

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002818.D
 Acq On : 02 Jun 2020 16:11
 Operator : SY/MD
 Sample : L2504-04
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EFF-SLUDGE

Quant Time: Jun 03 06:42:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

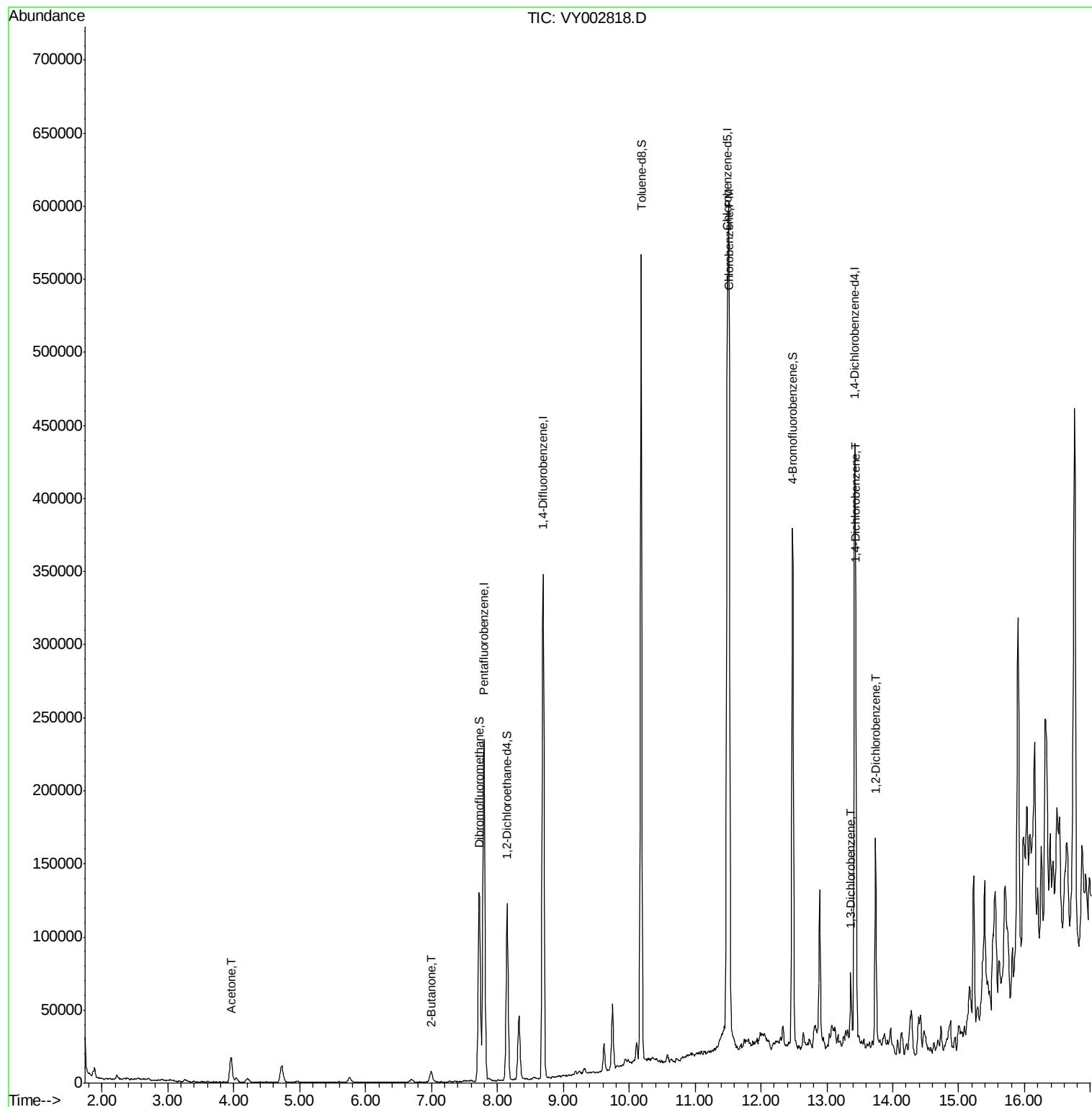
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	195669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	313699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	273277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	92635	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
35) Dibromofluoromethane	7.73	113	94749	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	10.18	98	367054	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.48	95	108094	42.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.10%	
Target Compounds						
16) Acetone	3.96	43	29806	74.818	ug/l	99
25) 2-Butanone	6.99	43	9347	15.059	ug/l	99
65) Chlorobenzene	11.52	112	303806	56.247	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	18897	5.504	ug/l	91
88) 1,4-Dichlorobenzene	13.44	146	65203	18.984	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	50884	16.341	ug/l	96

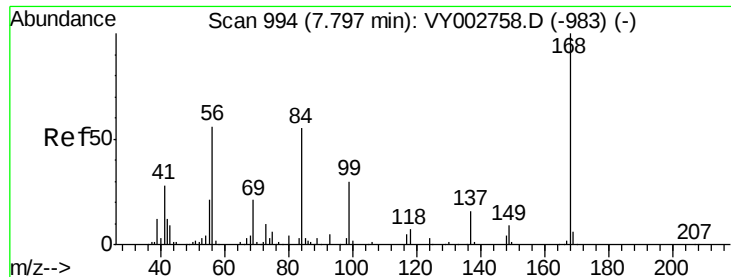
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
Data File : VY002818.D
Acq On : 02 Jun 2020 16:11
Operator : SY/MD
Sample : L2504-04
Misc : 5.06G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Quant Time: Jun 03 06:42:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002818.D

Acq: 02 Jun 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

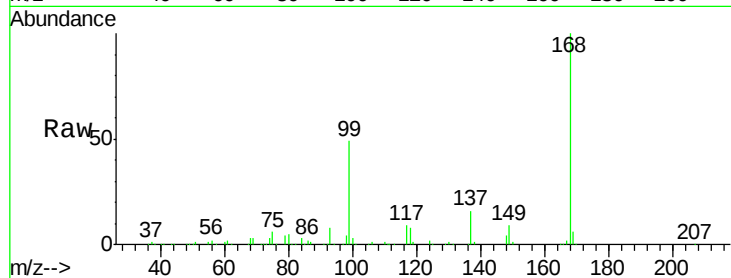
EFF-SLUDGE

Tot Ion:168 Resp: 195669

Ion Ratio Lower Upper

168 100

99 49.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

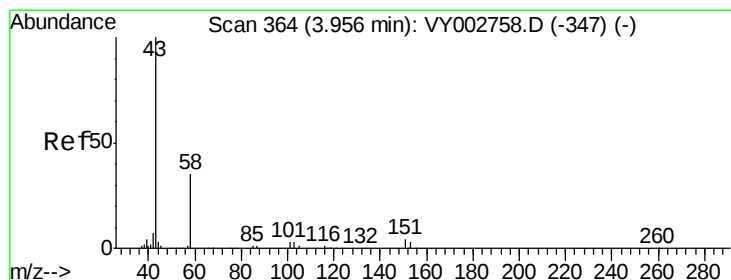
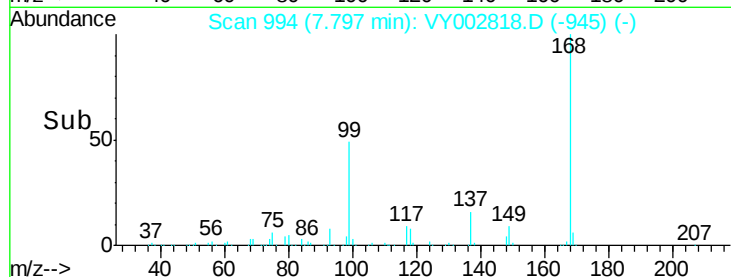
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 74.818 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002818.D

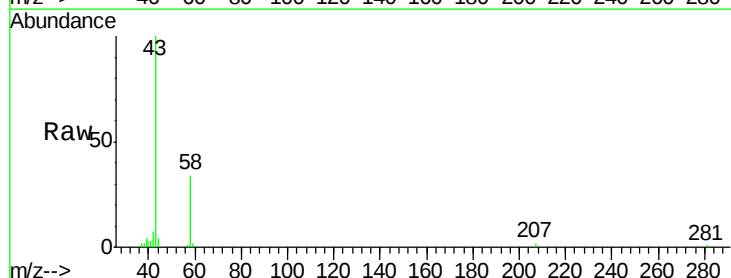
Acq: 02 Jun 2020 16:11

Tgt Ion: 43 Resp: 29806

Ion Ratio Lower Upper

43 100

58 33.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

12000

10000

8000

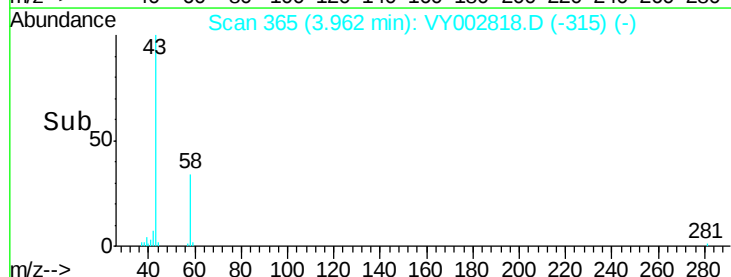
6000

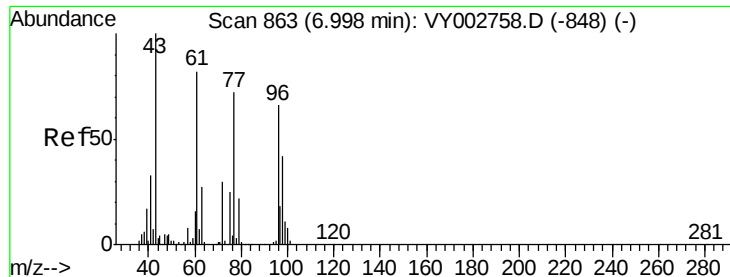
4000

2000

0

Time-->





#25

2-Butanone

Concen: 15.059 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002818.D

Acq: 02 Jun 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

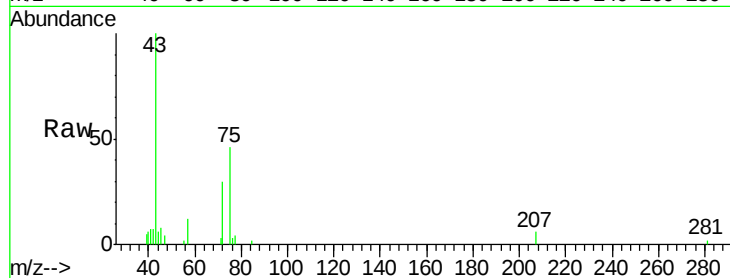
EFF-SLUDGE

Tot Ion: 43 Resp: 9347

Ion Ratio Lower Upper

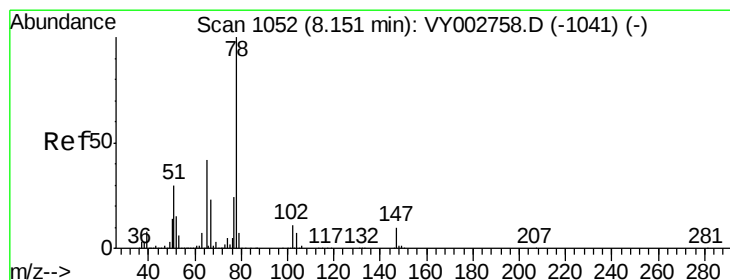
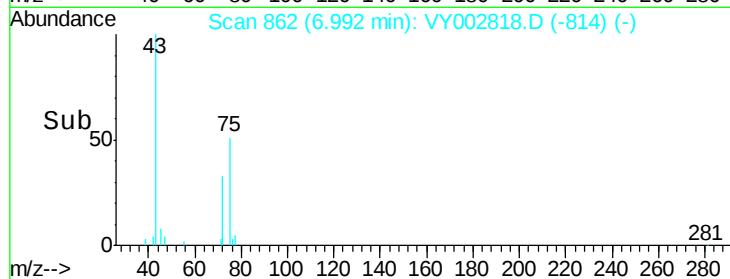
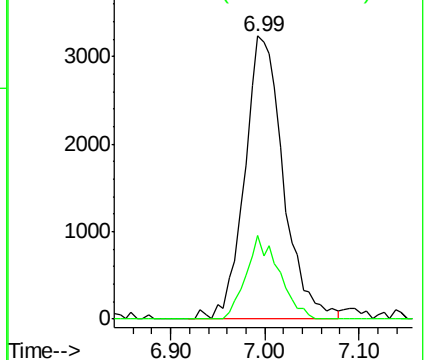
43 100

72 29.5 23.9 35.9



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: 54.525 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002818.D

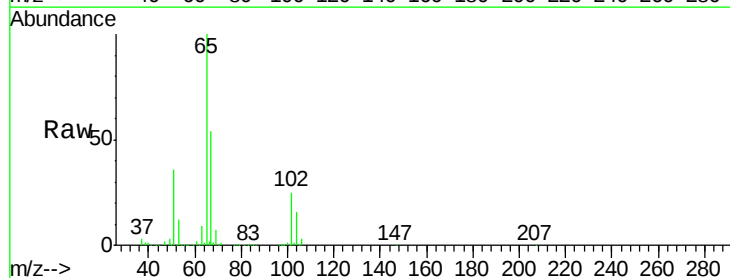
Acq: 02 Jun 2020 16:11

Tgt Ion: 65 Resp: 92635

Ion Ratio Lower Upper

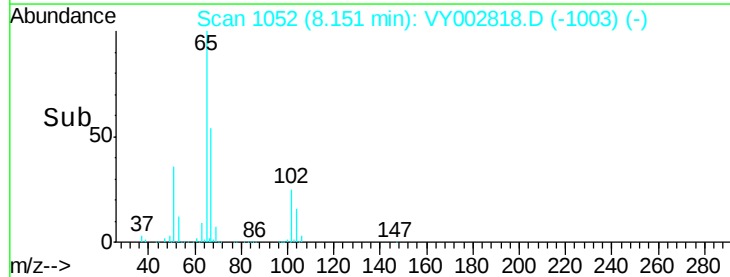
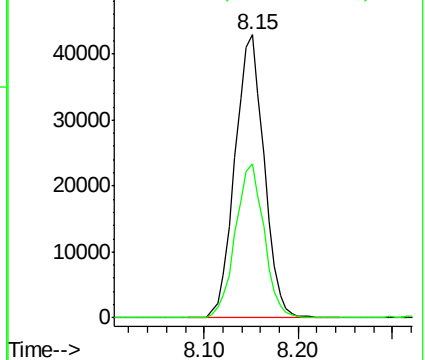
65 100

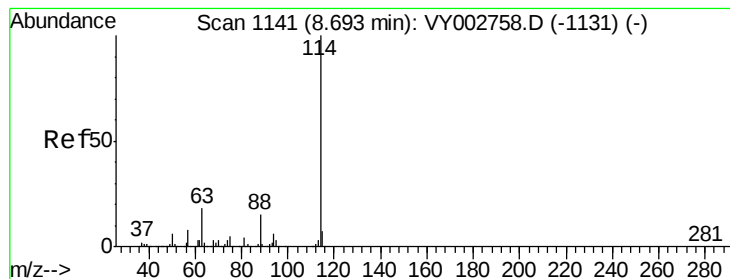
67 53.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002818.D

Acq: 02 Jun 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

EFF-SLUDGE

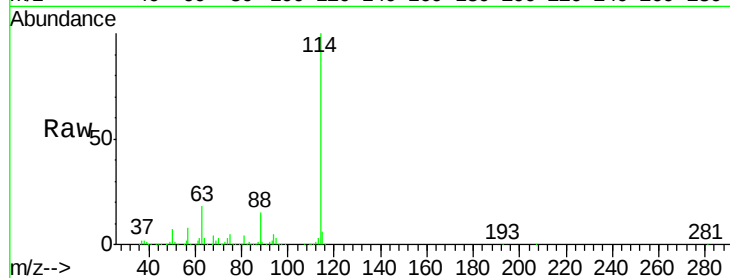
Tot Ion:114 Resp: 313699

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

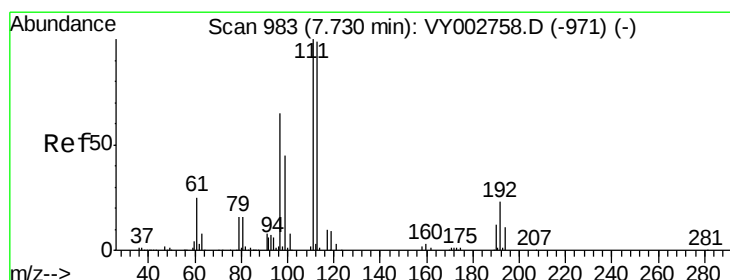
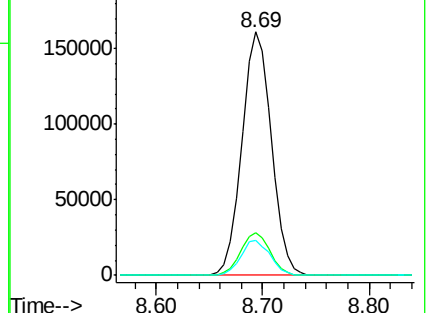
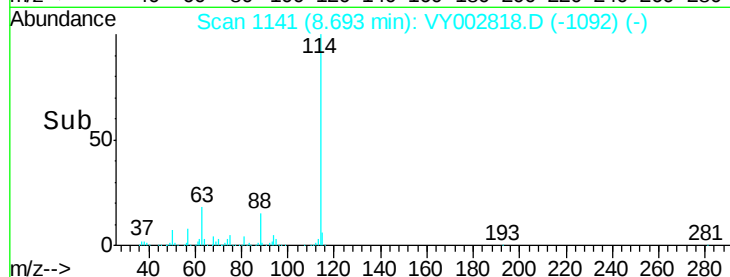
88 14.6 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.538 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002818.D

Acq: 02 Jun 2020 16:11

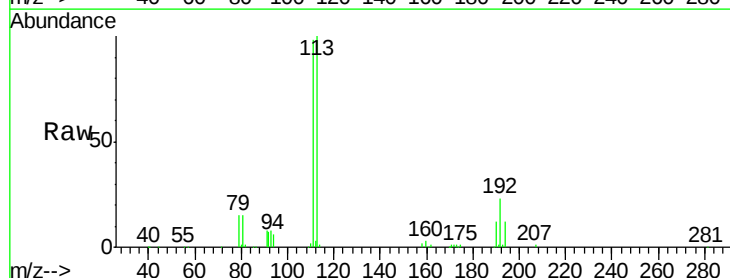
Tgt Ion:113 Resp: 94749

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

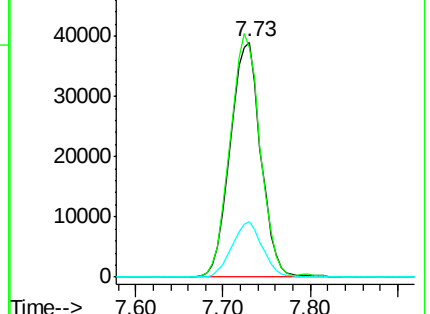
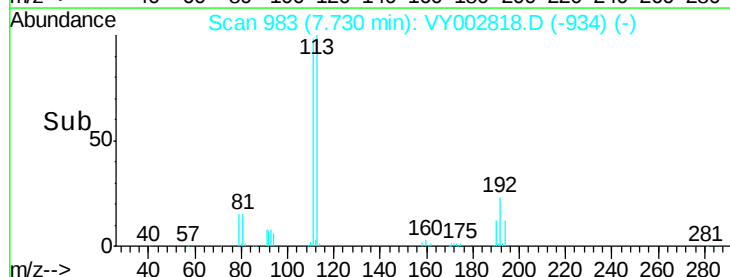
192 23.4 18.9 28.3

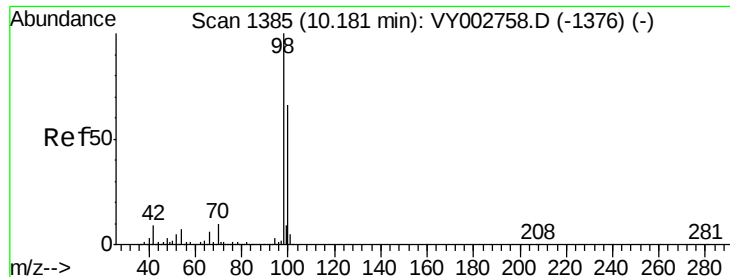


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.380 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002818.D

Acq: 02 Jun 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

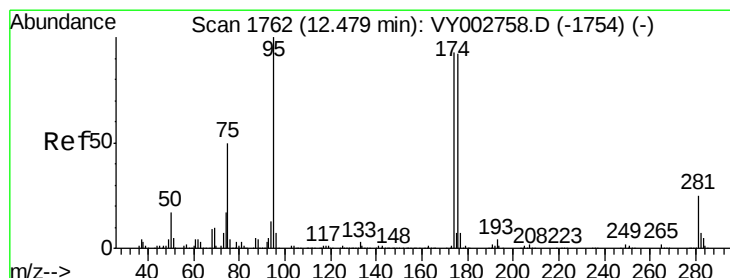
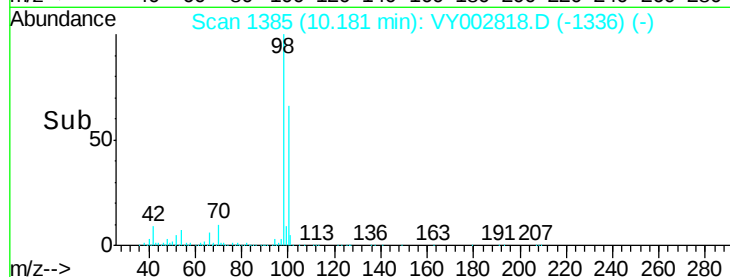
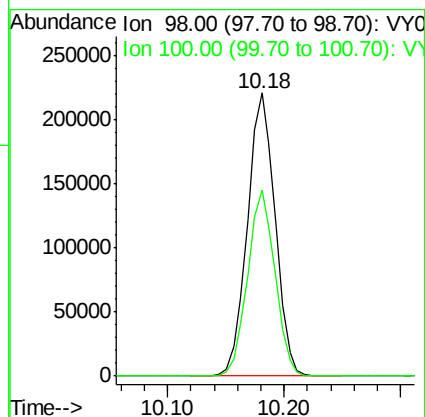
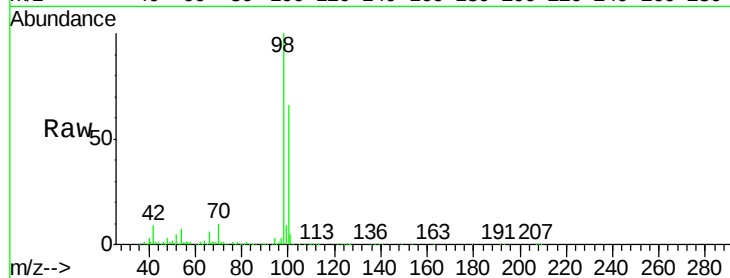
EFF-SLUDGE

Tot Ion: 98 Resp: 367054

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 42.551 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002818.D

Acq: 02 Jun 2020 16:11

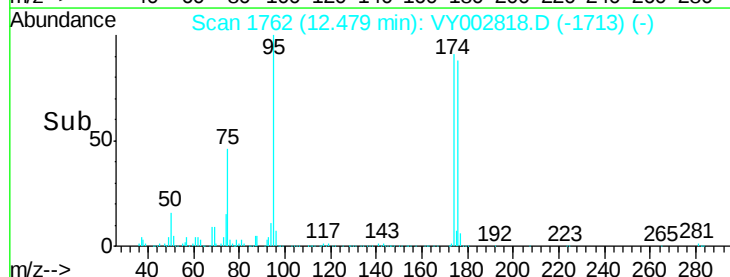
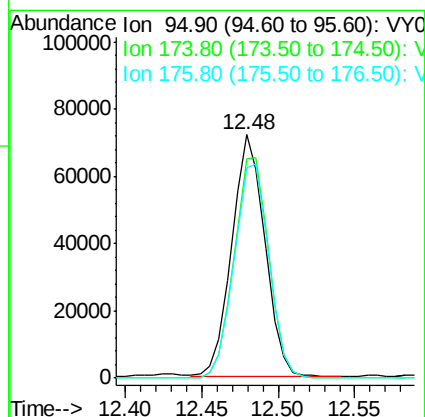
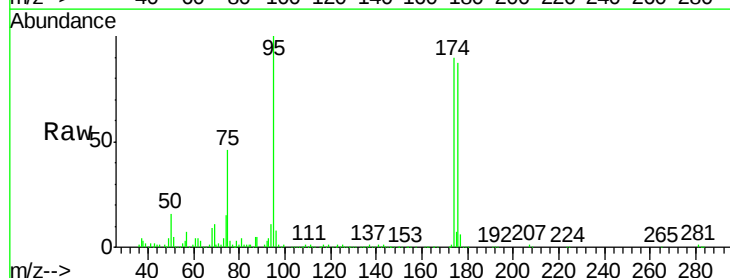
Tgt Ion: 95 Resp: 108094

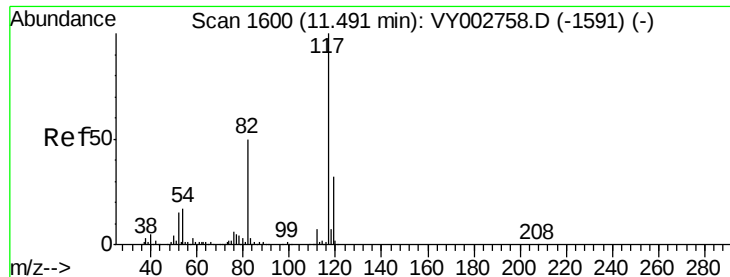
Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.2

176 92.8 0.0 188.8

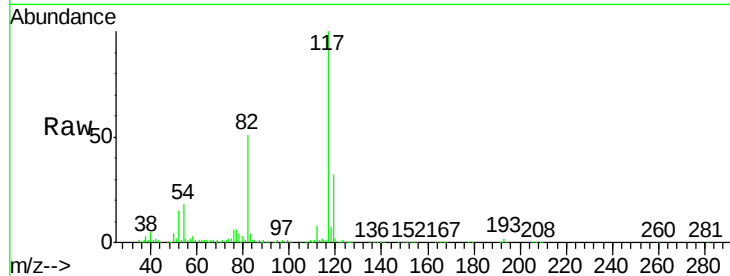




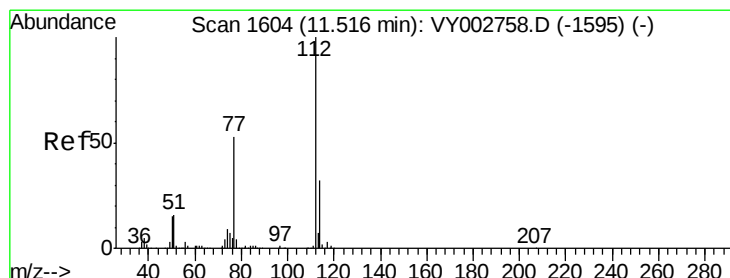
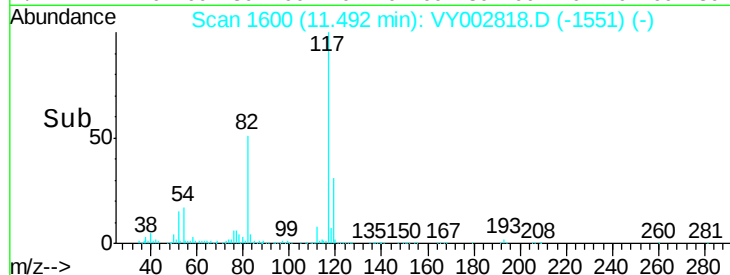
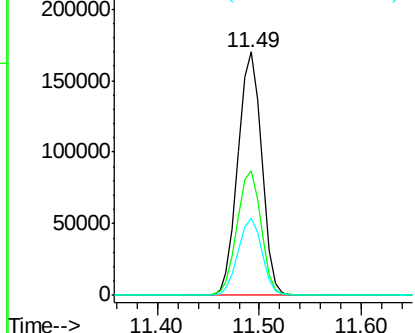
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002818.D
Acq: 02 Jun 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.2	60.4
119	31.5	25.8	38.8

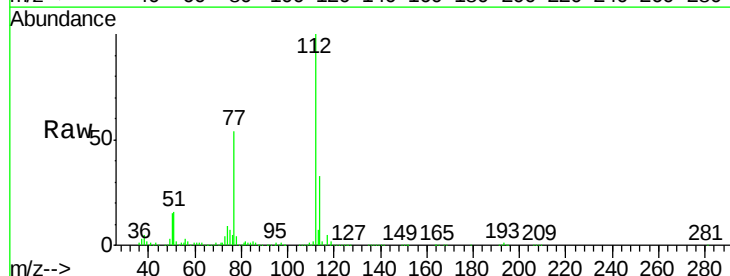


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

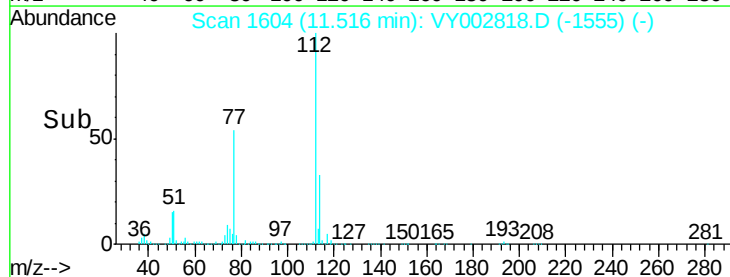
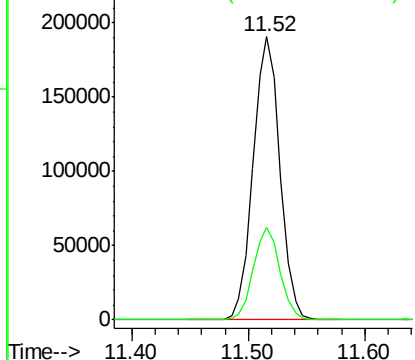


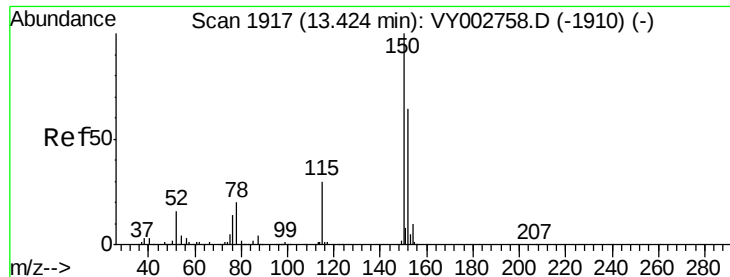
#65
Chlorobenzene
Concen: 56.247 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002818.D
Acq: 02 Jun 2020 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5



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: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002818.D

Acq: 02 Jun 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

EFF-SLUDGE

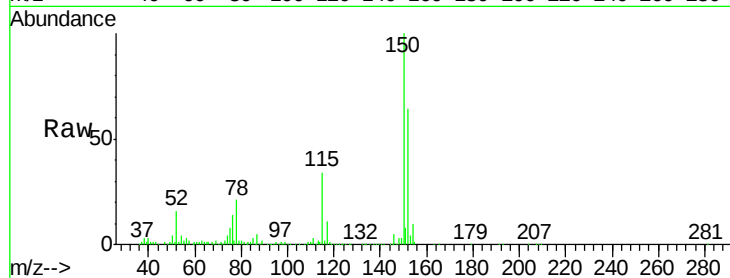
Tot Ion:152 Resp: 108627

Ion Ratio Lower Upper

152 100

115 53.7 27.0 81.0

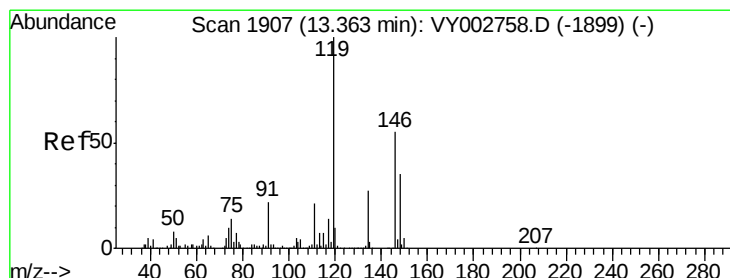
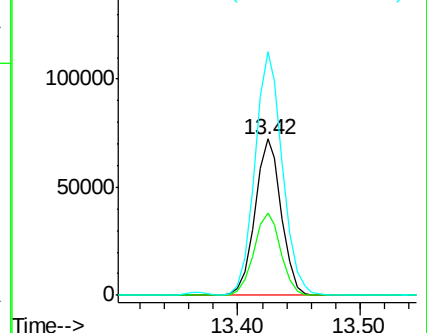
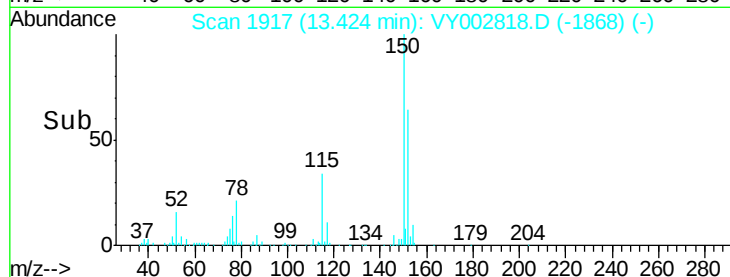
150 161.9 0.0 344.8



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



#87

1,3-Dichlorobenzene

Concen: 5.504 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002818.D

Acq: 02 Jun 2020 16:11

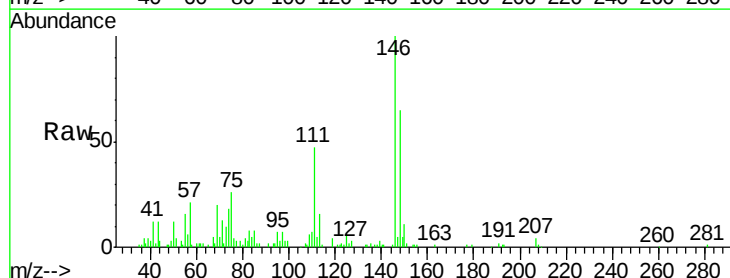
Tgt Ion:146 Resp: 18897

Ion Ratio Lower Upper

146 100

111 48.6 18.4 55.0

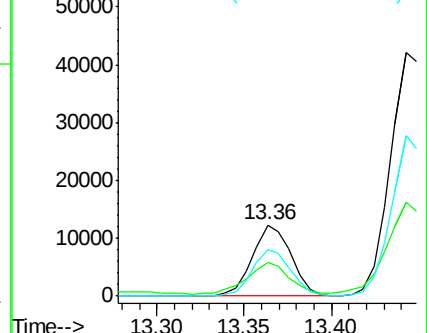
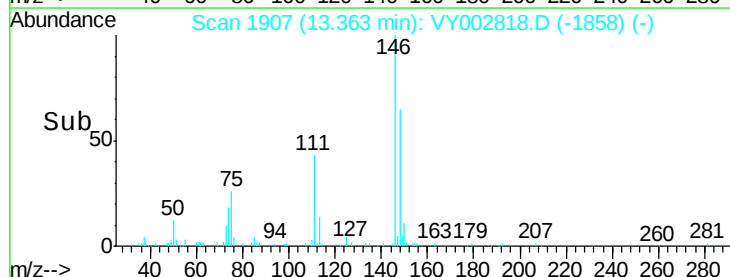
148 65.4 31.9 95.7

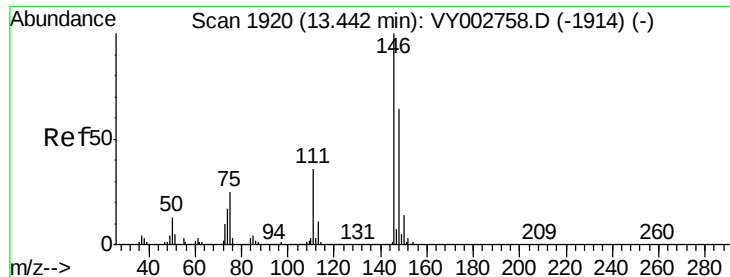


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 18.984 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY002818.D

Acq: 02 Jun 2020 16:11

Instrument :

MSVOA_Y

ClientSampled :

EFF-SLUDGE

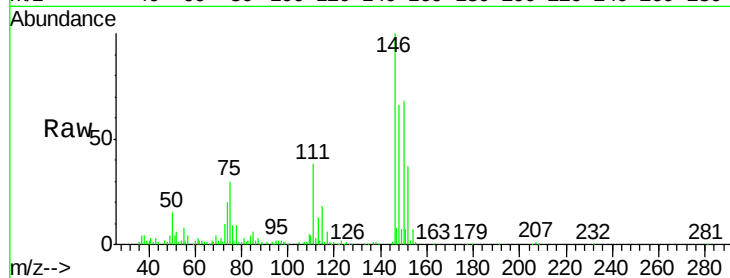
Tot Ion:146 Resp: 65203

Ion Ratio Lower Upper

146 100

111 39.8 18.1 54.3

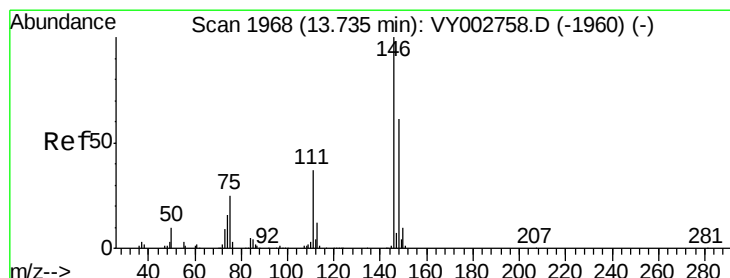
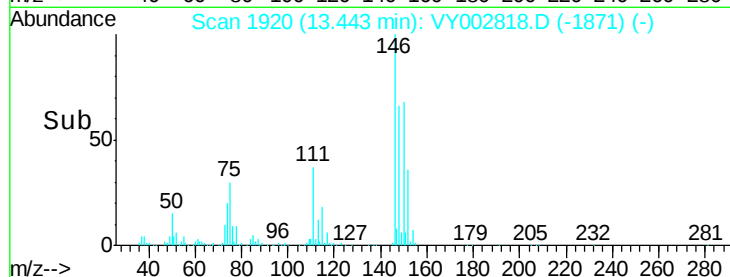
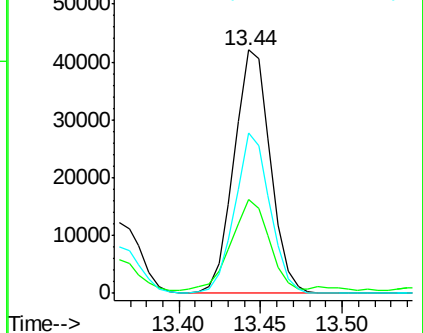
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 16.341 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002818.D

Acq: 02 Jun 2020 16:11

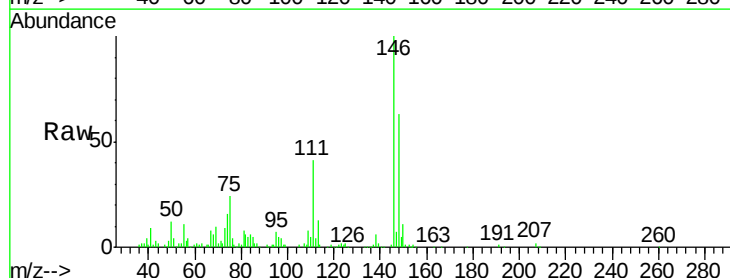
Tgt Ion:146 Resp: 50884

Ion Ratio Lower Upper

146 100

111 42.9 18.9 56.9

148 65.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

