

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
 Data File : VY002832.D
 Acq On : 03 Jun 2020 14:56
 Operator : SY/MD
 Sample : L2504-04
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EFF-SLUDGE

Quant Time: Jun 03 17:28:48 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

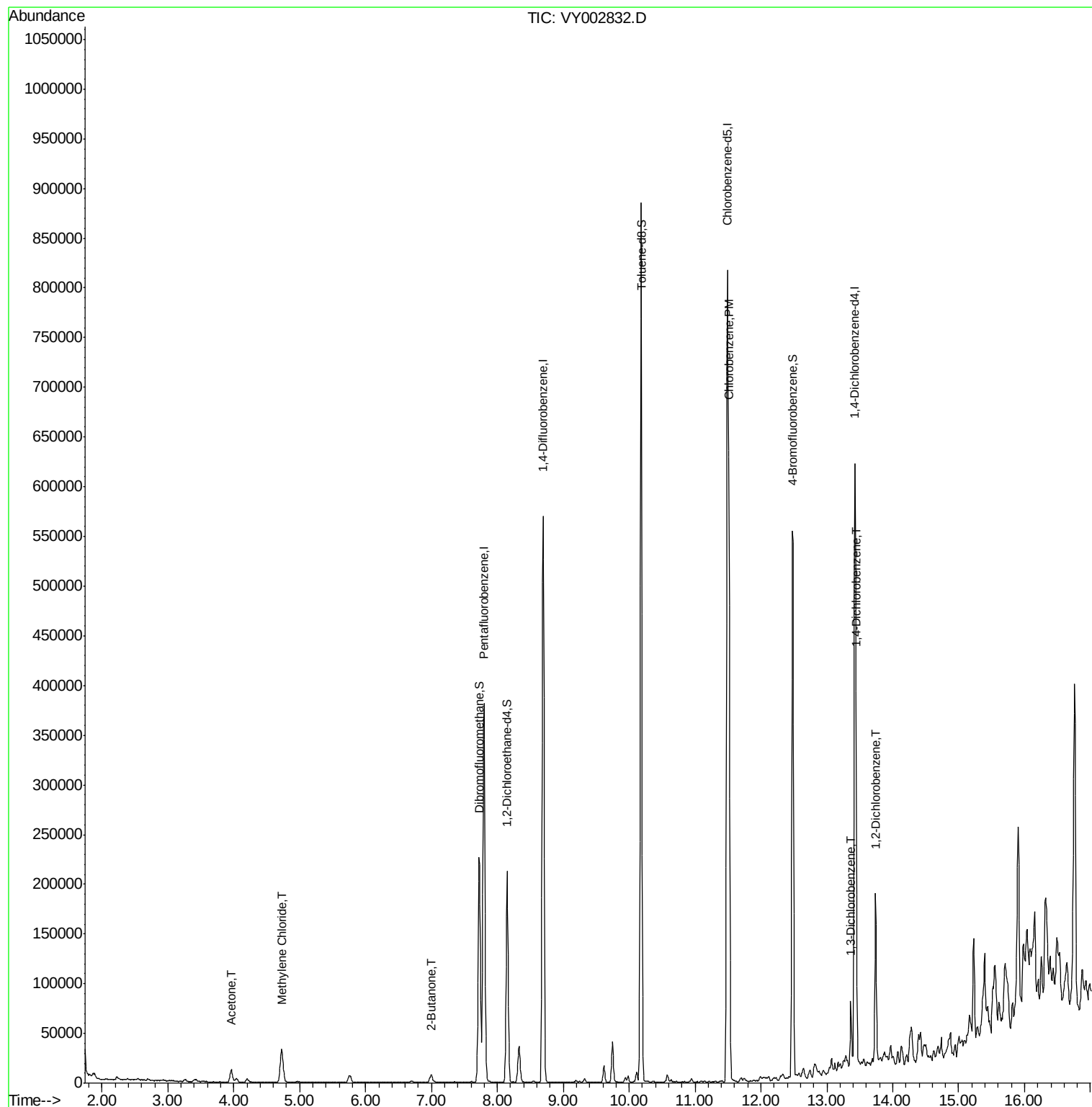
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	323130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	517135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	436130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	163058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	161590	57.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.18%	
35) Dibromofluoromethane	7.72	113	165987	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
50) Toluene-d8	10.18	98	588606	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.48	95	172526	41.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.40%	
Target Compounds						
16) Acetone	3.96	43	20796	31.610	ug/l	100
20) Methylene Chloride	4.72	84	26770	8.326	ug/l	97
25) 2-Butanone	7.00	43	5974	5.828	ug/l	98
65) Chlorobenzene	11.52	112	325033	37.706	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	28941	5.615	ug/l	94
88) 1,4-Dichlorobenzene	13.45	146	100836	19.558	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	64892	13.883	ug/l	98

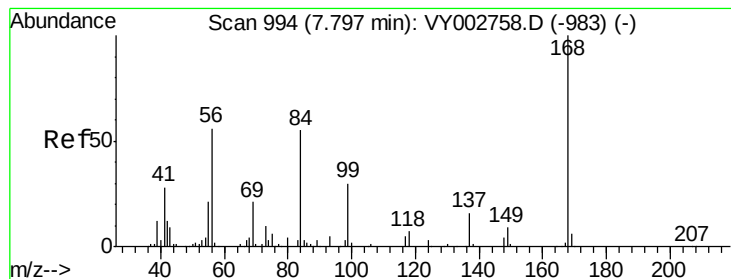
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002832.D

Acq: 03 Jun 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

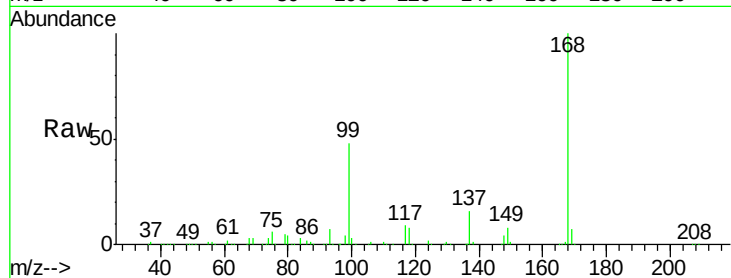
EFF-SLUDGE

Tot Ion:168 Resp: 323130

Ion Ratio Lower Upper

168 100

99 47.7 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

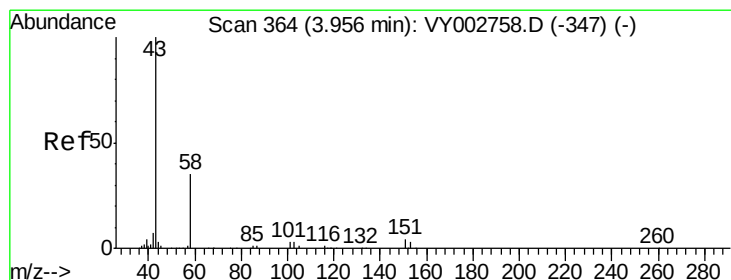
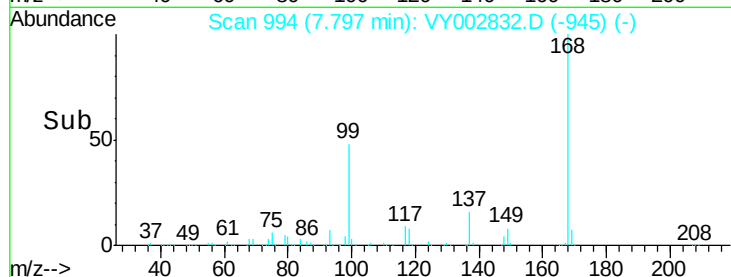
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 31.610 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002832.D

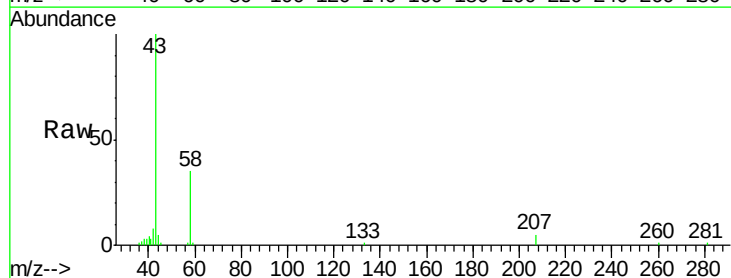
Acq: 03 Jun 2020 14:56

Tgt Ion: 43 Resp: 20796

Ion Ratio Lower Upper

43 100

58 34.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)

3.96

8000

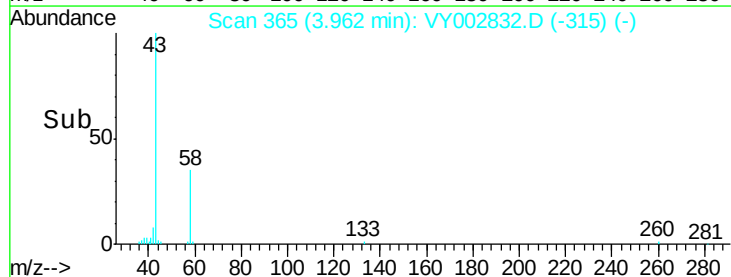
6000

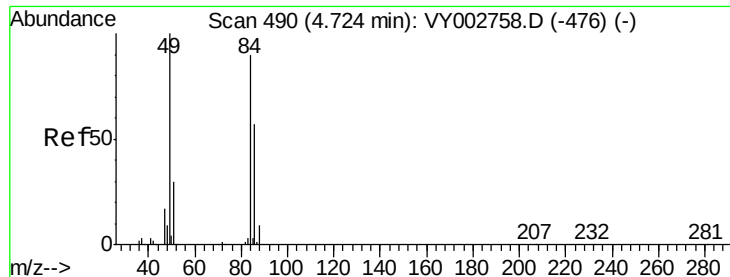
4000

2000

0

Time-->

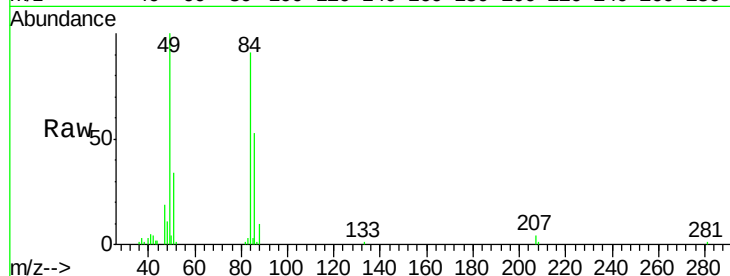




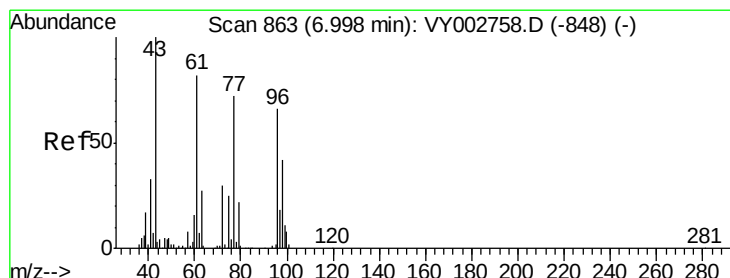
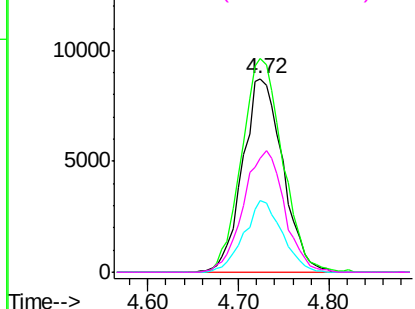
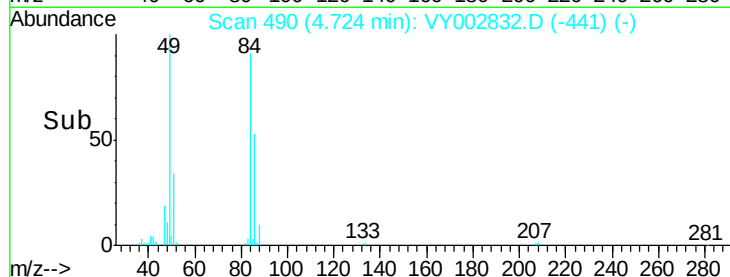
#20
Methylene Chloride
Concen: 8.326 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tot Ion: 84 Resp: 26770
Ion Ratio Lower Upper
84 100
49 110.3 88.5 132.7
51 37.2 26.8 40.2
86 58.9 50.6 75.8

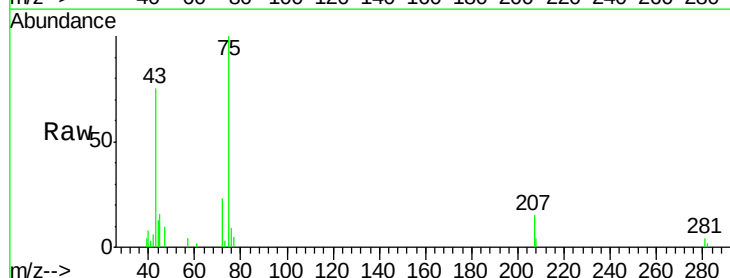


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

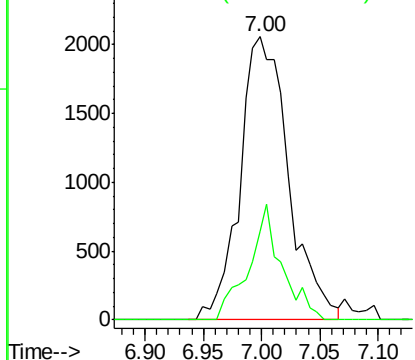
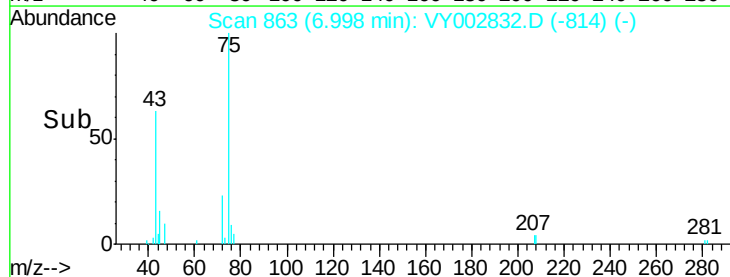


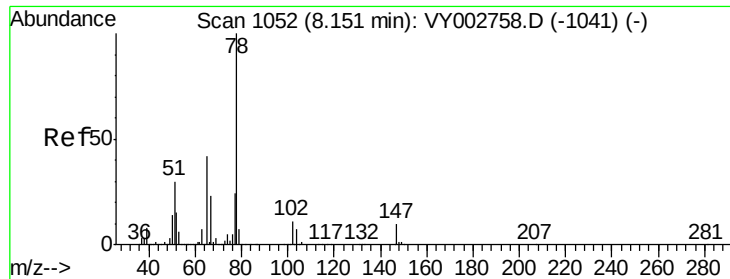
#25
2-Butanone
Concen: 5.828 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion: 43 Resp: 5974
Ion Ratio Lower Upper
43 100
72 31.2 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

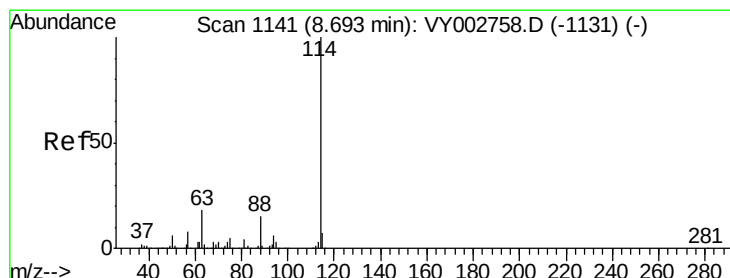
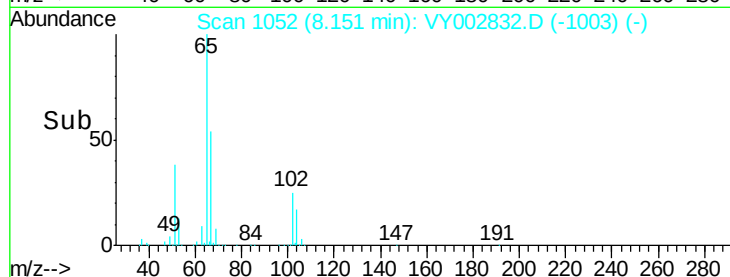
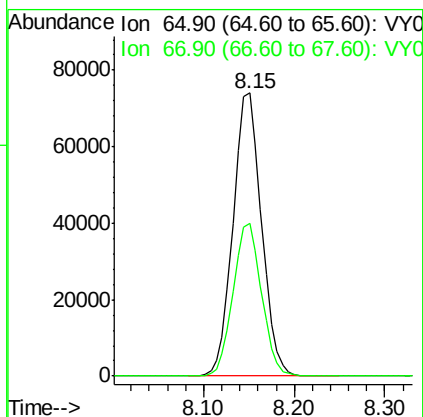
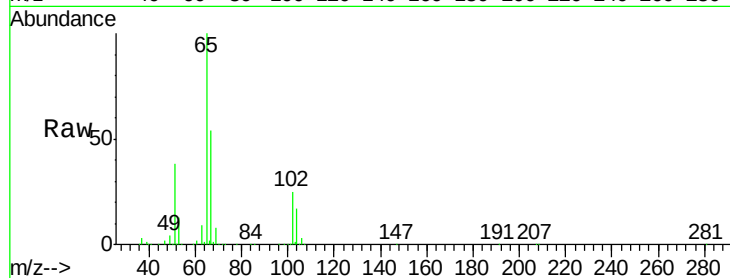




#33
 1,2-Dichloroethane-d4
 Concen: 57.594 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002832.D
 Acq: 03 Jun 2020 14:56

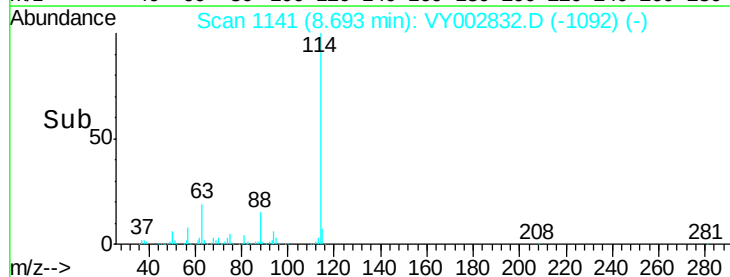
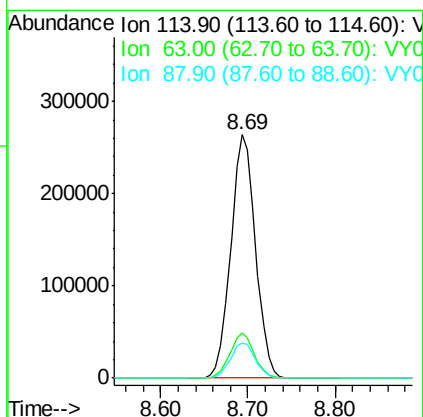
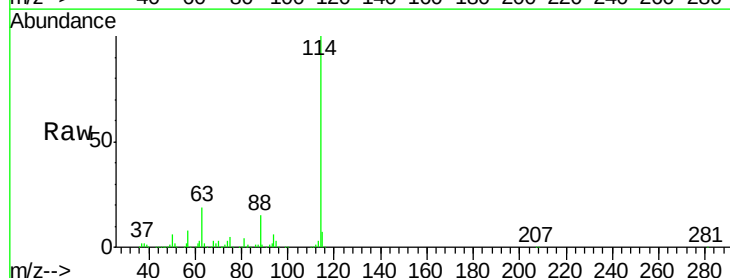
Instrument :
 MSVOA_Y
 ClientSampleId :
 EFF-SLUDGE

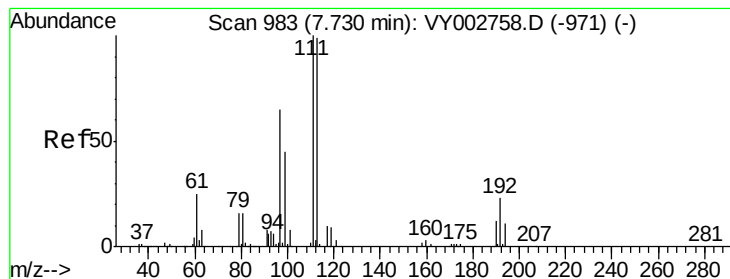
Tot Ion: 65 Resp: 161590
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002832.D
 Acq: 03 Jun 2020 14:56

Tgt Ion: 114 Resp: 517135
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.2
 88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 54.769 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002832.D

Acq: 03 Jun 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

EFF-SLUDGE

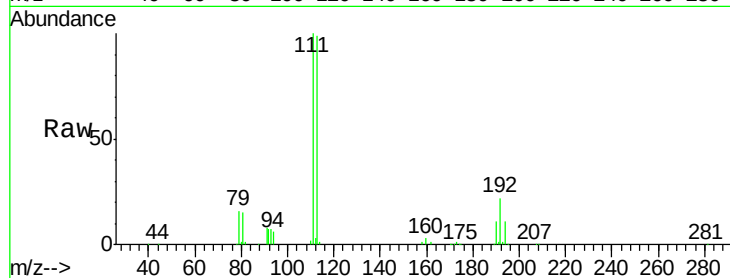
Tot Ion:113 Resp: 165987

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

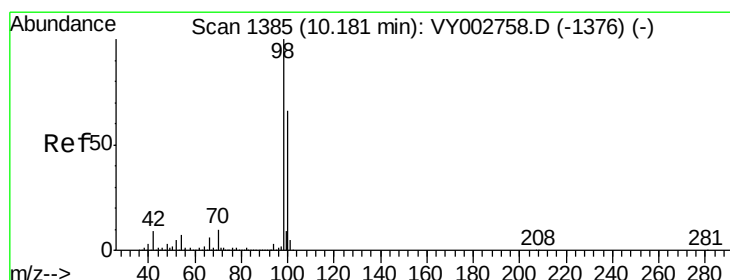
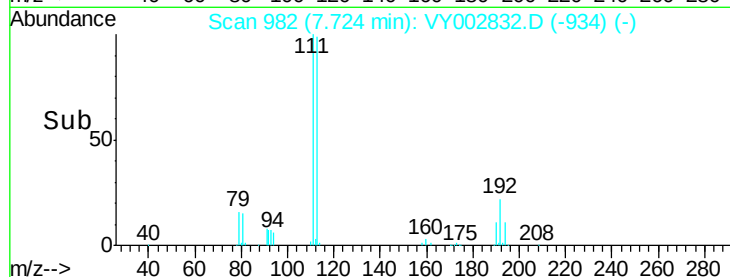
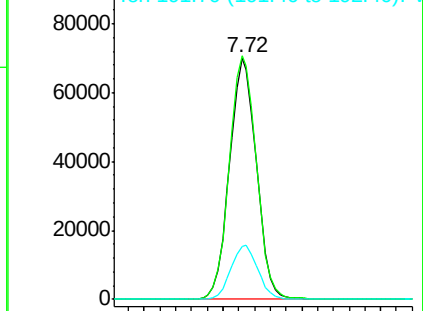
192 22.3 18.9 28.3



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: 48.035 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002832.D

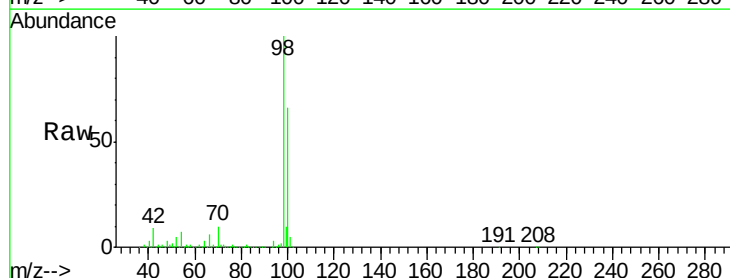
Acq: 03 Jun 2020 14:56

Tgt Ion: 98 Resp: 588606

Ion Ratio Lower Upper

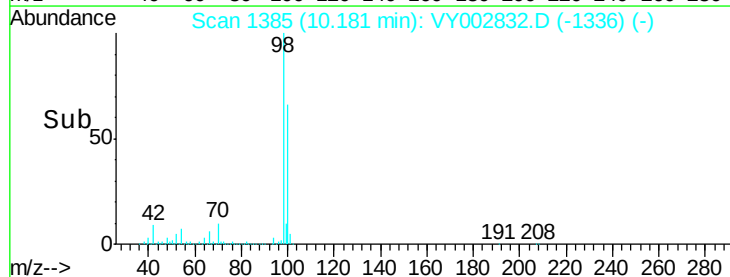
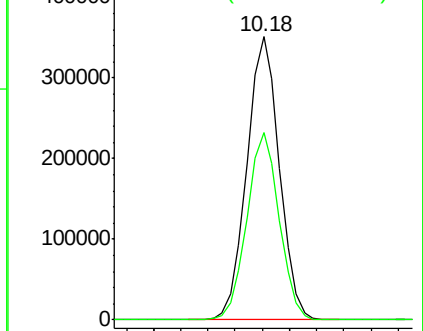
98 100

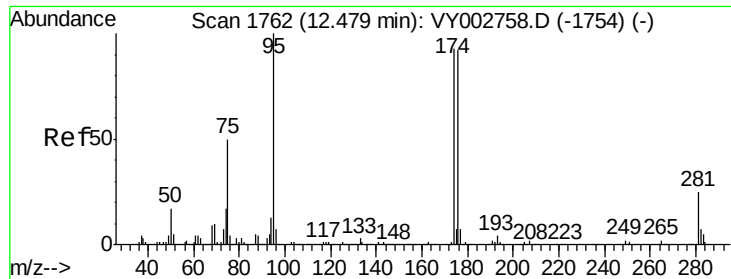
100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

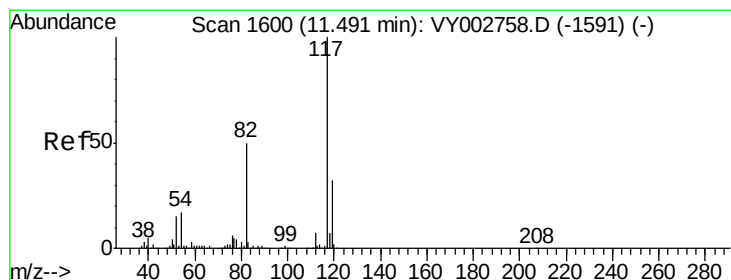
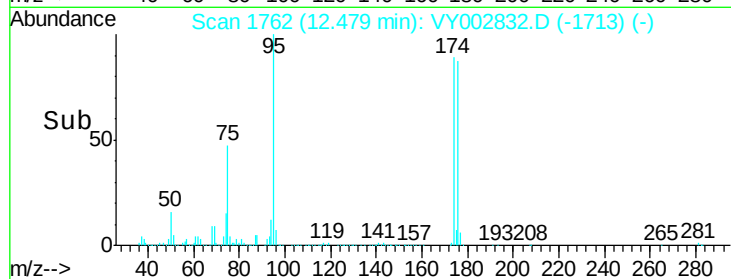
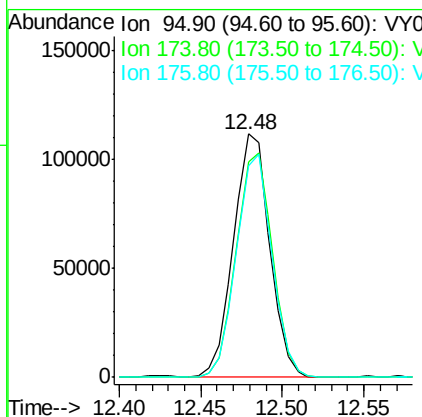
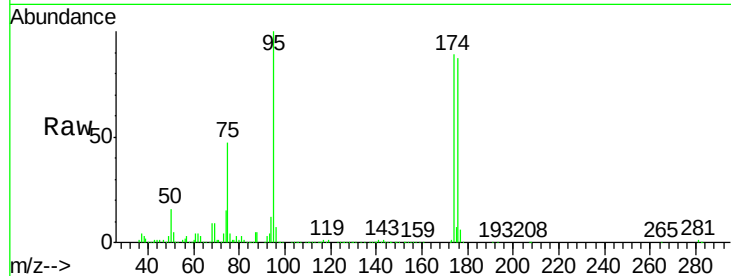




#62
4-Bromofluorobenzene
Concen: 41.198 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

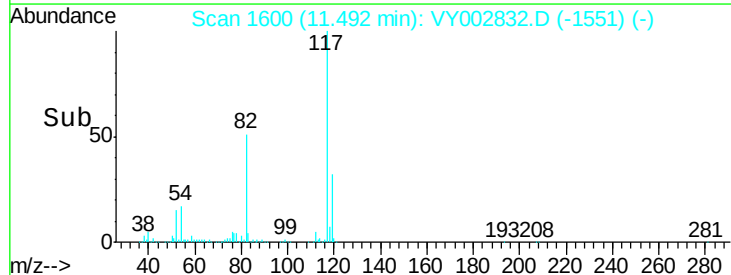
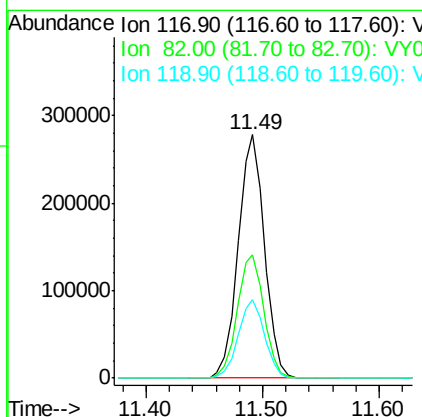
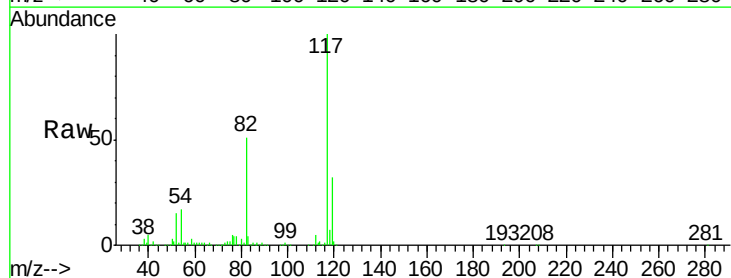
Instrument :
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ClientSampleId :
EFF-SLUDGE

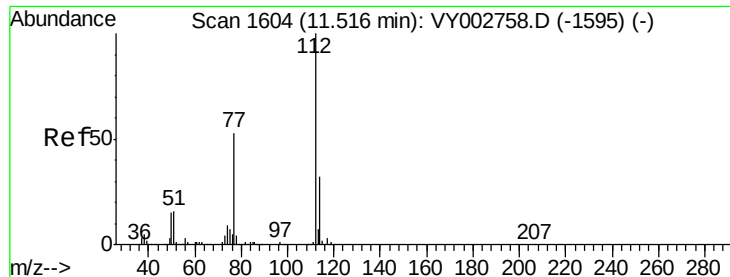
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	191.2
176	90.5	0.0	188.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.2	60.4
119	32.2	25.8	38.8

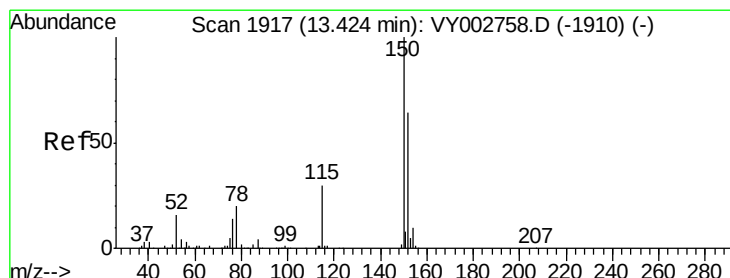
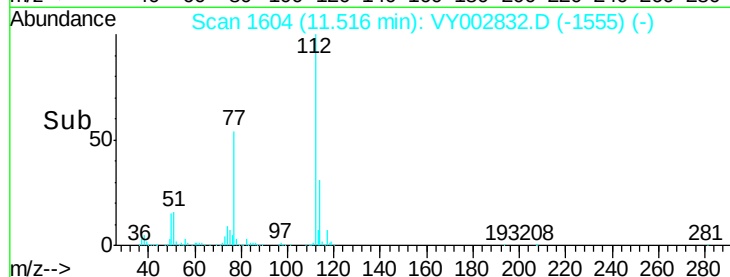
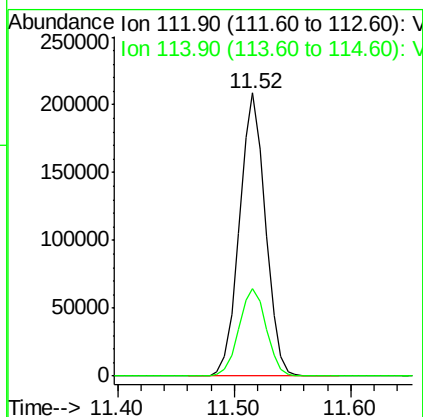
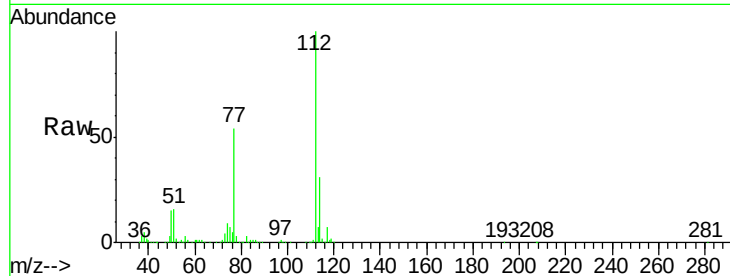




#65
Chlorobenzene
Concen: 37.706 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

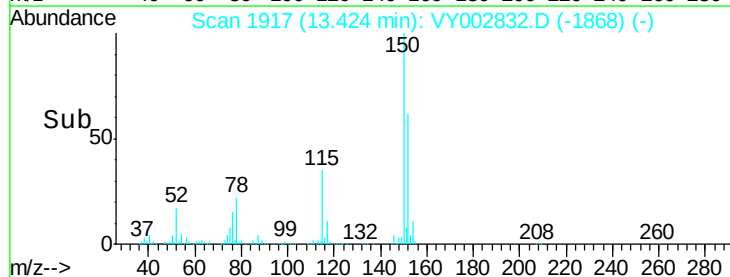
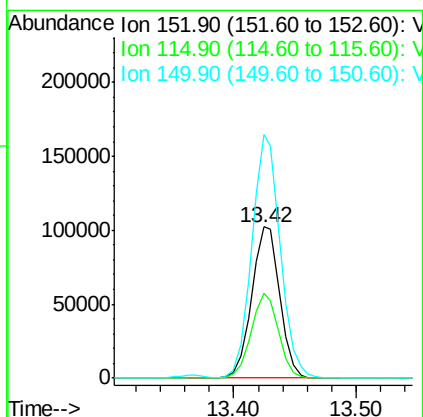
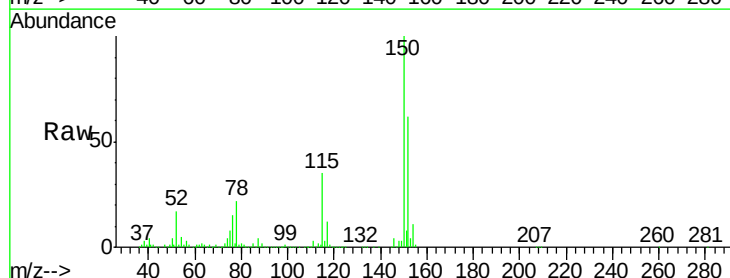
Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

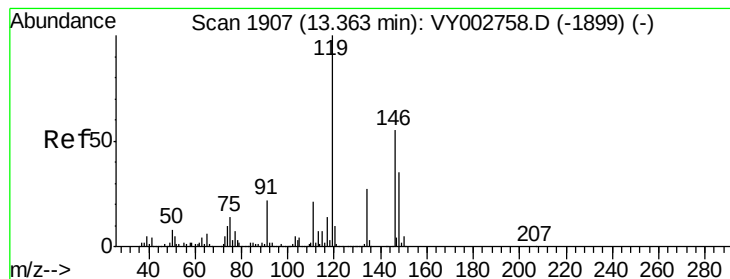
Tot Ion:112 Resp: 325033
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion:152 Resp: 163058
Ion Ratio Lower Upper
152 100
115 54.7 27.0 81.0
150 163.2 0.0 344.8





#87

1,3-Dichlorobenzene

Concen: 5.615 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY002832.D

Acq: 03 Jun 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

EFF-SLUDGE

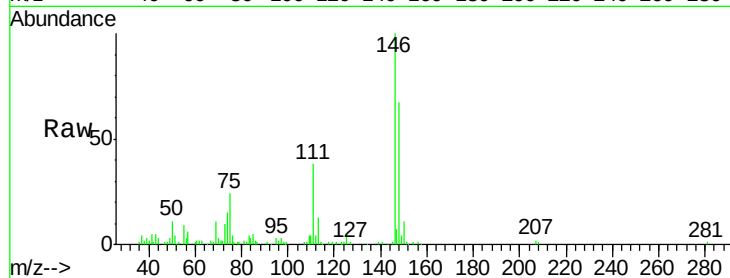
Tot Ion:146 Resp: 28941

Ion Ratio Lower Upper

146 100

111 42.9 18.4 55.0

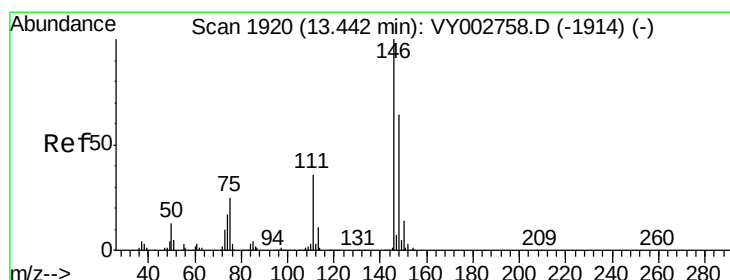
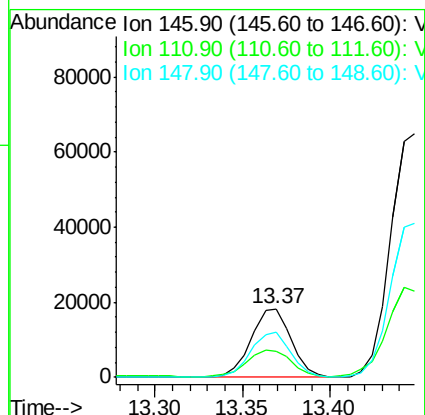
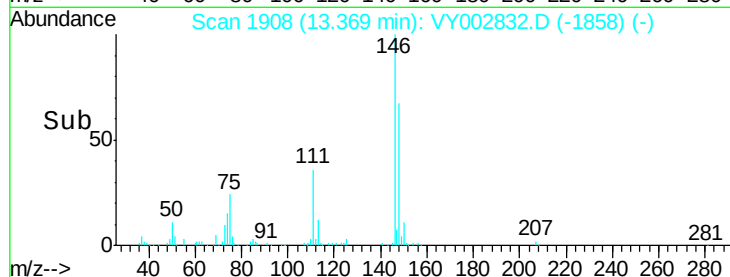
148 66.1 31.9 95.7



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: 19.558 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY002832.D

Acq: 03 Jun 2020 14:56

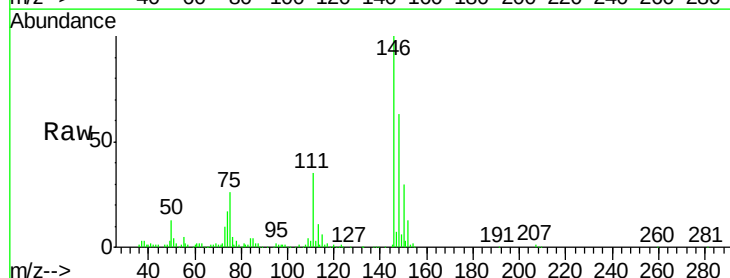
Tgt Ion:146 Resp: 100836

Ion Ratio Lower Upper

146 100

111 39.3 18.1 54.3

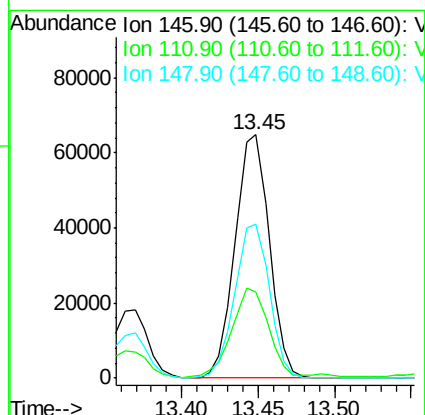
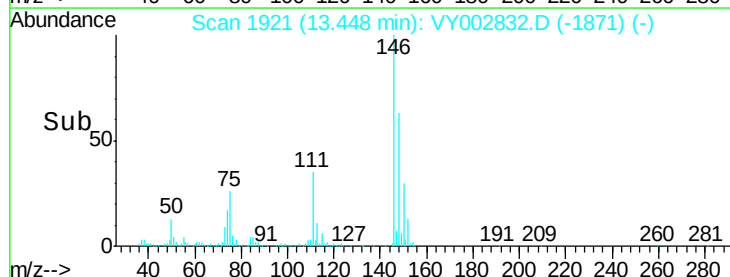
148 64.2 32.1 96.3

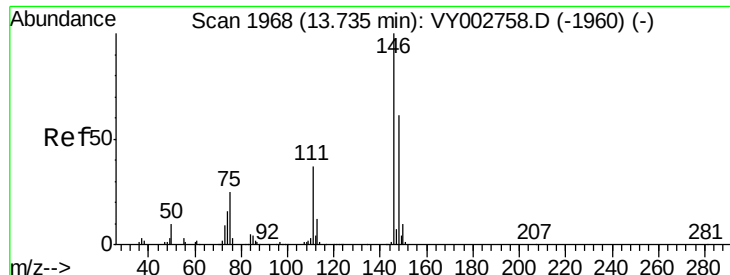


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 13.883 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002832.D

Acq: 03 Jun 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

EFF-SLUDGE

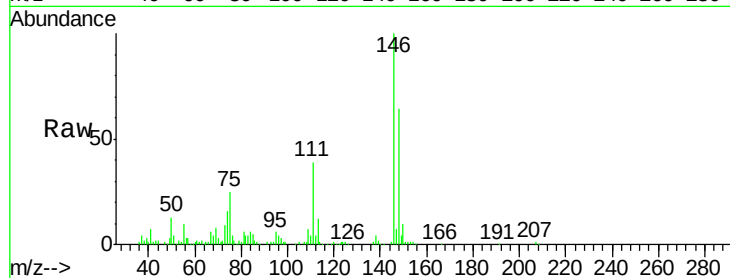
Tot Ion:146 Resp: 64892

Ion Ratio Lower Upper

146 100

111 40.1 18.9 56.9

148 64.4 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

