

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032720\
 Data File : VX015382.D
 Acq On : 27 Mar 2020 15:28
 Operator : JC/SP
 Sample : L2011-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GHD1-WC-L-01

Quant Time: Mar 31 12:19:07 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	1160701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1889766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1814886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	945951	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	766283	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
35) Dibromofluoromethane	5.47	113	589924	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	8.70	98	2288873	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.12	95	987682	54.64	ug/l	0.00
Spiked Amount			Recovery	=	109.28%	

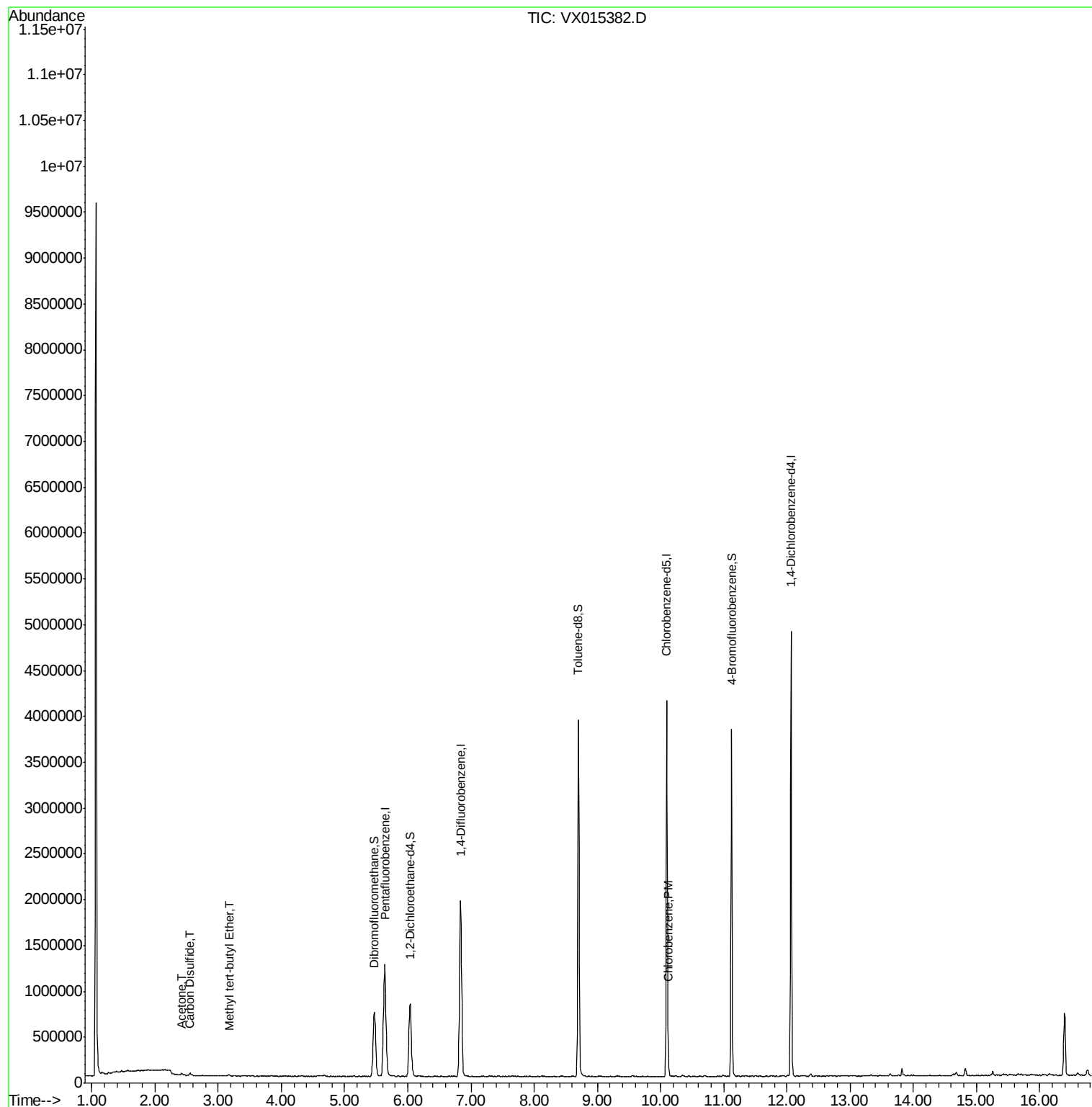
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	24201	3.44	ug/l	95
17) Carbon Disulfide	2.55	76	31473	0.94	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	14789	0.35	ug/l	95
65) Chlorobenzene	10.12	112	20076	0.55	ug/l	99

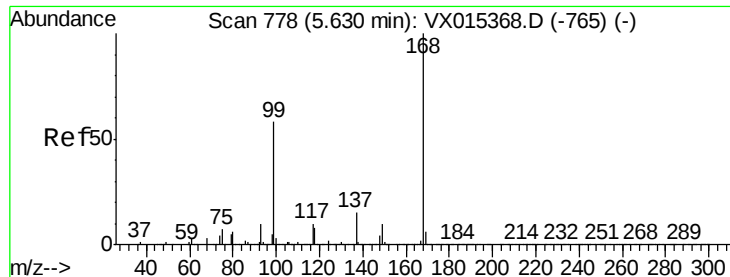
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015382.D

Acq: 27 Mar 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

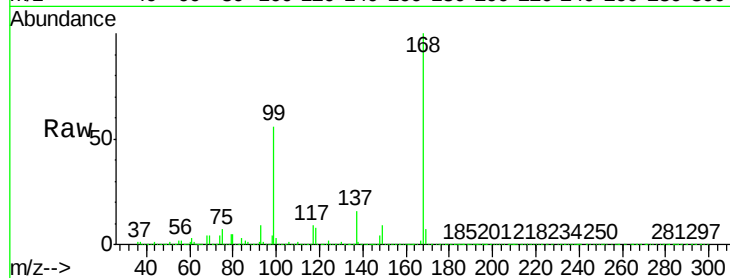
GHD1-WC-L-01

Tgt Ion:168 Resp: 1160701

Ion Ratio Lower Upper

168 100

99 55.7 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

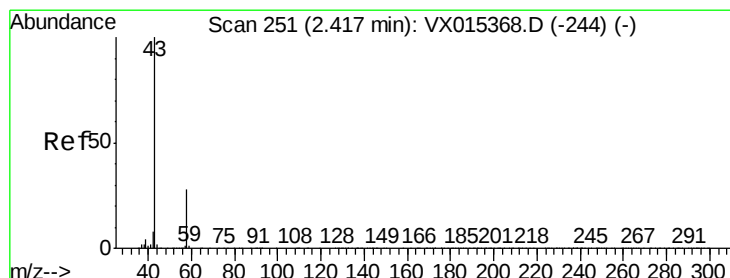
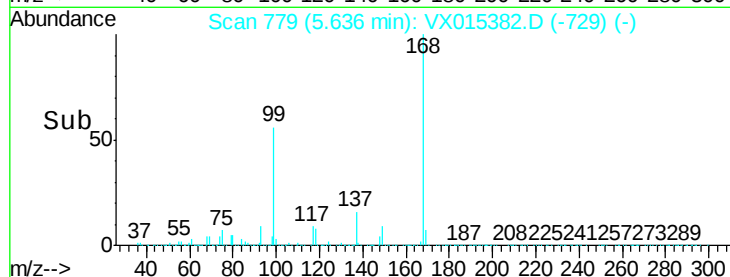
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.44 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015382.D

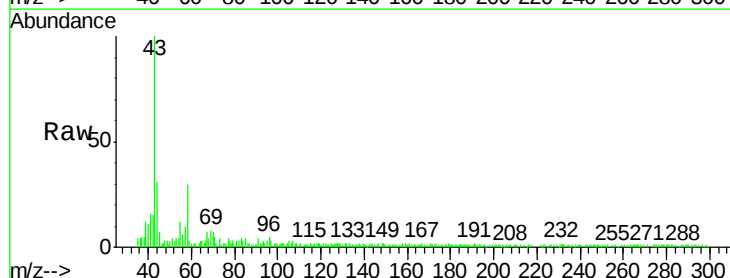
Acq: 27 Mar 2020 15:28

Tgt Ion: 43 Resp: 24201

Ion Ratio Lower Upper

43 100

58 30.1 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

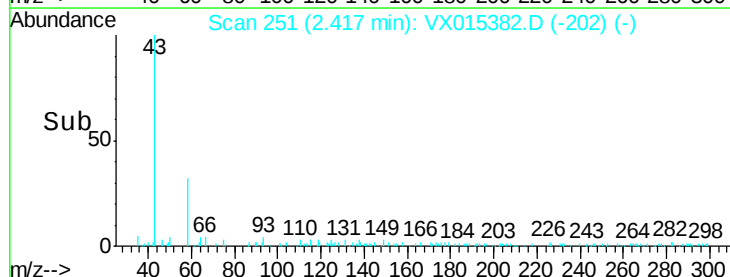
15000

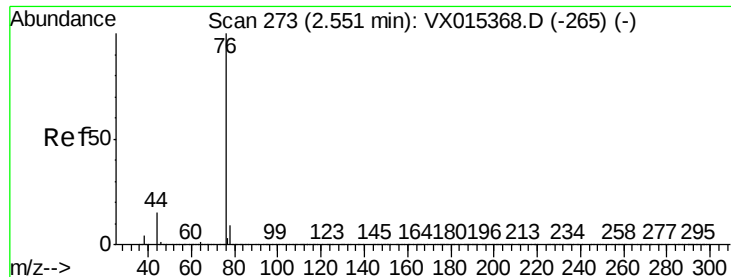
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 0.94 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015382.D

Acq: 27 Mar 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

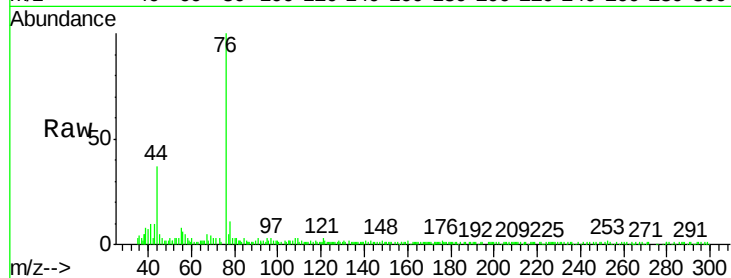
GHD1-WC-L-01

Tgt Ion: 76 Resp: 31473

Ion Ratio Lower Upper

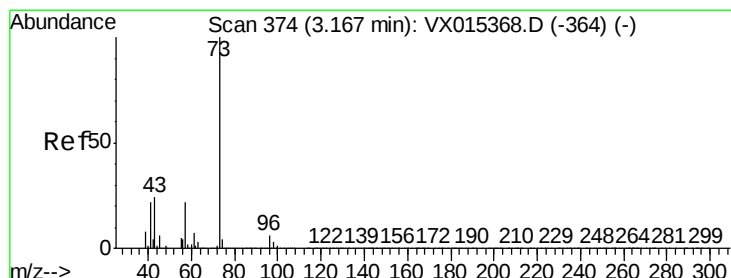
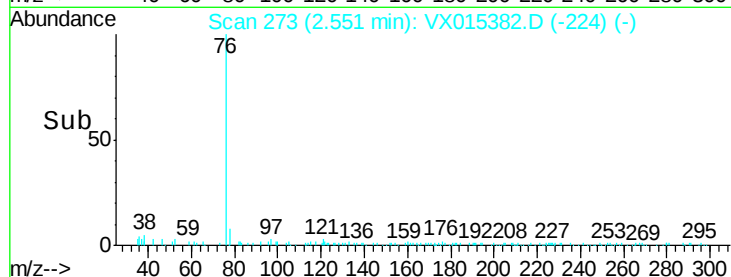
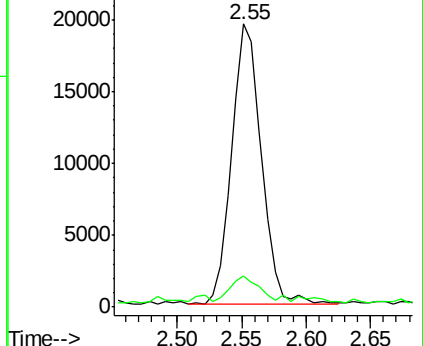
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#19

Methyl tert-butyl Ether

Concen: 0.35 ug/l

RT: 3.17 min Scan# 375

Delta R.T. 0.01 min

Lab File: VX015382.D

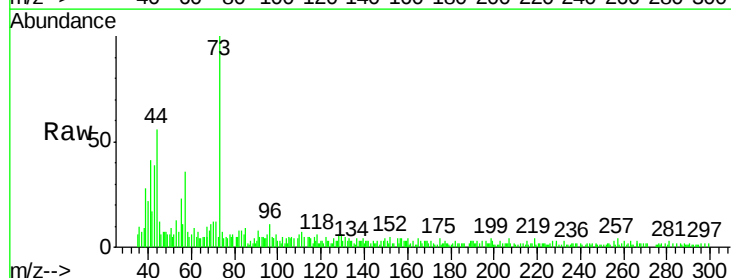
Acq: 27 Mar 2020 15:28

Tgt Ion: 73 Resp: 14789

Ion Ratio Lower Upper

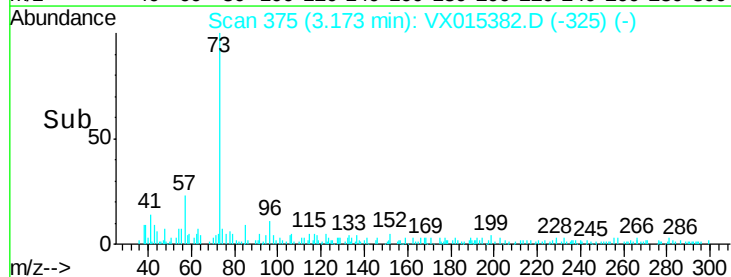
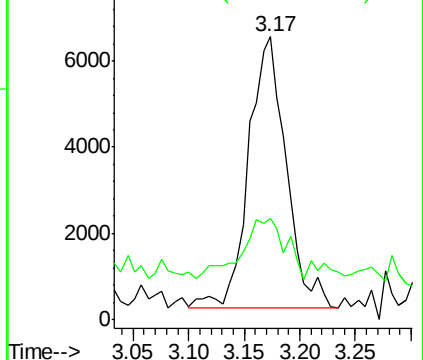
73 100

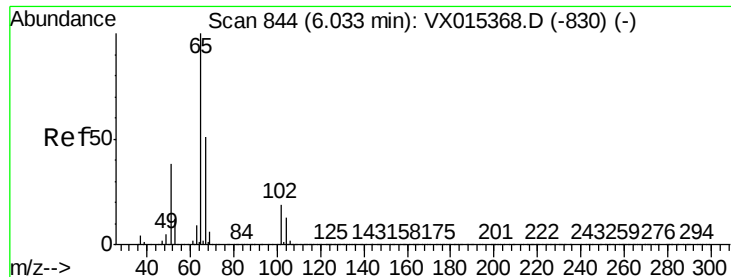
57 20.0 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

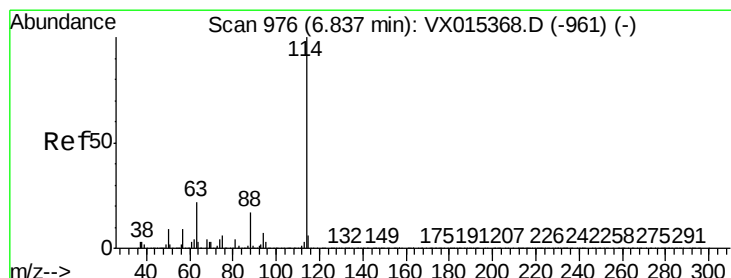
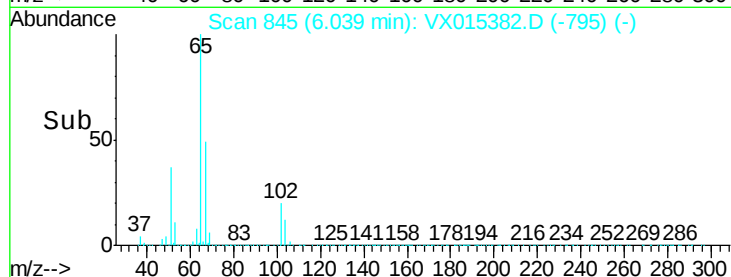
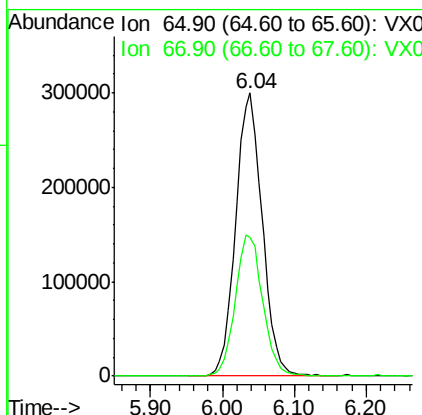
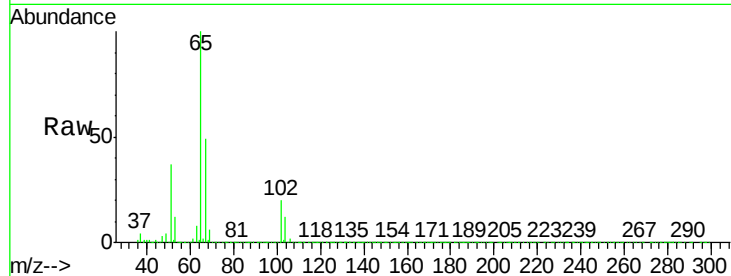




#33
 1,2-Dichloroethane-d4
 Concen: 46.81 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015382.D
 Acq: 27 Mar 2020 15:28

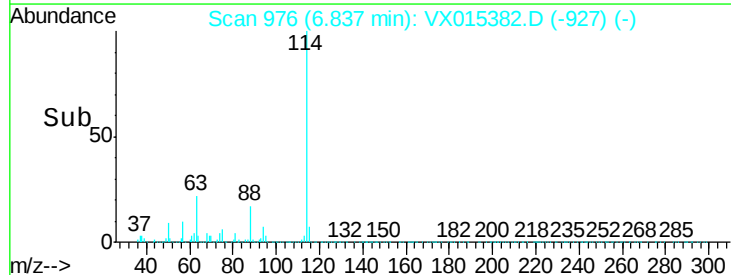
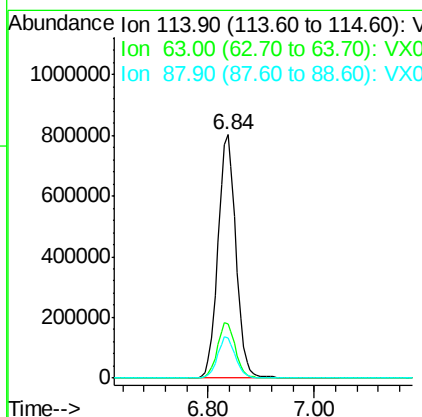
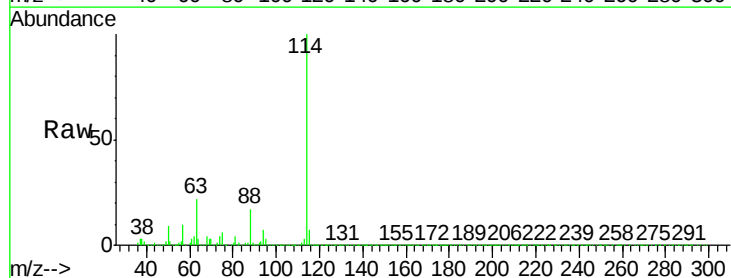
Instrument :
 MSVOA_X
 ClientSampleId :
 GHD1-WC-L-01

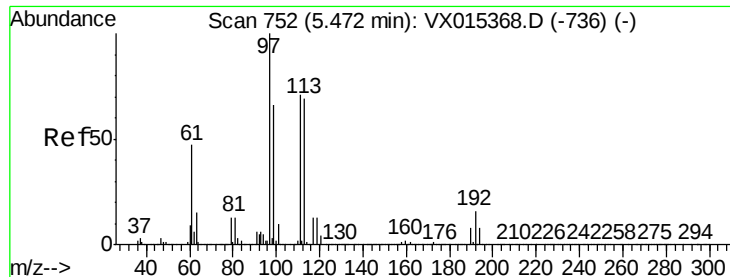
Tgt Ion: 65 Resp: 766283
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015382.D
 Acq: 27 Mar 2020 15:28

Tgt Ion: 114 Resp: 1889766
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.2
 88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.84 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015382.D

Acq: 27 Mar 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

GHD1-WC-L-01

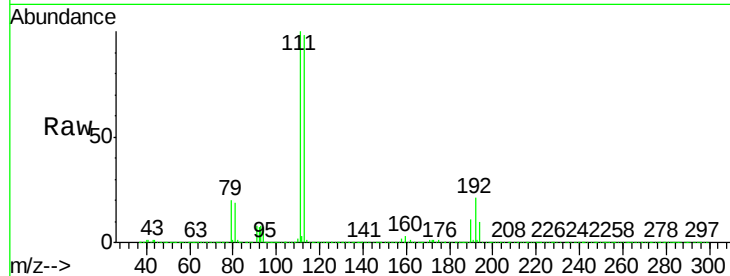
Tgt Ion:113 Resp: 589924

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

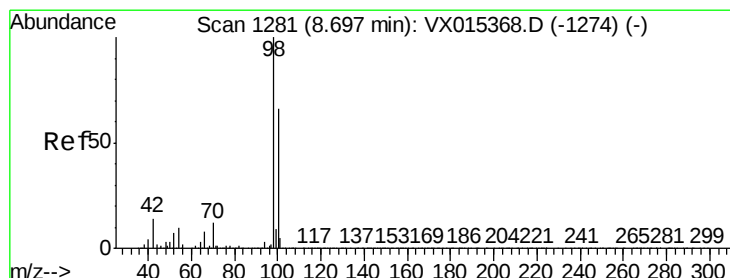
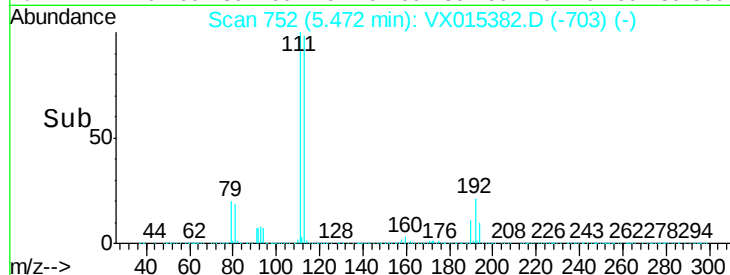
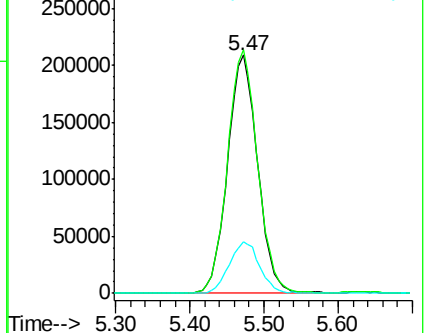
192 22.1 17.8 26.6



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: 51.46 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015382.D

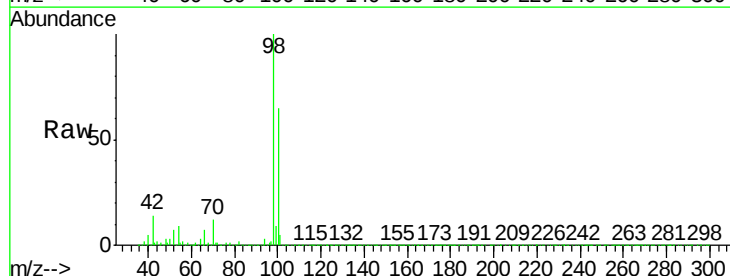
Acq: 27 Mar 2020 15:28

Tgt Ion: 98 Resp: 2288873

Ion Ratio Lower Upper

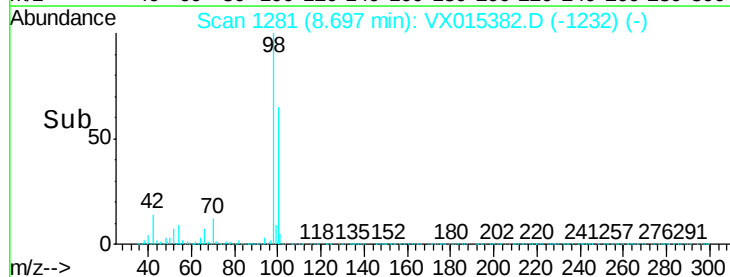
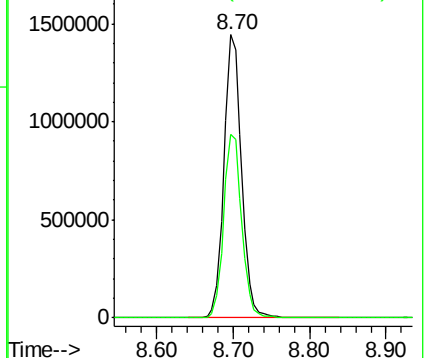
98 100

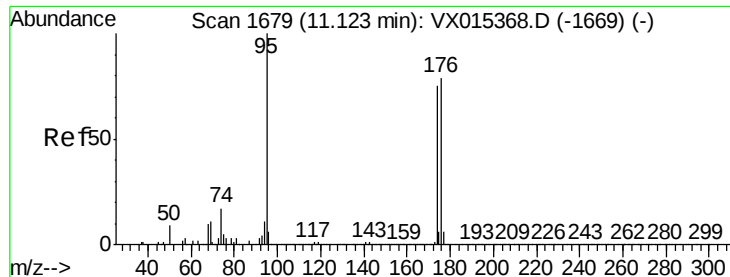
100 66.6 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

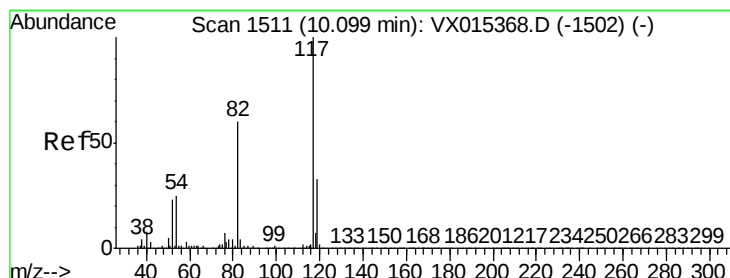
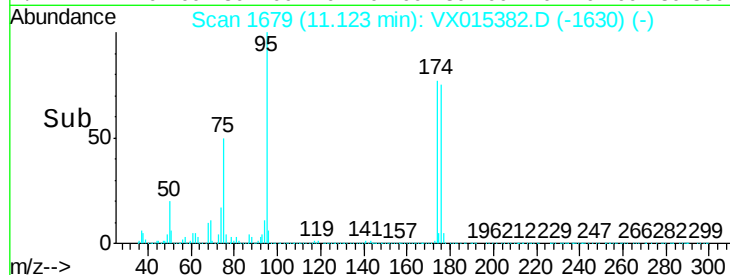
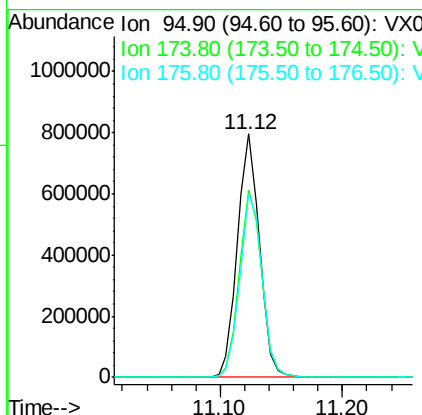
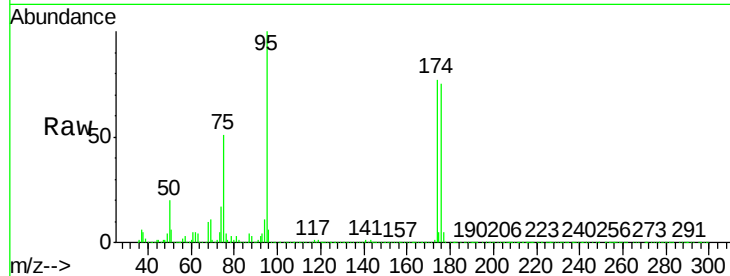




#62
4-Bromofluorobenzene
Concen: 54.64 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015382.D
Acq: 27 Mar 2020 15:28

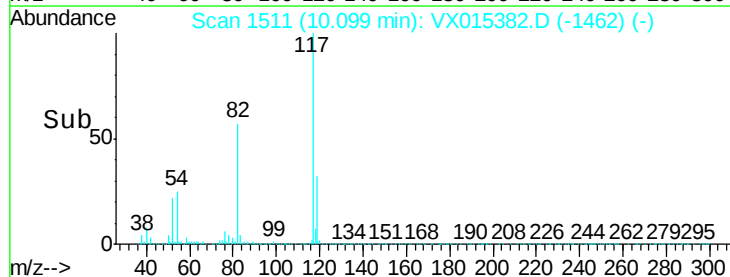
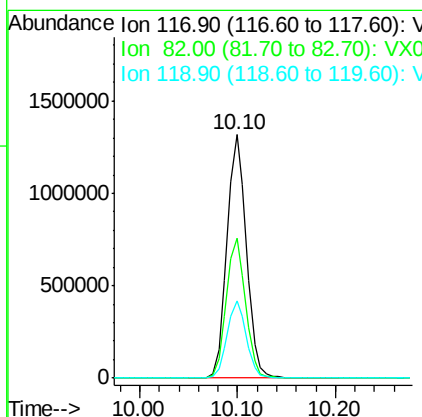
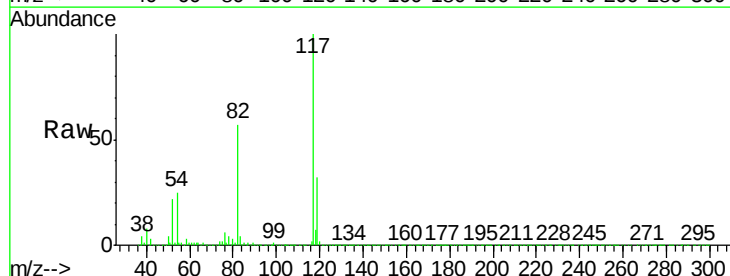
Instrument :
MSVOA_X
ClientSampled :
GHD1-WC-L-01

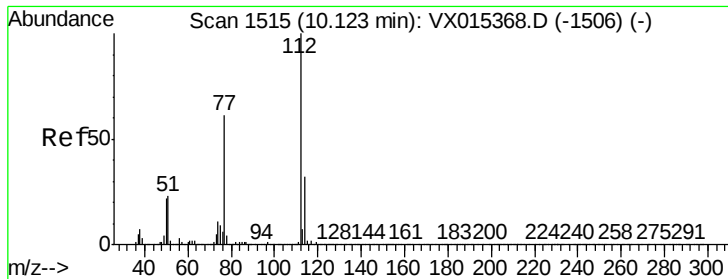
Tgt Ion: 95 Resp: 987682
Ion Ratio Lower Upper
95 100
174 78.2 0.0 158.6
176 76.2 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015382.D
Acq: 27 Mar 2020 15:28

Tgt Ion: 117 Resp: 1814886
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.8
119 31.7 26.8 40.2





#65

Chlorobenzene

Concen: 0.55 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015382.D

Acq: 27 Mar 2020 15:28

Instrument :

MSVOA_X

ClientSampleId :

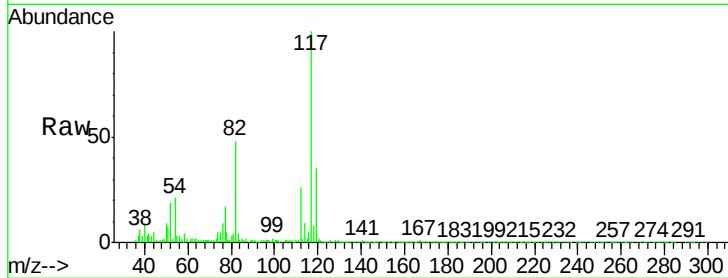
GHD1-WC-L-01

Tgt Ion:112 Resp: 20076

Ion Ratio Lower Upper

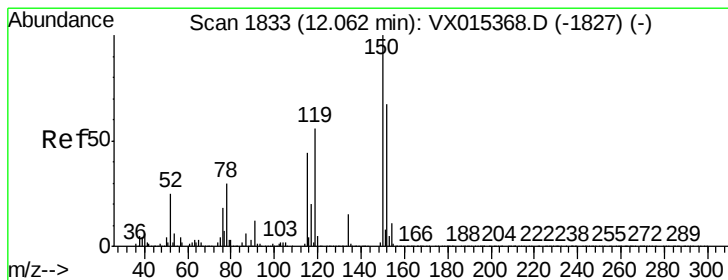
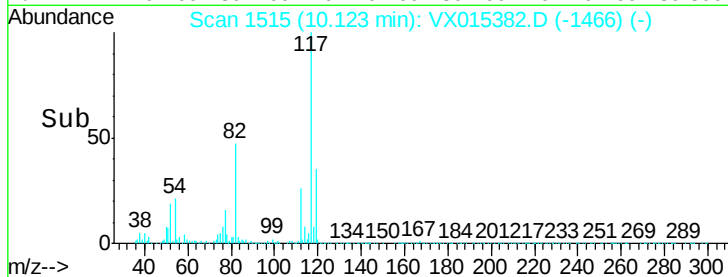
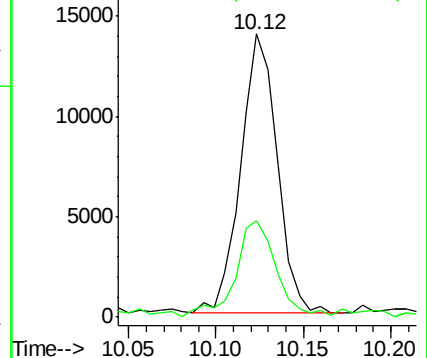
112 100

114 32.3 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015382.D

Acq: 27 Mar 2020 15:28

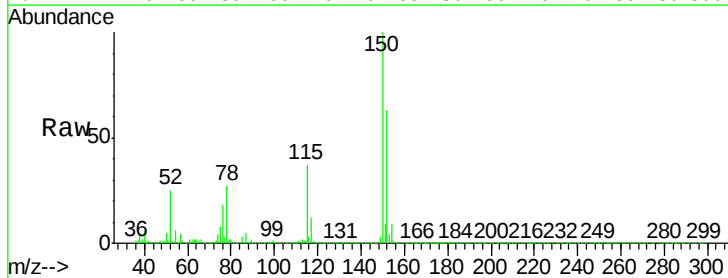
Tgt Ion:152 Resp: 945951

Ion Ratio Lower Upper

152 100

115 59.6 39.0 116.9

150 159.2 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

