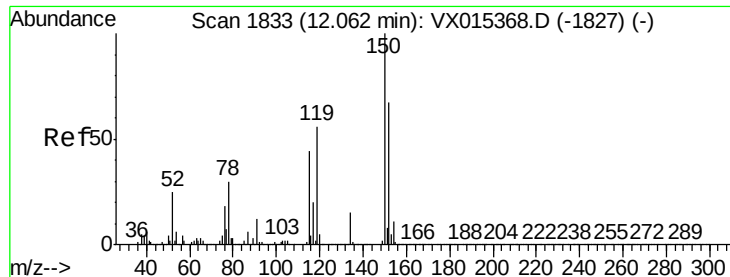
Tot Ion:117 Resp: 1775646
Ion Ratio Lower Upper
117 100
82 56.6 47.8 71.8
119 31.9 26.8 40.2



#65
Chlorobenzene
Concen: 0.574 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015383.D
Acq: 27 Mar 2020 15:51

Tgt Ion:112 Resp: 20344
Ion Ratio Lower Upper
112 100
114 39.2 25.5 38.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015383.D

Acq: 27 Mar 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

GHD1-GW-03-17

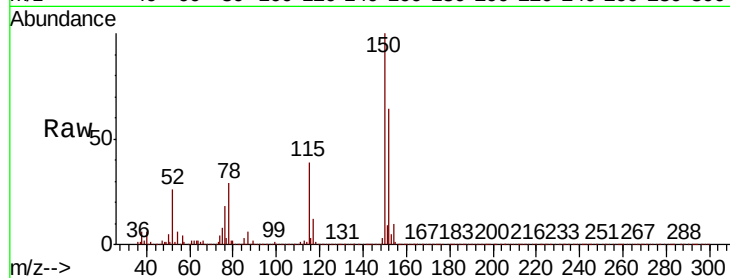
Tot Ion:152 Resp: 923939

Ion Ratio Lower Upper

152 100

115 60.5 39.0 116.9

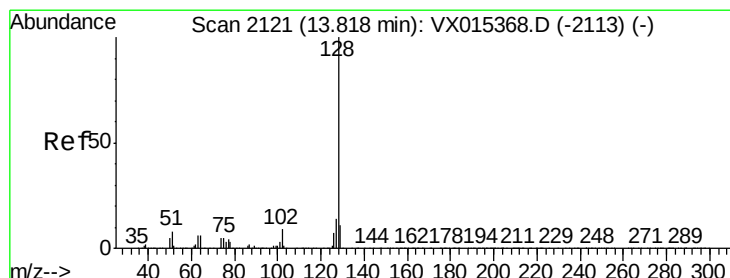
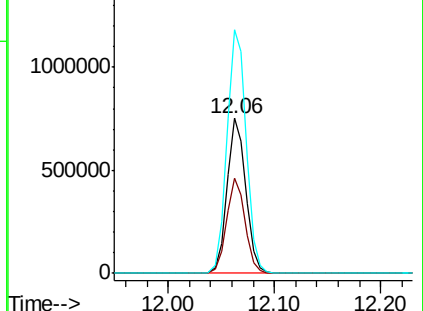
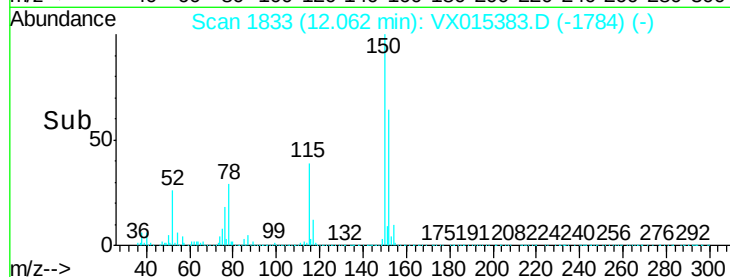
150 161.4 0.0 340.8



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



#95

Naphthalene

Concen: 0.827 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015383.D

Acq: 27 Mar 2020 15:51

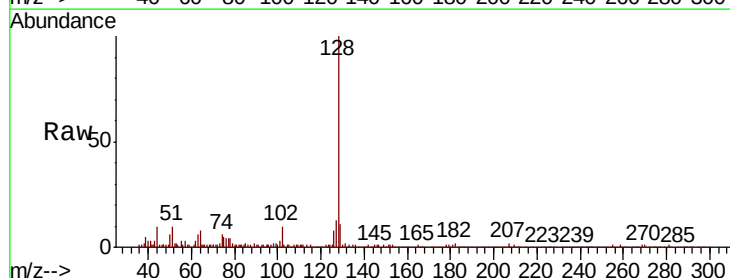
Tgt Ion:128 Resp: 56420

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

129 10.8 8.8 13.2



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

