

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002968.D
 Acq On : 22 Jun 2020 12:59
 Operator : SY/MD
 Sample : L3051-01RE
 Misc : 8.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-BOXRE

Quant Time: Jun 23 08:27:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

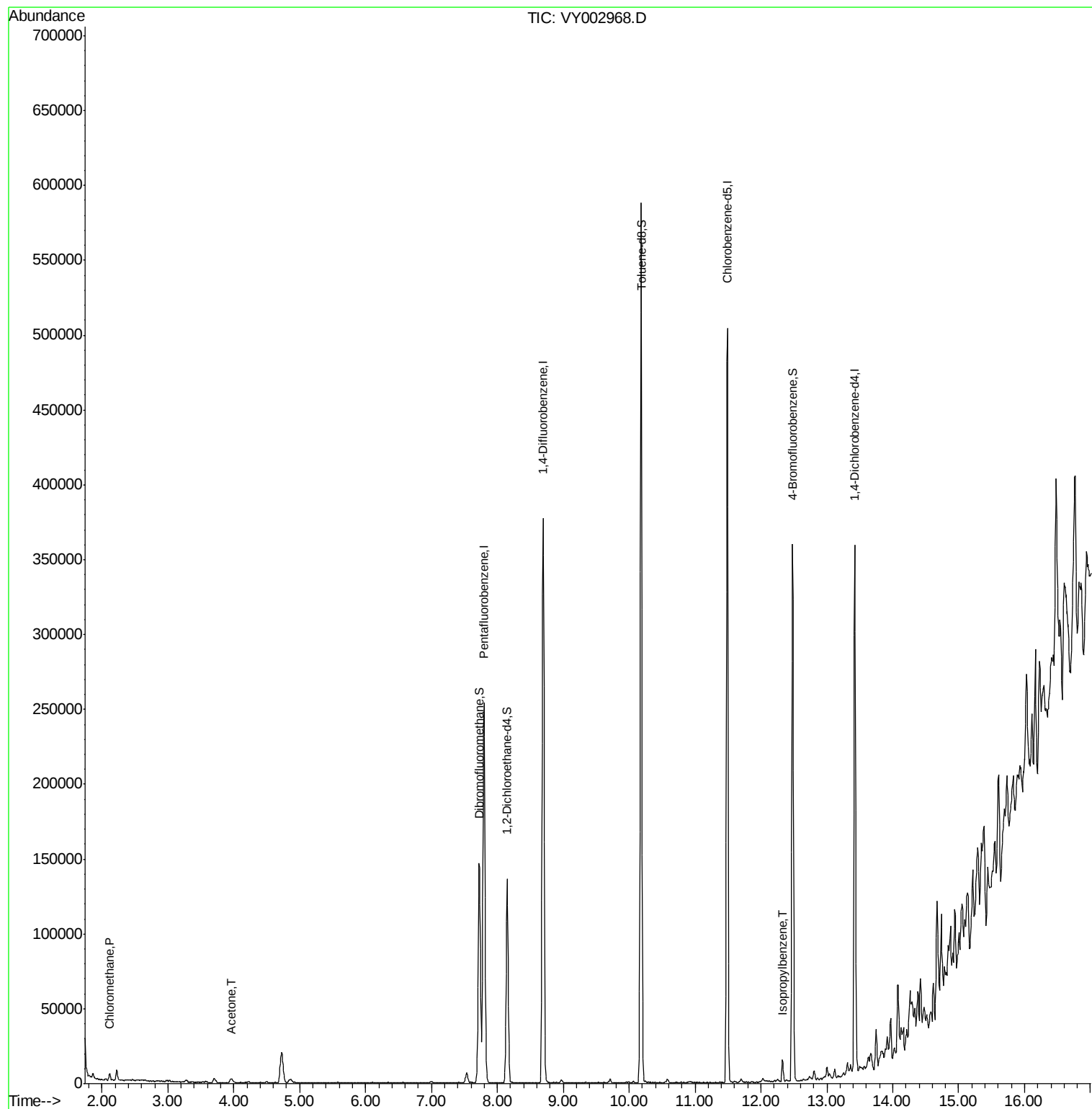
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	216418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	347382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	298589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	97158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	106572	59.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.24%	
35) Dibromofluoromethane	7.72	113	106329	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
50) Toluene-d8	10.18	98	396773	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.48	95	108817	40.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.96%	
Target Compounds						
3) Chloromethane	2.12	50	4081	2.605	ug/l	90
16) Acetone	3.96	43	4569	10.320	ug/l	94
73) Isopropylbenzene	12.33	105	8945	1.502	ug/l	100

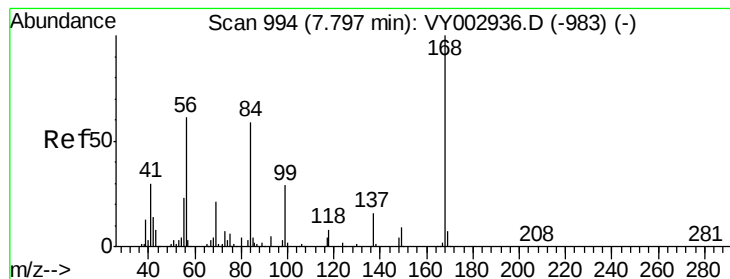
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002968.D

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MSVOA_Y

ClientSampleId :

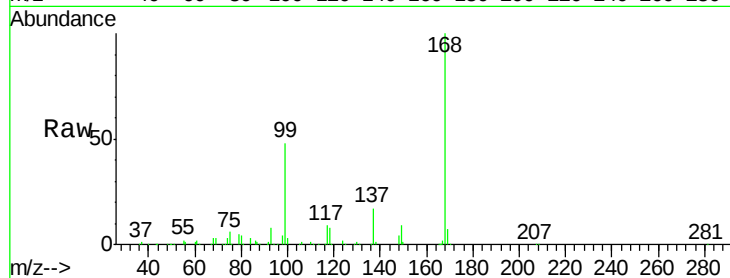
SLUDGE-BOXRE

Tot Ion:168 Resp: 216418

Ion Ratio Lower Upper

168 100

99 48.3 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

100000

80000

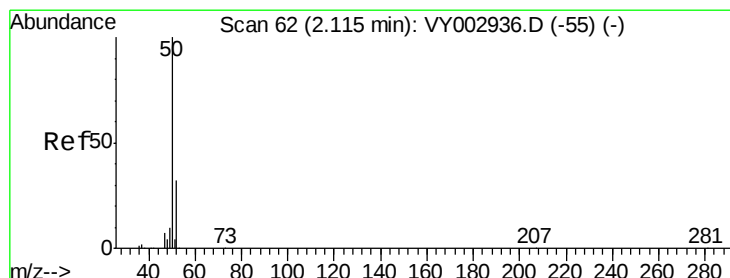
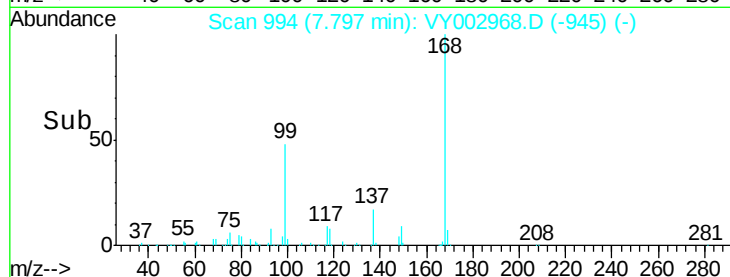
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 2.605 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002968.D

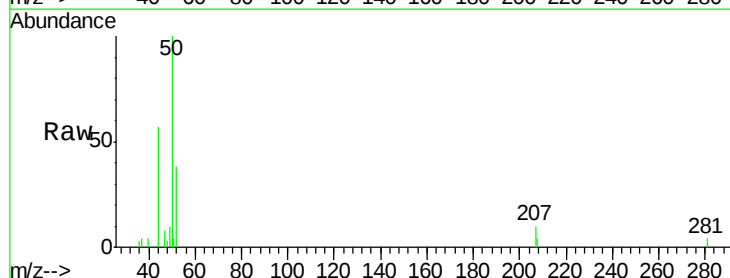
Acq: 22 Jun 2020 12:59

Tgt Ion: 50 Resp: 4081

Ion Ratio Lower Upper

50 100

52 37.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002936.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002936.D (-55) (-)

2.12

3000

2500

2000

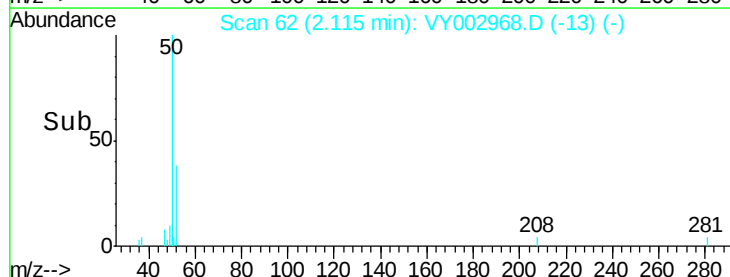
1500

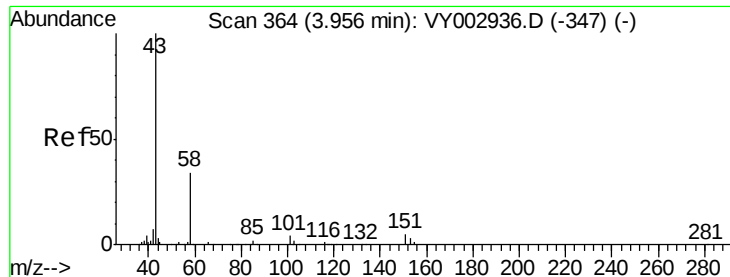
1000

500

0

Time-->





#16

Acetone

Concen: 10.320 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

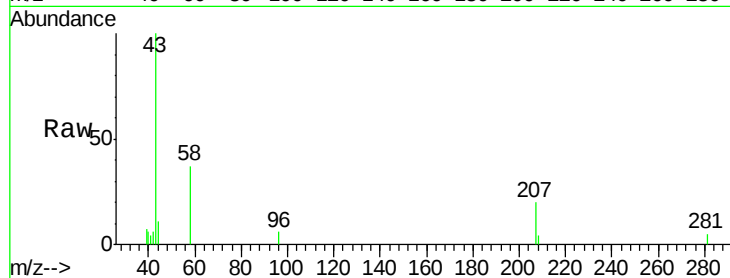
SLUDGE-BOXRE

Tot Ion: 43 Resp: 4569

Ion Ratio Lower Upper

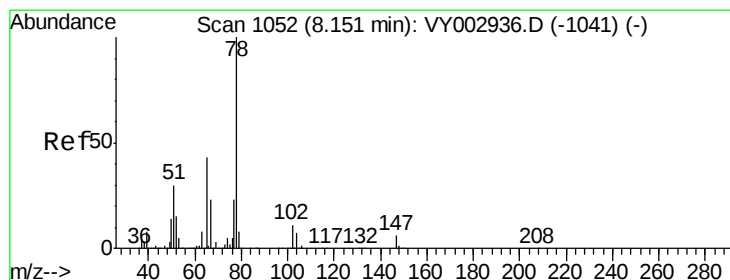
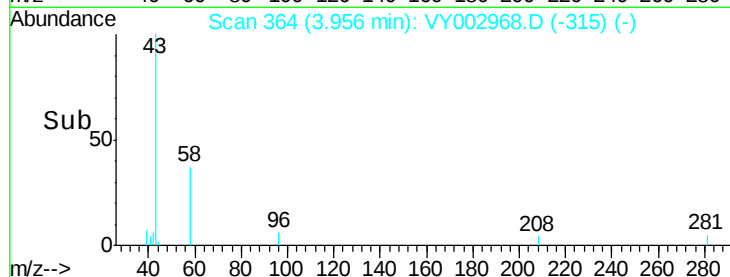
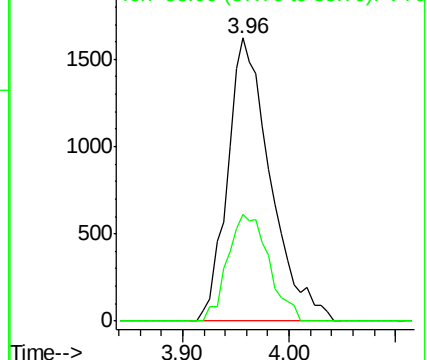
43 100

58 37.5 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 59.618 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002968.D

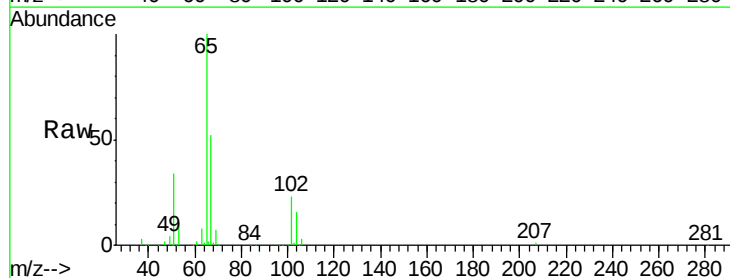
Acq: 22 Jun 2020 12:59

Tgt Ion: 65 Resp: 106572

Ion Ratio Lower Upper

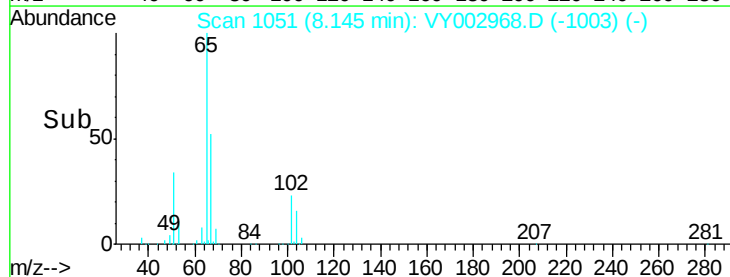
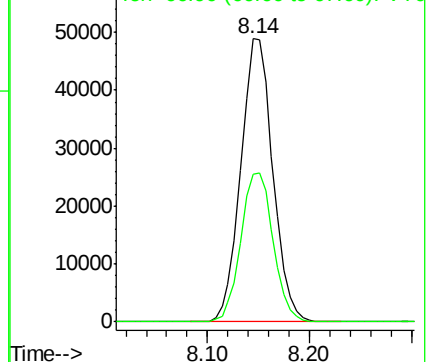
65 100

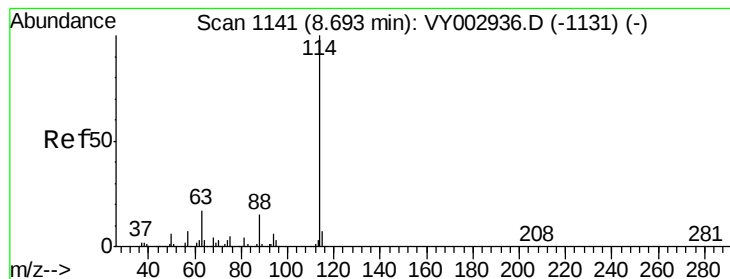
67 53.1 0.0 109.4



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: VY002968.D

Acq: 22 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-BOXRE

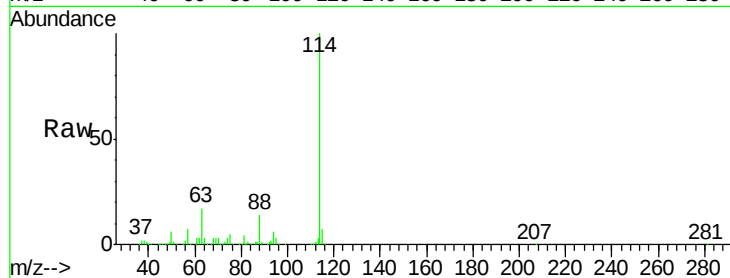
Tot Ion:114 Resp: 347382

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.6

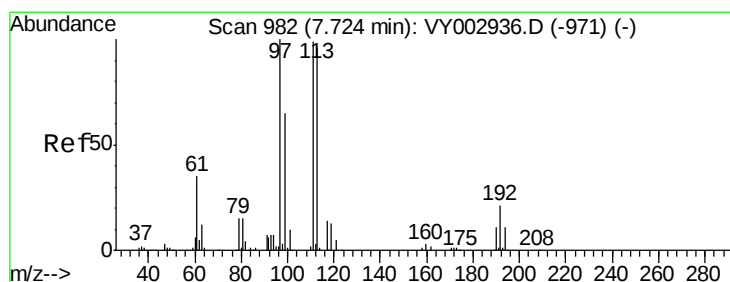
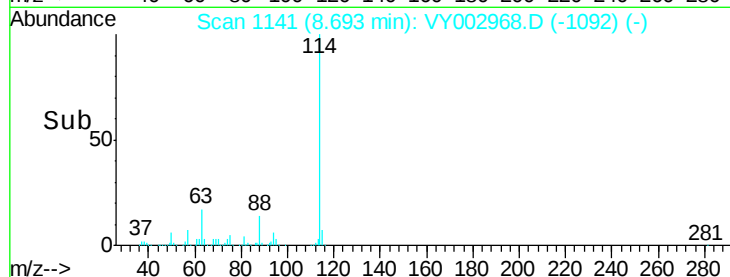
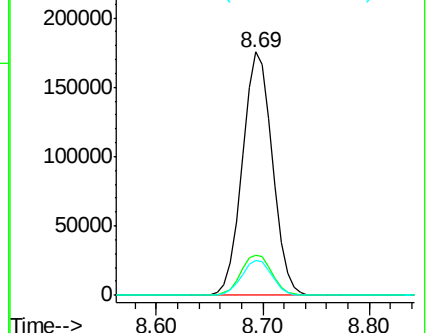
88 14.3 0.0 29.2



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: 54.096 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

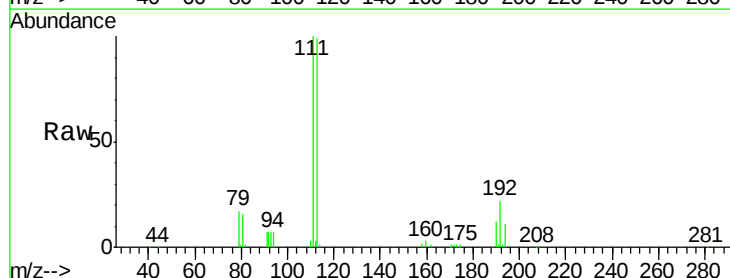
Tgt Ion:113 Resp: 106329

Ion Ratio Lower Upper

113 100

111 100.8 81.5 122.3

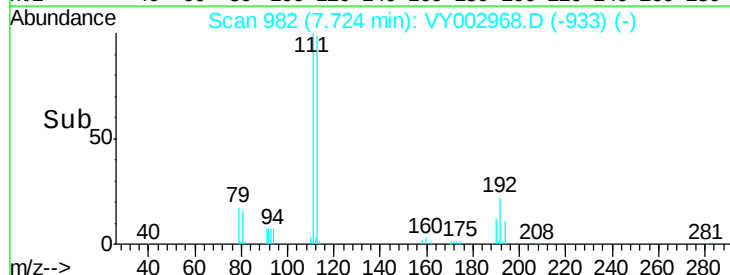
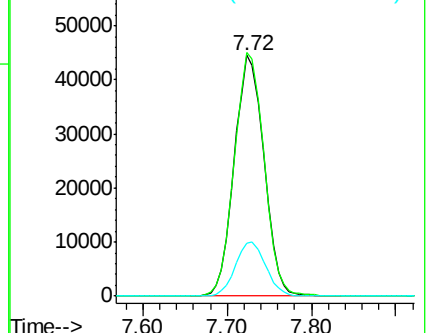
192 22.7 19.2 28.8

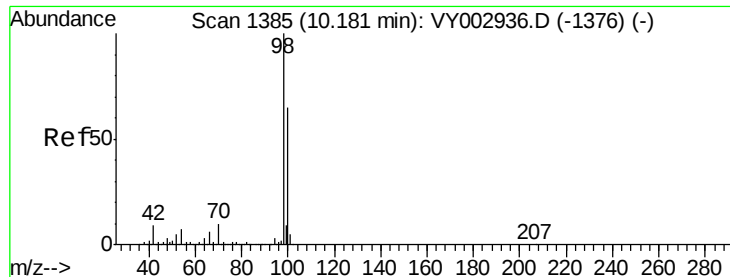


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.196 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

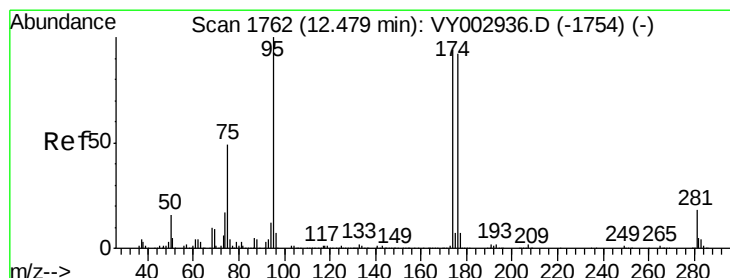
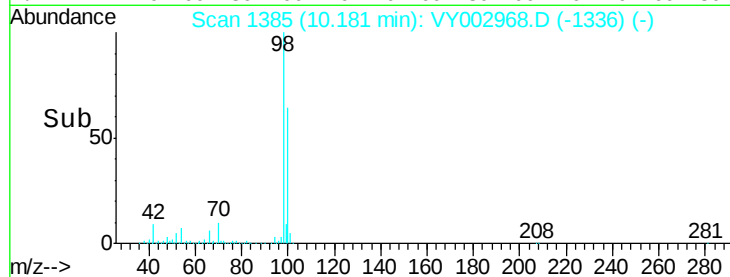
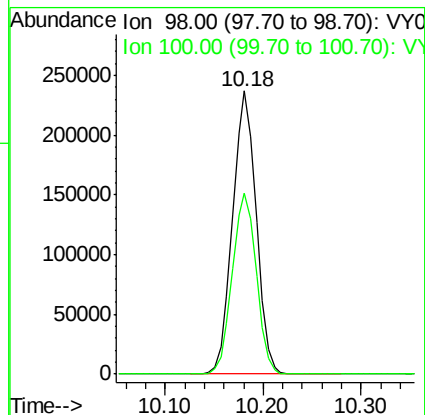
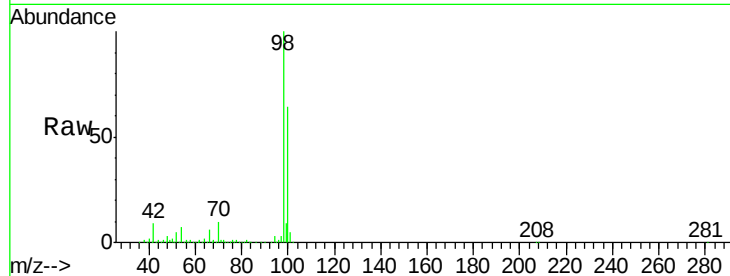
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Tot Ion: 98 Resp: 396773

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 40.477 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

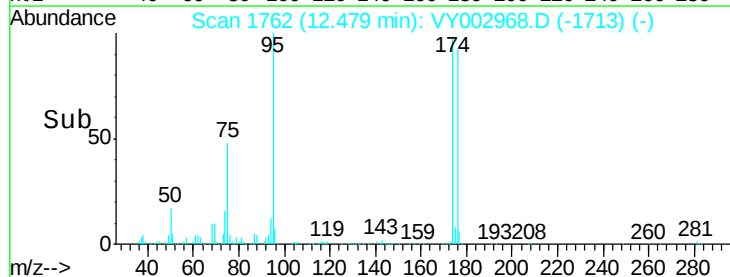
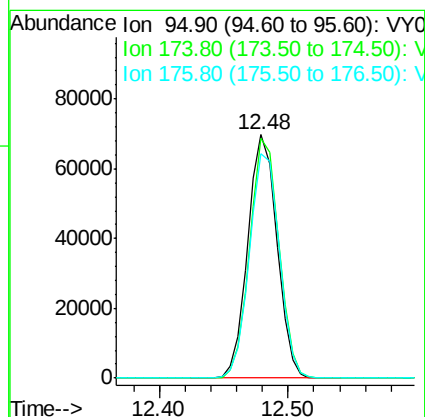
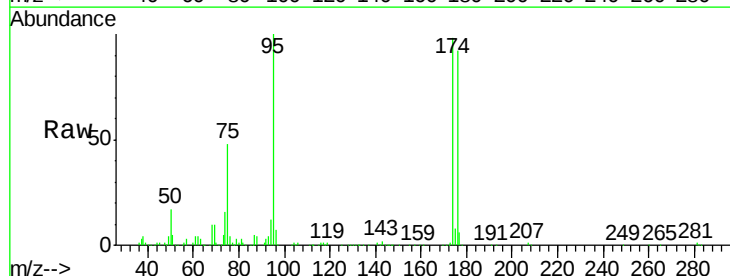
Tgt Ion: 95 Resp: 108817

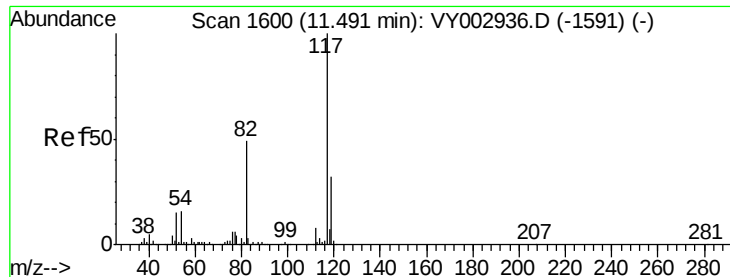
Ion Ratio Lower Upper

95 100

174 98.3 0.0 191.2

176 94.3 0.0 186.0

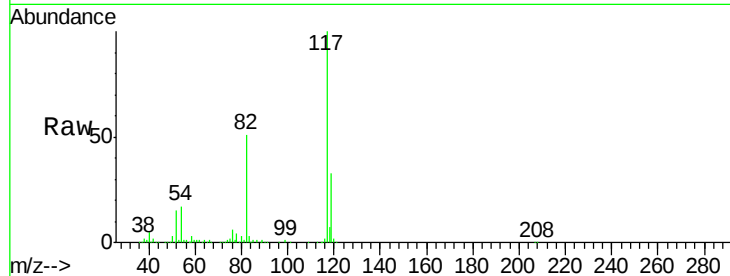




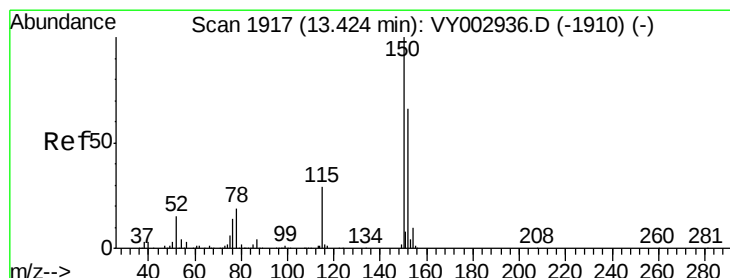
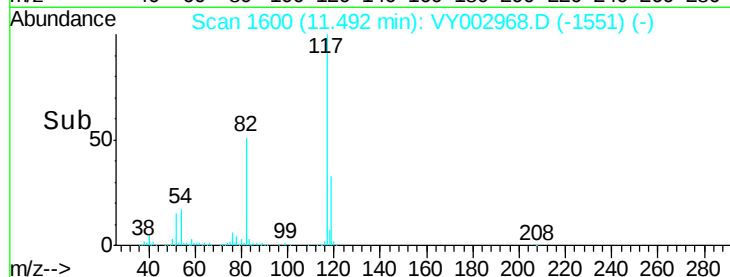
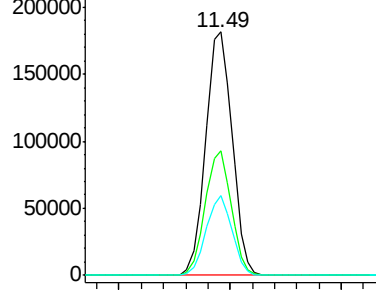
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002968.D
Acq: 22 Jun 2020 12:59

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-BOXRE

Tot Ion:117 Resp: 298589
Ion Ratio Lower Upper
117 100
82 51.0 39.4 59.0
119 33.0 25.4 38.0

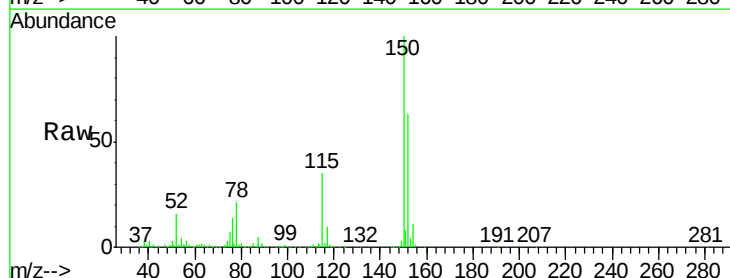


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

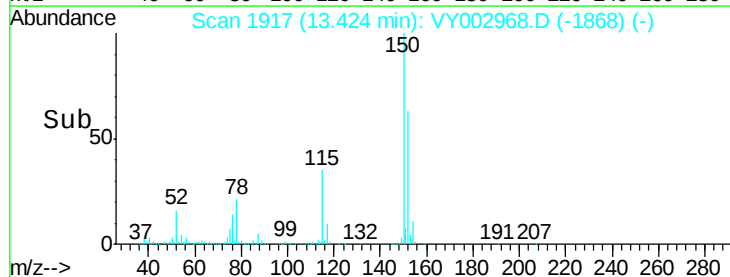
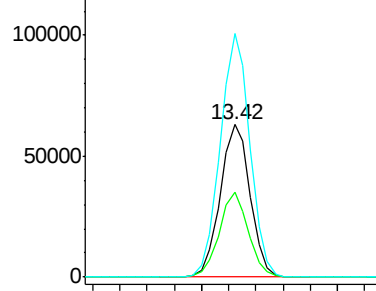


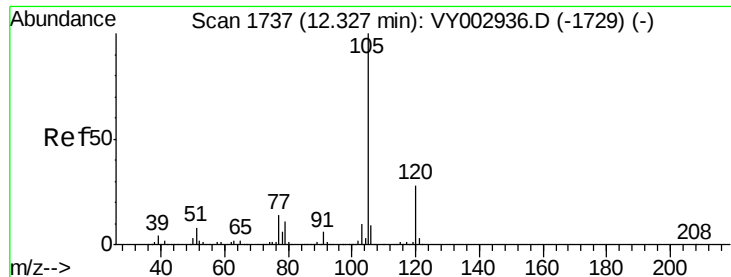
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002968.D
Acq: 22 Jun 2020 12:59

Tgt Ion:152 Resp: 97158
Ion Ratio Lower Upper
152 100
115 54.3 26.9 80.6
150 158.2 0.0 341.8



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





#73

Isopropylbenzene

Concen: 1.502 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002968.D

Acq: 22 Jun 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

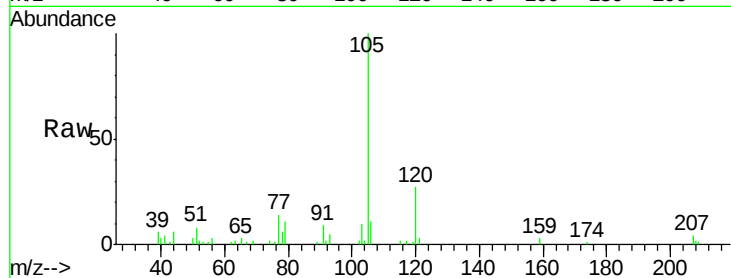
SLUDGE-BOXRE

Tot Ion:105 Resp: 8945

Ion Ratio Lower Upper

105 100

120 27.7 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

