

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031820\
 Data File : VY002006.D
 Acq On : 18 Mar 2020 12:09
 Operator : SY/MD
 Sample : L1958-04
 Misc : 6.11G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-03-1.5-2.5

Quant Time: Mar 19 04:19:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

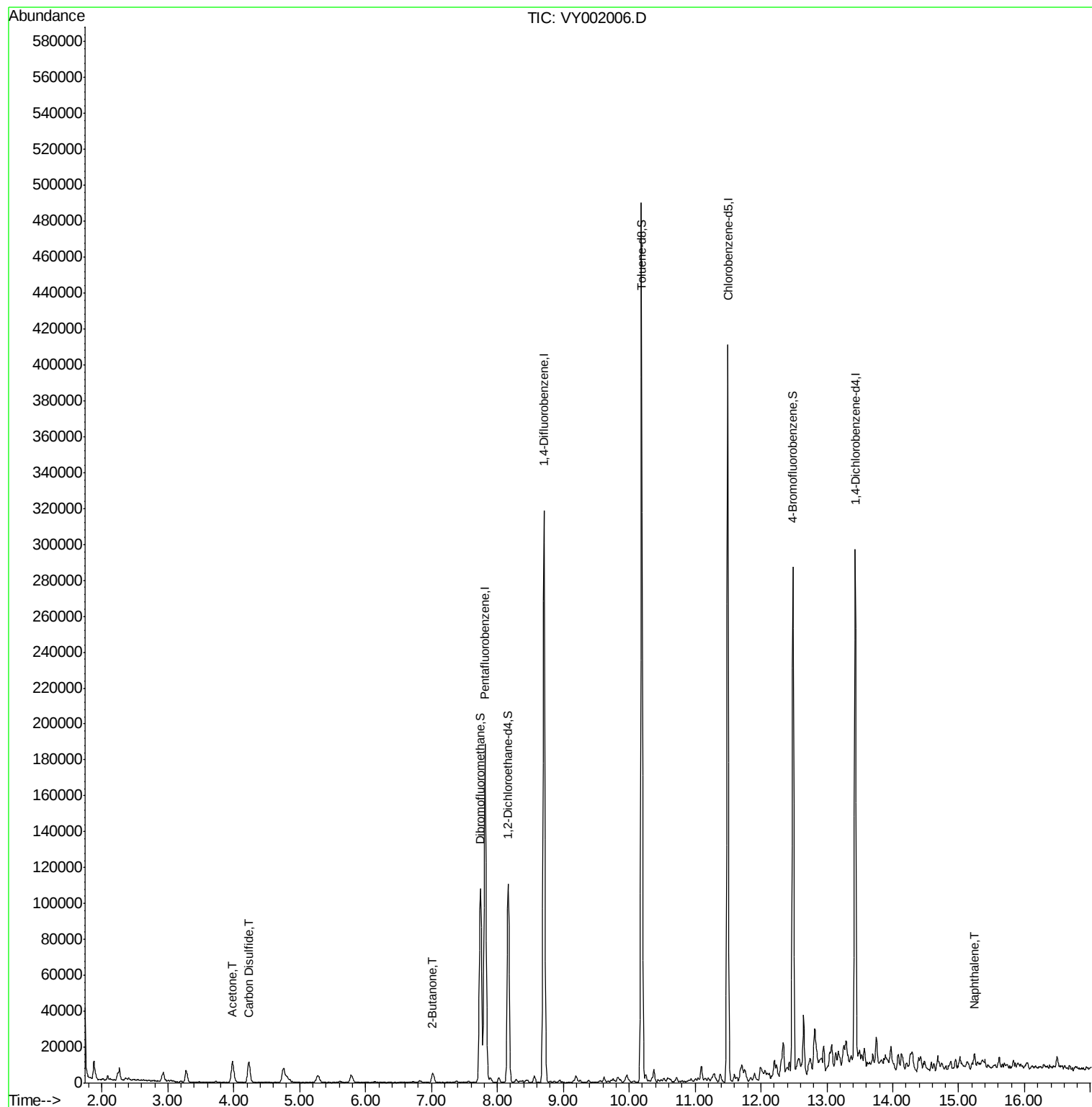
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	137793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	265841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	221243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	69478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	83665	56.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.76%	
35) Dibromofluoromethane	7.74	113	78089	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
50) Toluene-d8	10.19	98	316877	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.49	95	89729	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	
Target Compounds						
16) Acetone	3.98	43	19432	45.354	ug/l	91
17) Carbon Disulfide	4.23	76	22465	4.362	ug/l #	94
25) 2-Butanone	7.02	43	6922	10.624	ug/l	95
95) Naphthalene	15.24	128	6680	2.171	ug/l	96

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

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GHD1-SB-03-1.5-2.5

Quant Time: Mar 19 04:19:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002006.D

Acq: 18 Mar 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

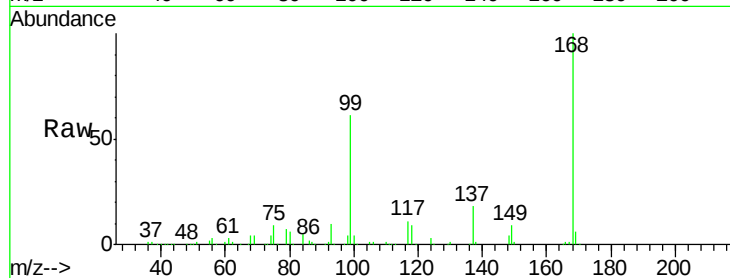
GHD1-SB-03-1.5-2.5

Tot Ion:168 Resp: 137793

Ion Ratio Lower Upper

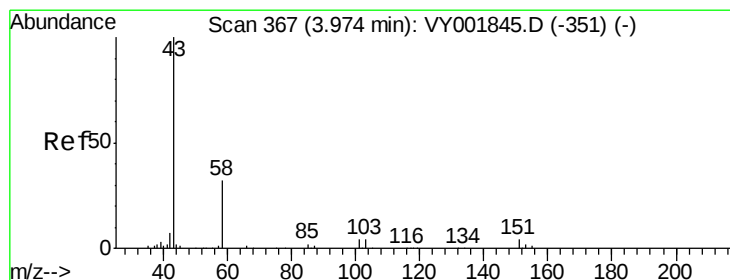
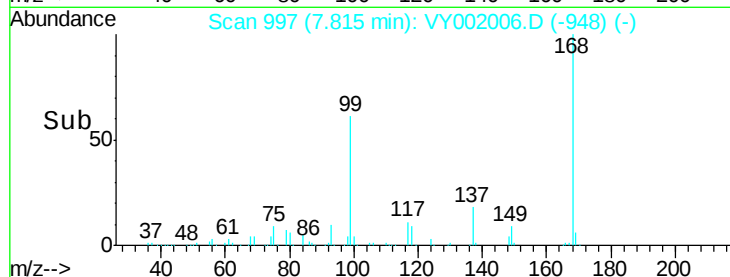
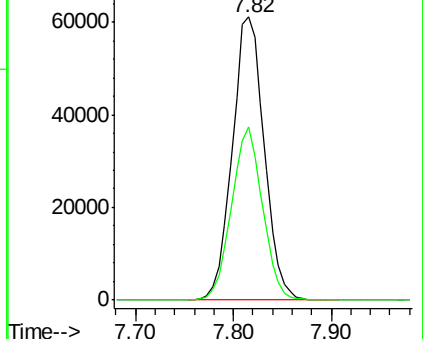
168 100

99 61.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#16

Acetone

Concen: 45.354 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002006.D

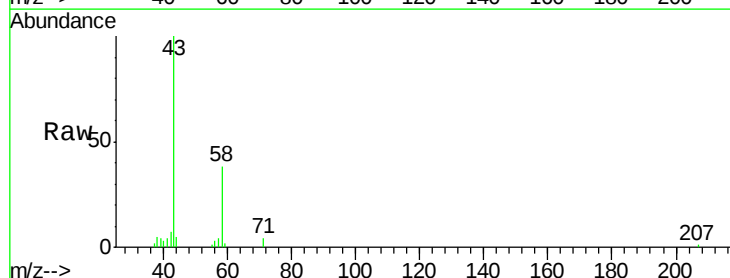
Acq: 18 Mar 2020 12:09

Tgt Ion: 43 Resp: 19432

Ion Ratio Lower Upper

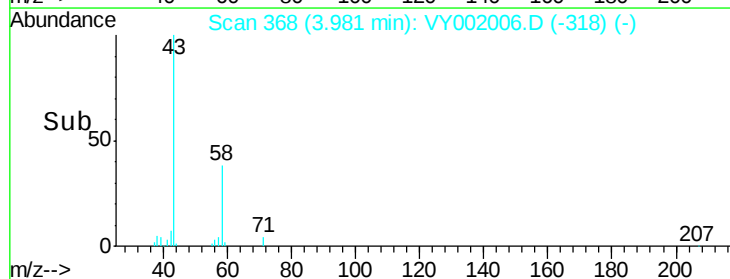
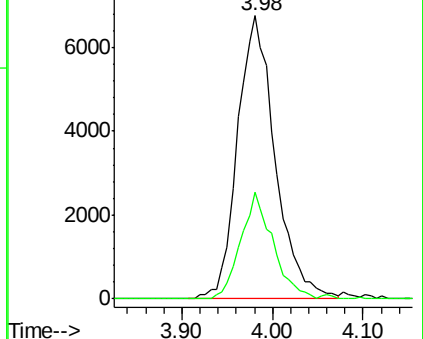
43 100

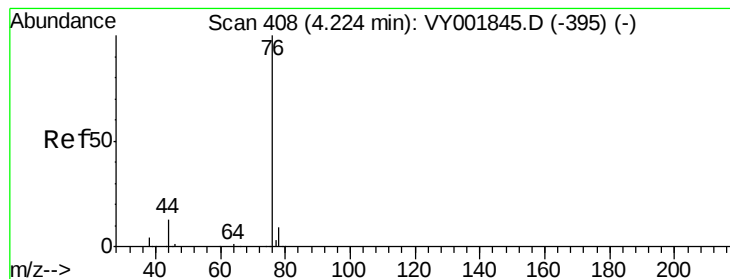
58 37.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)





#17

Carbon Disulfide

Concen: 4.362 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.01 min

Lab File: VY002006.D

Acq: 18 Mar 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

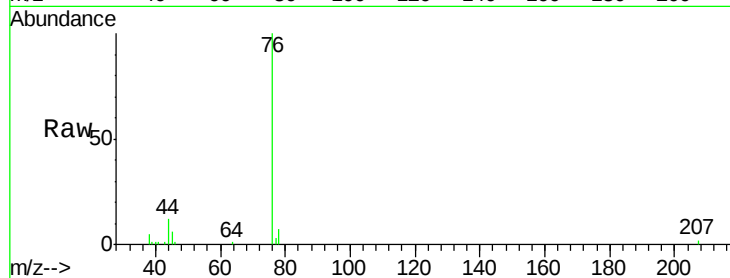
GHD1-SB-03-1.5-2.5

Tot Ion: 76 Resp: 22465

Ion Ratio Lower Upper

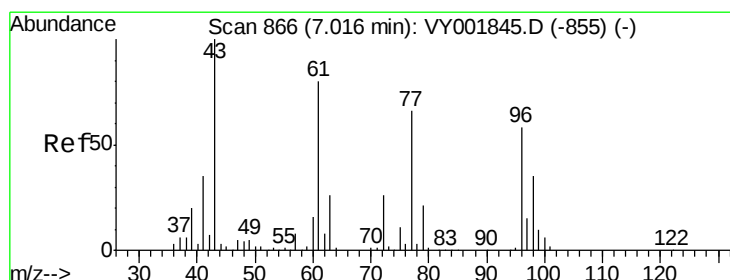
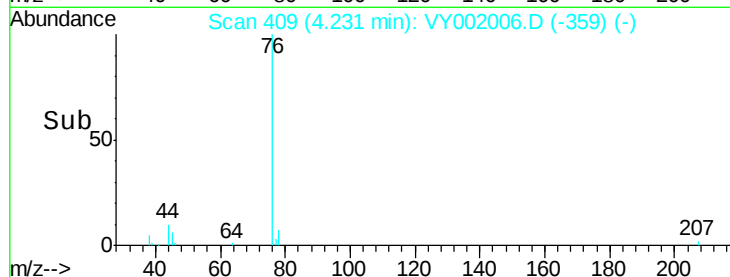
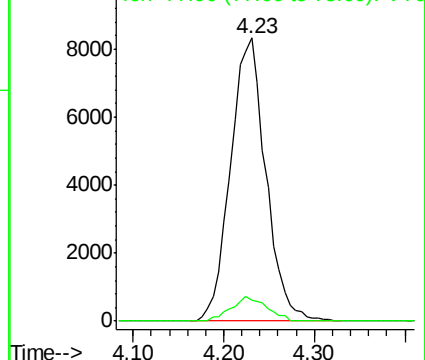
76 100

78 7.2 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#25

2-Butanone

Concen: 10.624 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002006.D

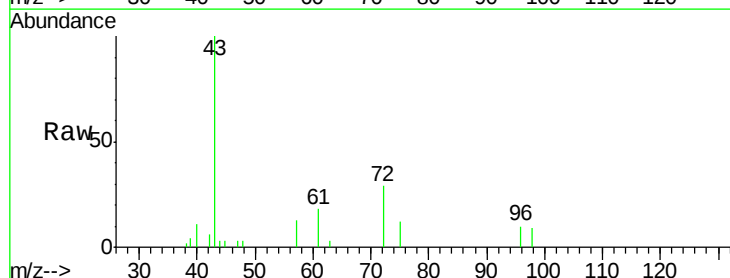
Acq: 18 Mar 2020 12:09

Tgt Ion: 43 Resp: 6922

Ion Ratio Lower Upper

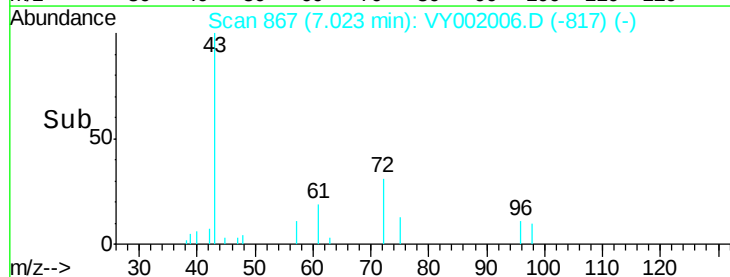
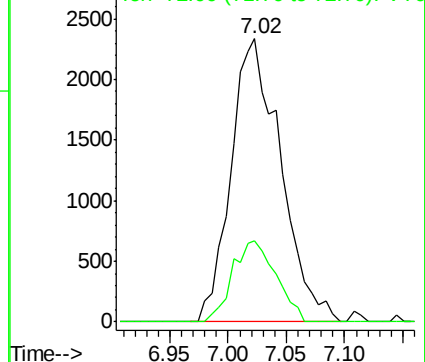
43 100

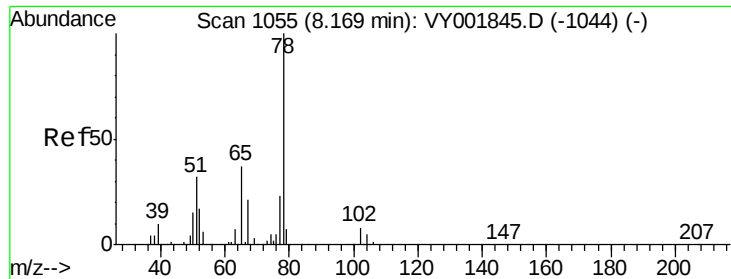
72 28.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

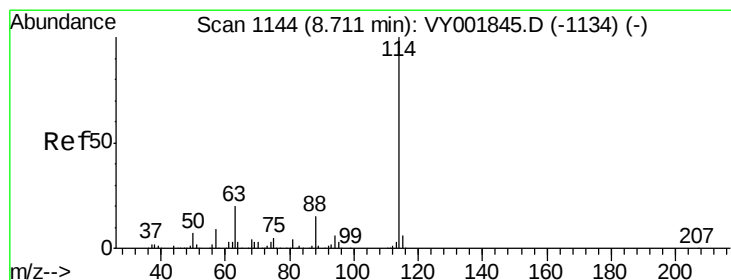
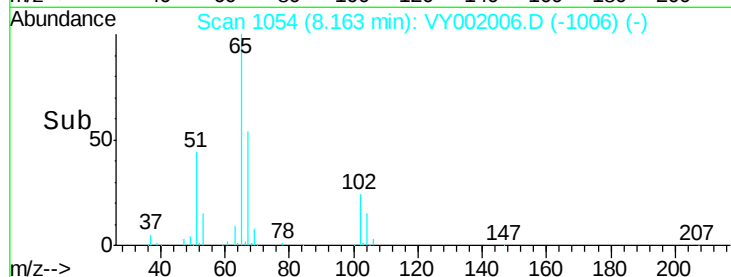
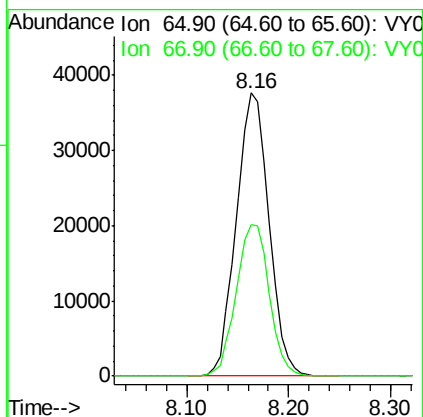
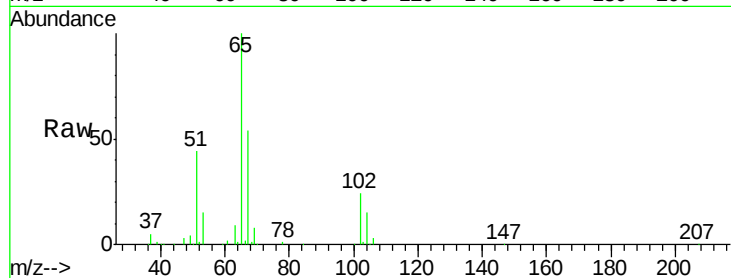




#33
 1,2-Dichloroethane-d4
 Concen: 56.875 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002006.D
 Acq: 18 Mar 2020 12:09

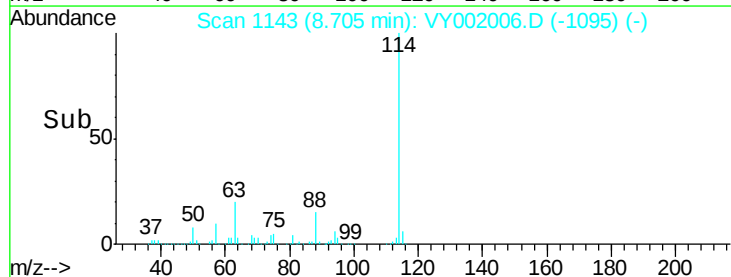
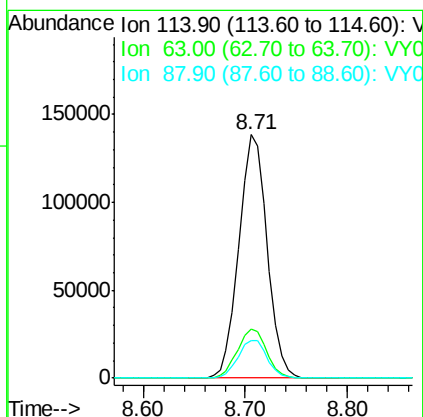
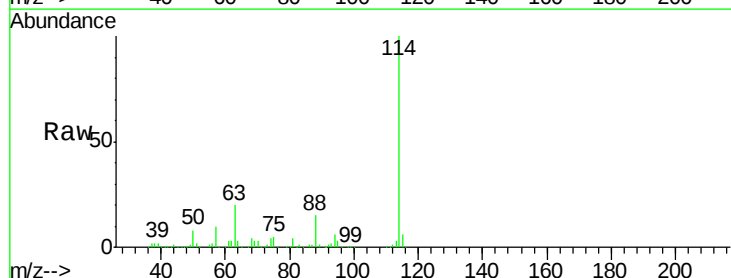
Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-03-1.5-2.5

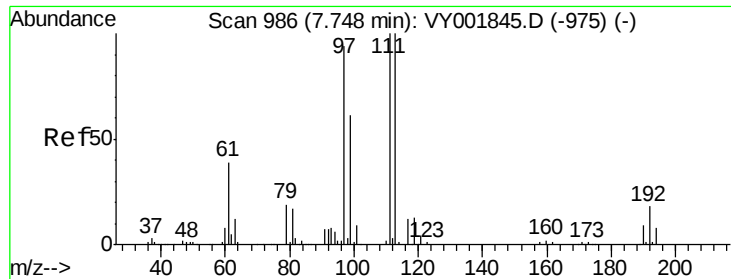
Tot Ion: 65 Resp: 83665
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002006.D
 Acq: 18 Mar 2020 12:09

Tgt Ion: 114 Resp: 265841
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 15.4 0.0 30.4

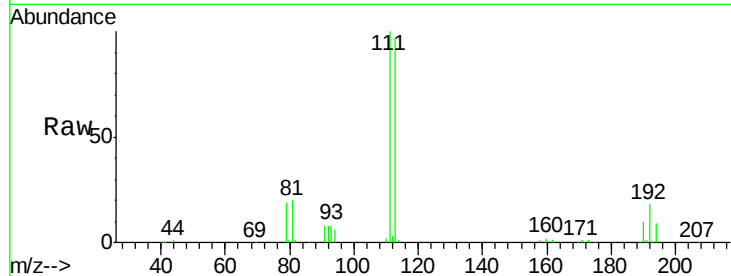




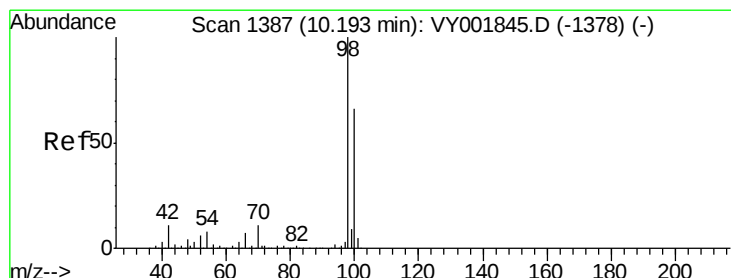
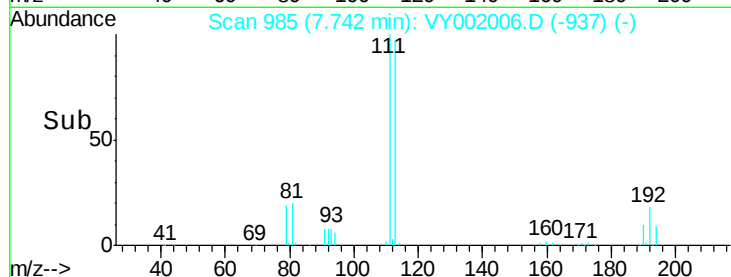
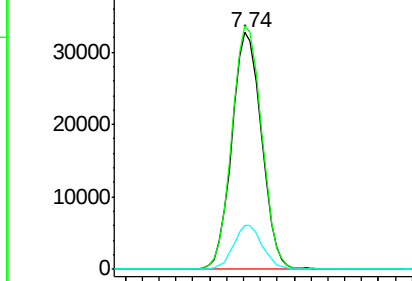
#35
 Dibromofluoromethane
 Concen: 53.795 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002006.D
 Acq: 18 Mar 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-03-1.5-2.5

Tot Ion:113 Resp: 78089
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 18.0 14.2 21.2

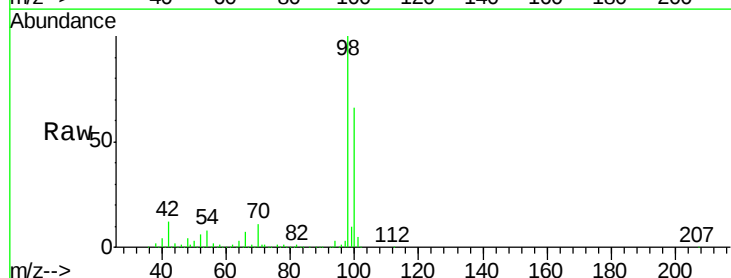


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

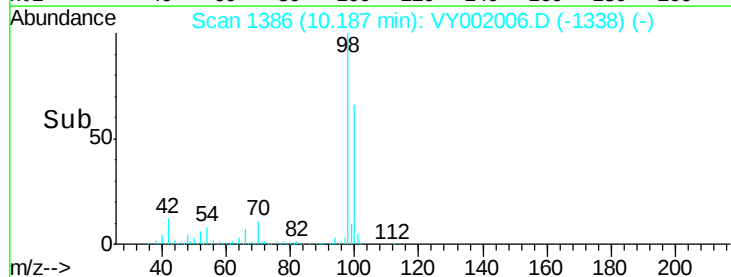
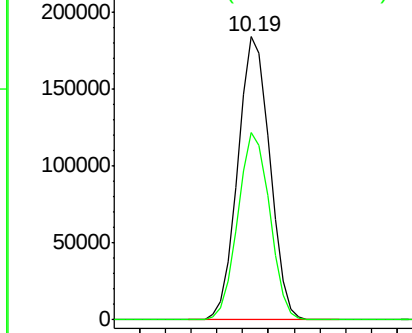


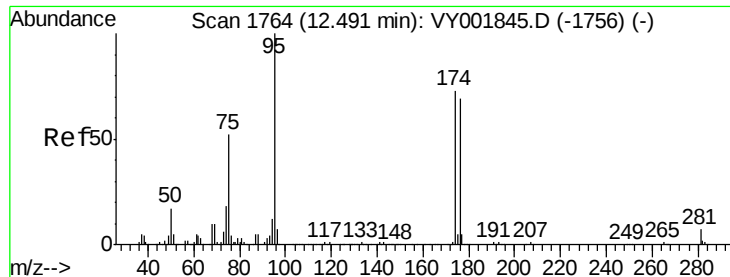
#50
 Toluene-d8
 Concen: 51.767 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY002006.D
 Acq: 18 Mar 2020 12:09

Tgt Ion: 98 Resp: 316877
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 42.158 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002006.D

Acq: 18 Mar 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-03-1.5-2.5

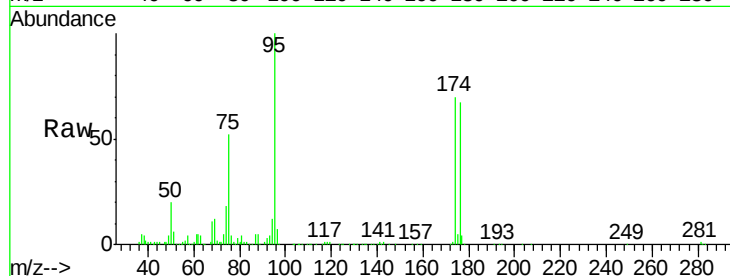
Tot Ion: 95 Resp: 89729

Ion Ratio Lower Upper

95 100

174 71.9 0.0 145.0

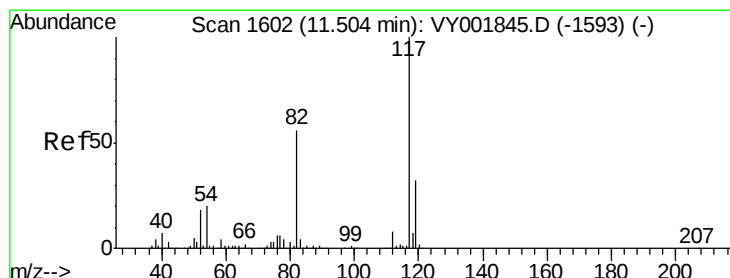
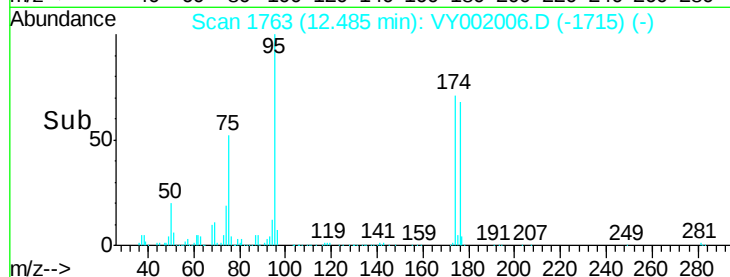
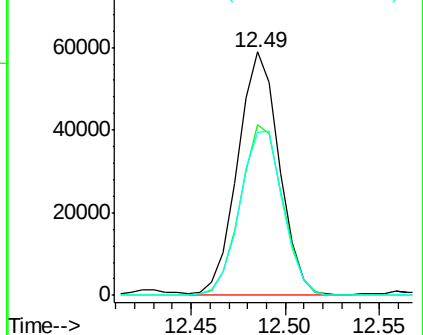
176 70.3 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY002006.D

Acq: 18 Mar 2020 12:09

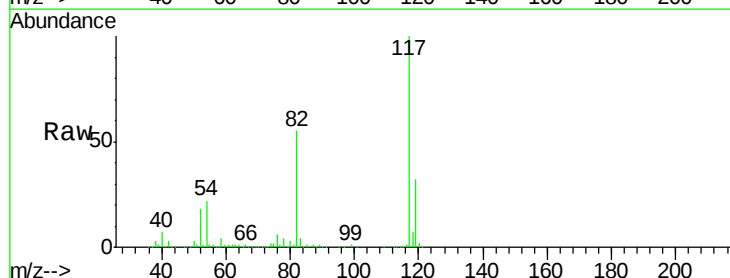
Tgt Ion: 117 Resp: 221243

Ion Ratio Lower Upper

117 100

82 55.3 44.5 66.7

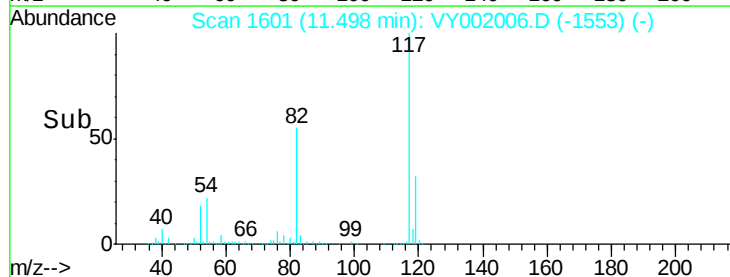
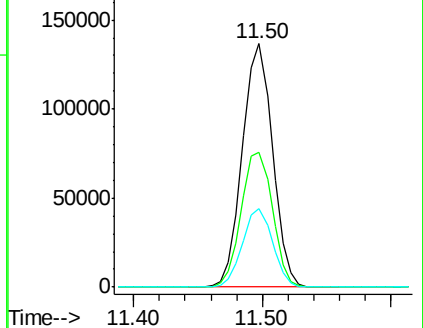
119 32.0 25.7 38.5

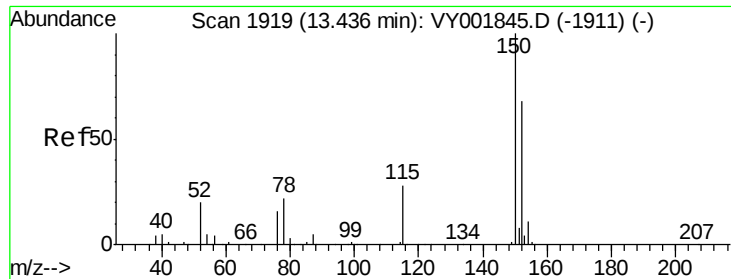


Abundance Ion 116.90 (116.60 to 117.60): VY001845.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY001845.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY001845.D (-1593) (-)



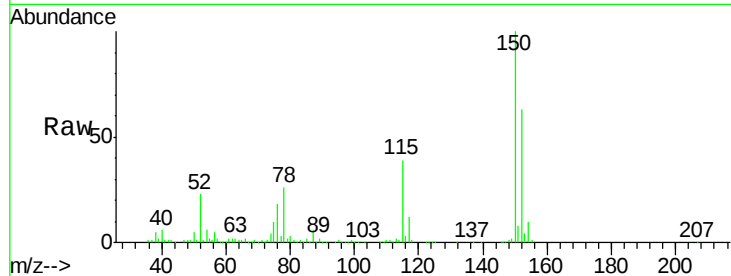


#72

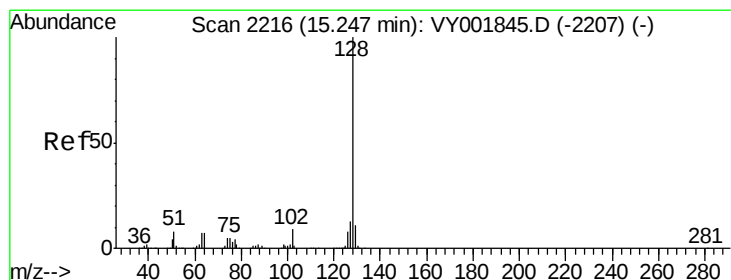
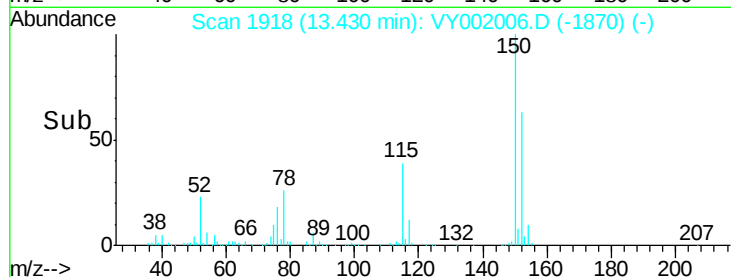
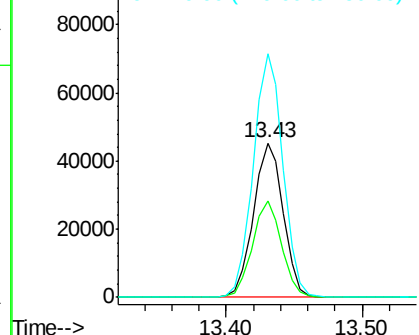
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002006.D
Acq: 18 Mar 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-1.5-2.5

Tot Ion:152 Resp: 69478
Ion Ratio Lower Upper
152 100
115 61.1 29.9 89.7
150 157.0 0.0 340.6



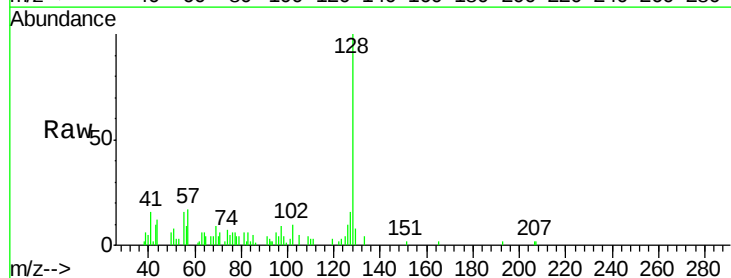
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.171 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002006.D
Acq: 18 Mar 2020 12:09

Tgt Ion:128 Resp: 6680
Ion Ratio Lower Upper
128 100
127 15.0 10.1 15.1
129 11.6 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

