

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv061920\
 Data File : VY002957.D
 Acq On : 19 Jun 2020 22:58
 Operator : SY/MD
 Sample : L3063-14
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TW-5

Quant Time: Jun 30 15:11:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

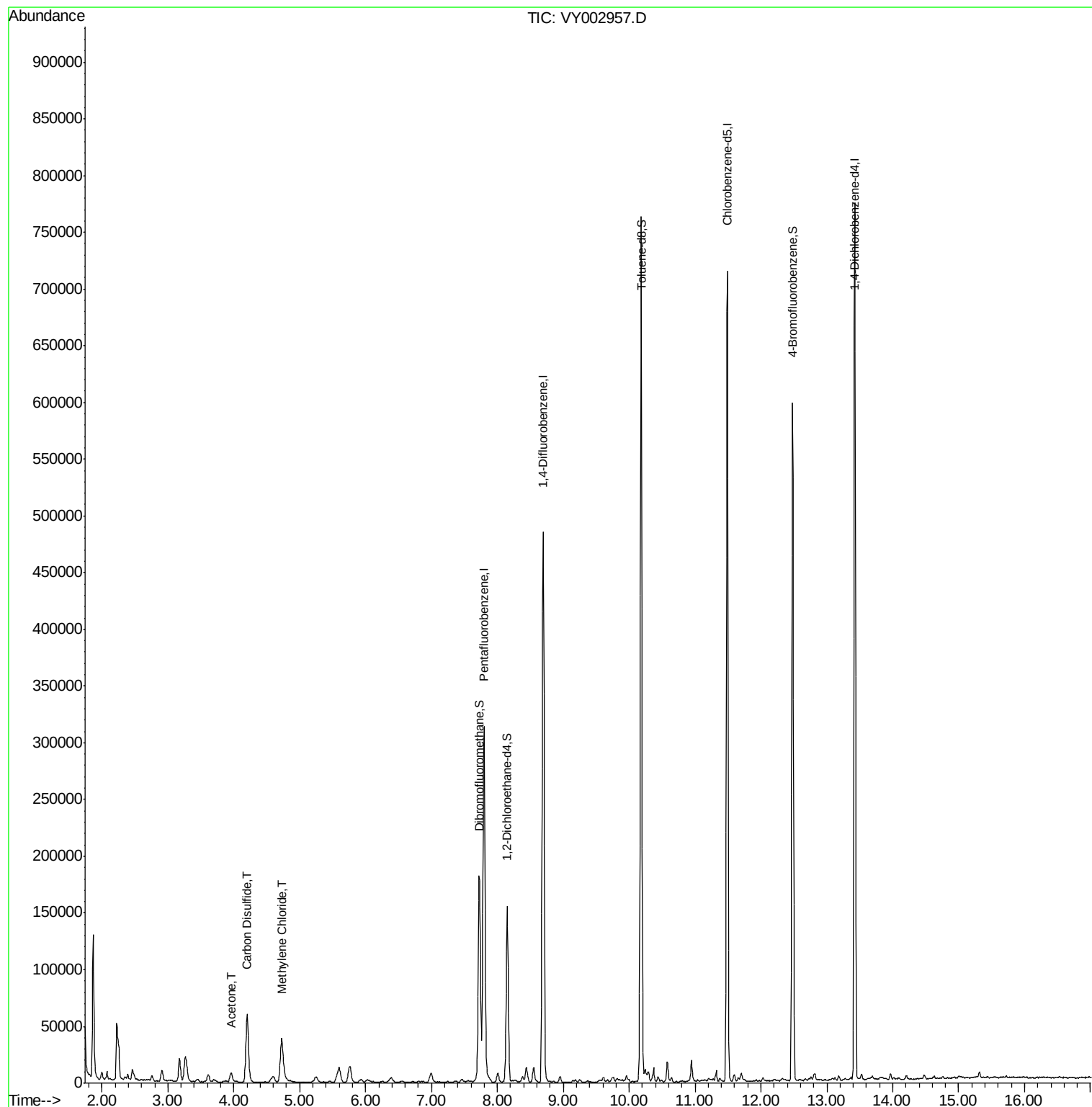
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	264218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	437743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	415535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	213142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	116020	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
35) Dibromofluoromethane	7.72	113	133557	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
50) Toluene-d8	10.18	98	515095	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.48	95	178903	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
Target Compounds						
16) Acetone	3.96	43	14534	26.888	ug/l	99
17) Carbon Disulfide	4.20	76	124981	19.196	ug/l	98
20) Methylene Chloride	4.72	84	30986	5.993	ug/l	95

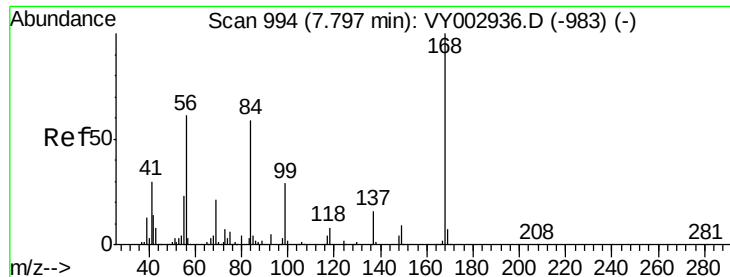
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002957.D

Acq: 19 Jun 2020 22:58

Instrument :

MSVOA_Y

ClientSampleId :

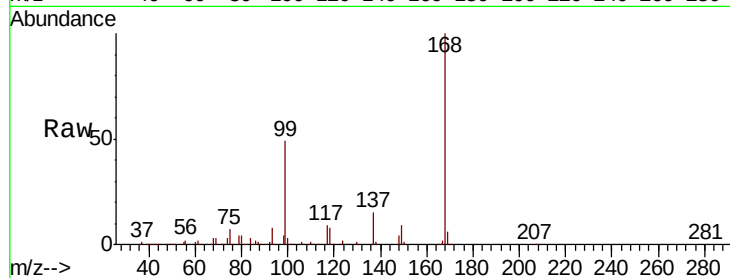
TW-5

Tot Ion:168 Resp: 264218

Ion Ratio Lower Upper

168 100

99 49.0 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) (-)

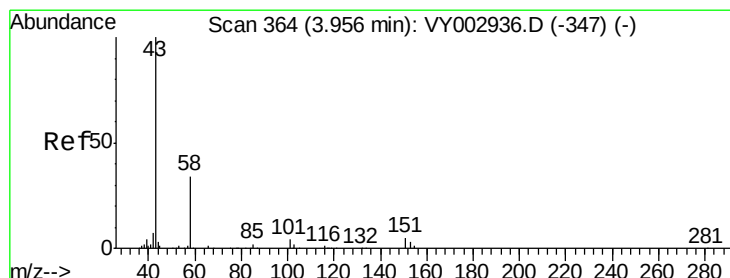
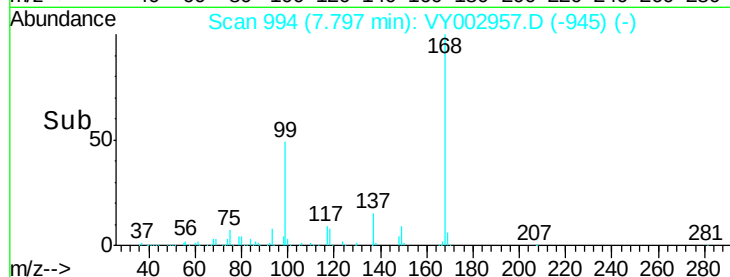
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 26.888 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002957.D

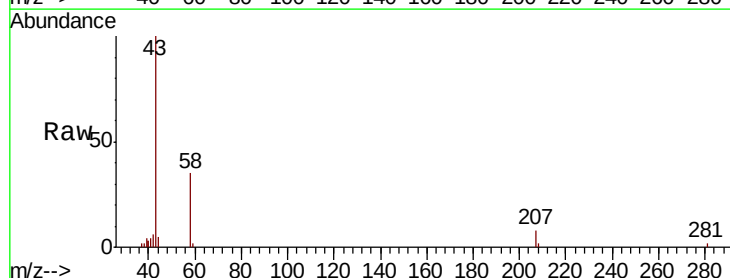
Acq: 19 Jun 2020 22:58

Tgt Ion: 43 Resp: 14534

Ion Ratio Lower Upper

43 100

58 34.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY002936.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002936.D (-347) (-)

3.96

6000

5000

4000

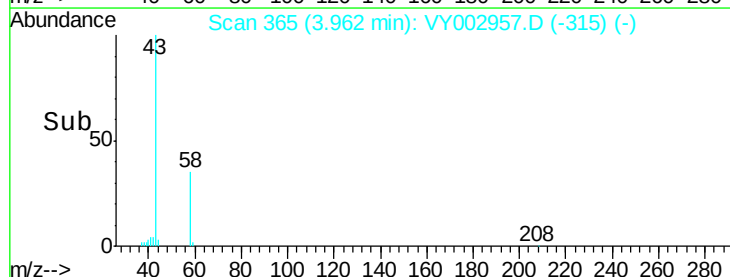
3000

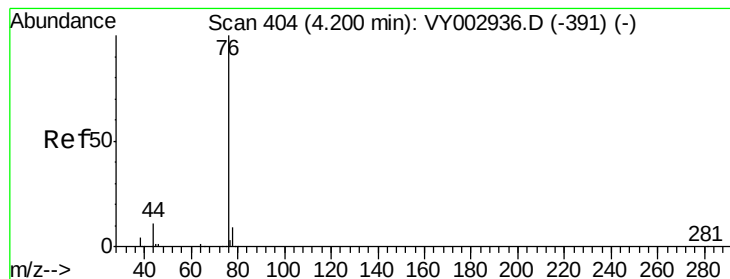
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 19.196 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002957.D

Acq: 19 Jun 2020 22:58

Instrument :

MSVOA_Y

ClientSampled :

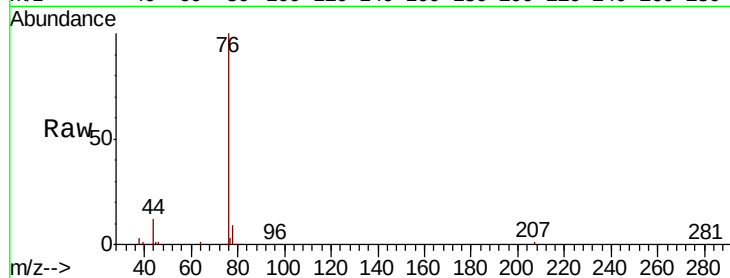
TW-5

Tot Ion: 76 Resp: 124981

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

50000

40000

30000

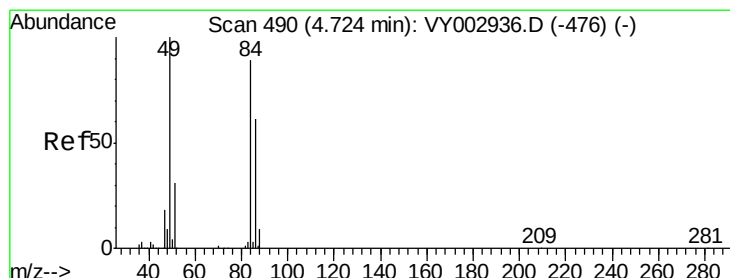
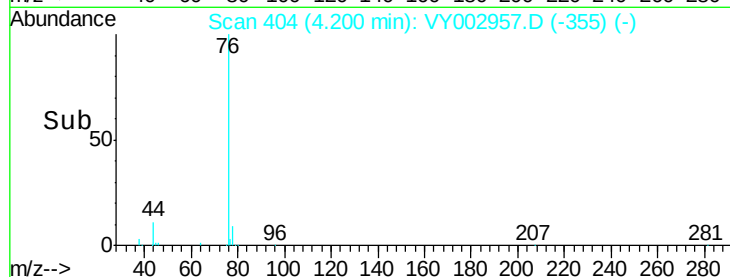
20000

10000

0

Time-->

4.10 4.20 4.30 4.40



#20

Methylene Chloride

Concen: 5.993 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002957.D

Acq: 19 Jun 2020 22:58

Tgt Ion: 84 Resp: 30986

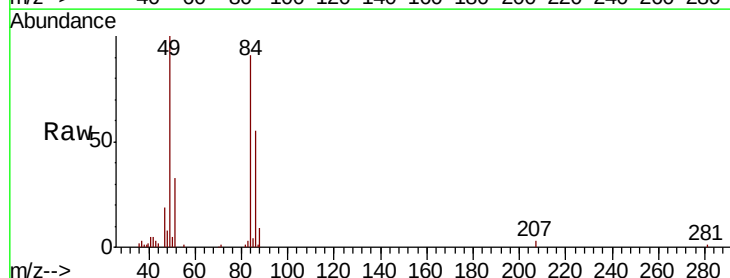
Ion Ratio Lower Upper

84 100

49 109.5 90.0 135.0

51 35.8 27.9 41.9

86 60.8 54.6 81.8



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

15000

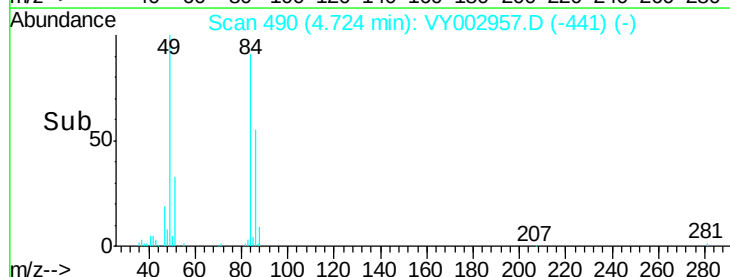
10000

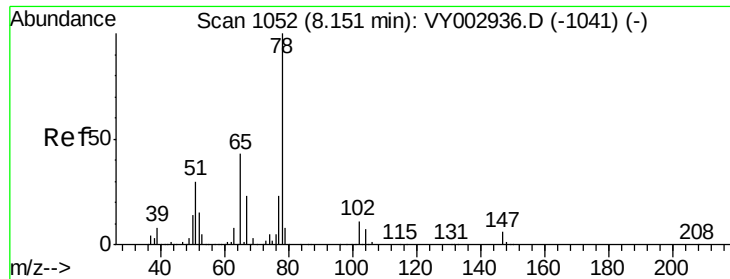
5000

0

Time-->

4.60 4.70 4.80

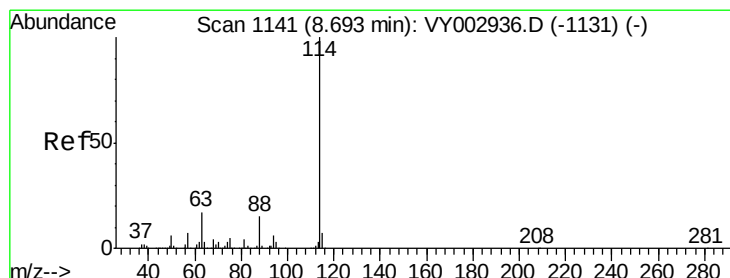
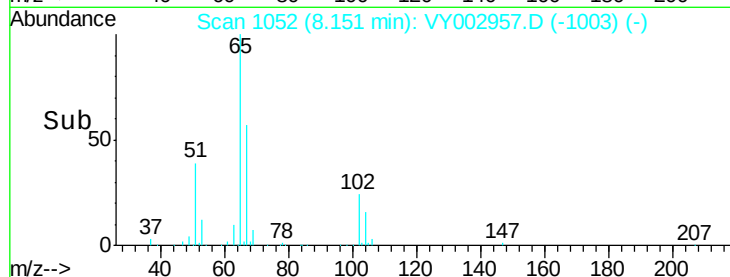
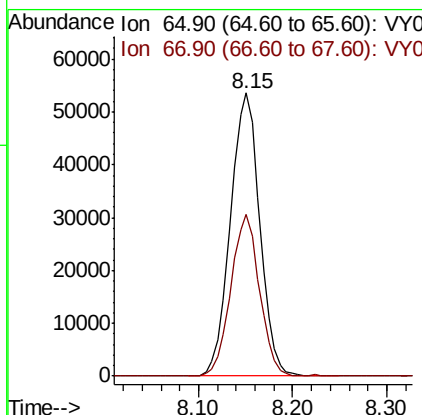
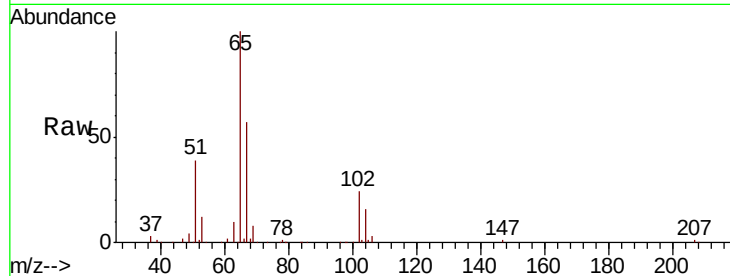




#33
 1,2-Dichloroethane-d4
 Concen: 53.162 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002957.D
 Acq: 19 Jun 2020 22:58

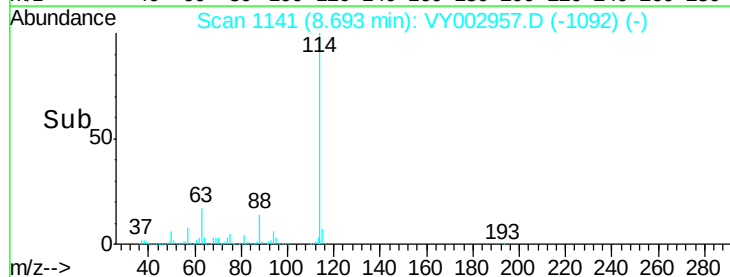
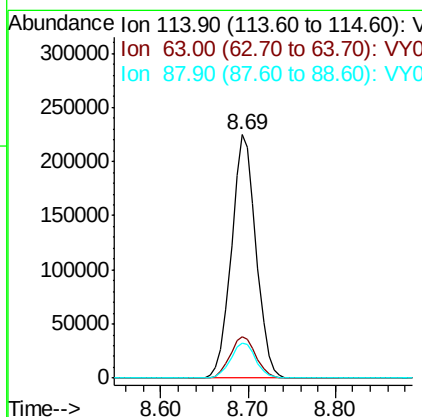
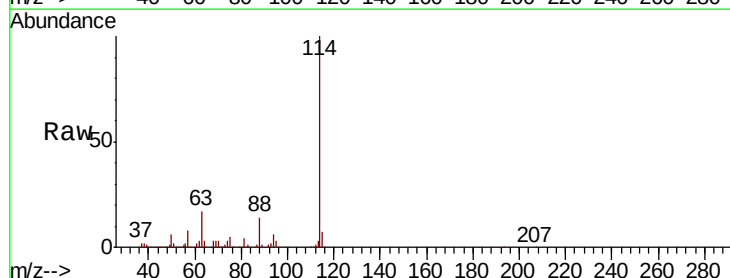
Instrument :
 MSVOA_Y
 ClientSampled :
 TW-5

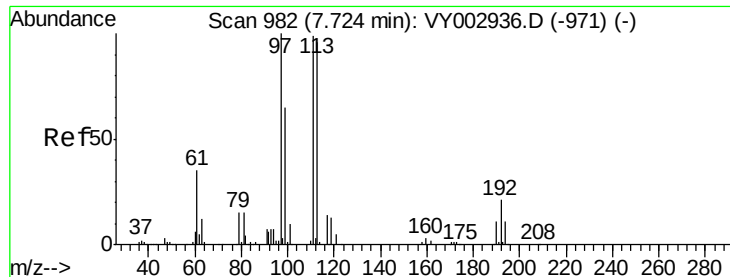
Tot Ion: 65 Resp: 116020
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002957.D
 Acq: 19 Jun 2020 22:58

Tgt Ion: 114 Resp: 437743
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.6
 88 14.4 0.0 29.2

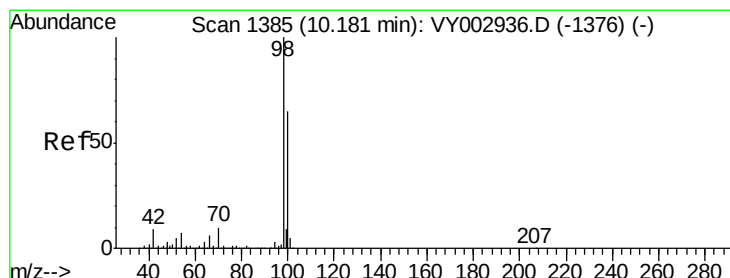
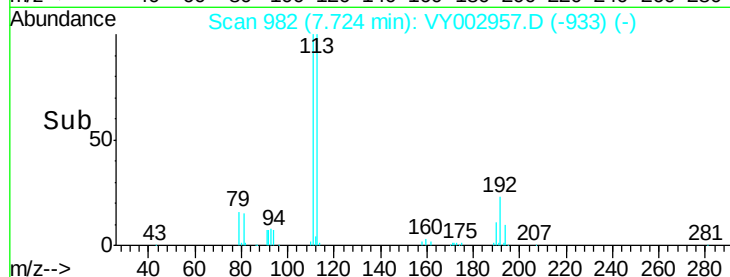
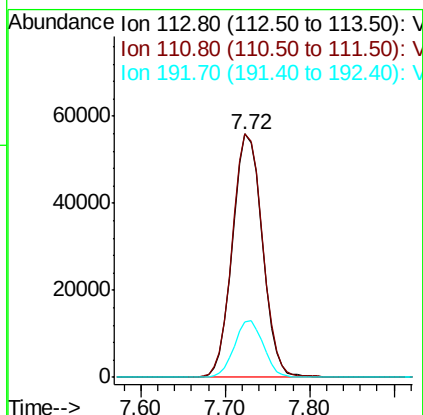
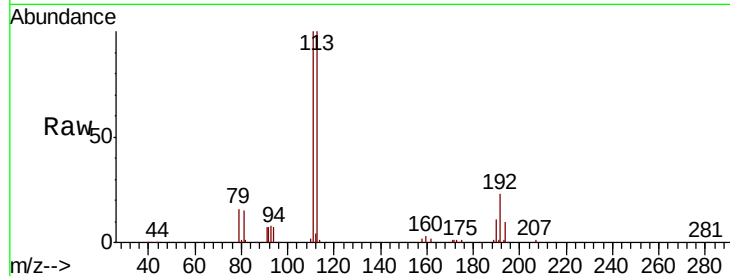




#35
 Dibromofluoromethane
 Concen: 53.922 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002957.D
 Acq: 19 Jun 2020 22:58

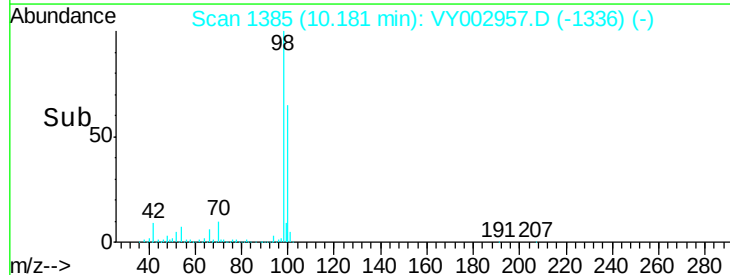
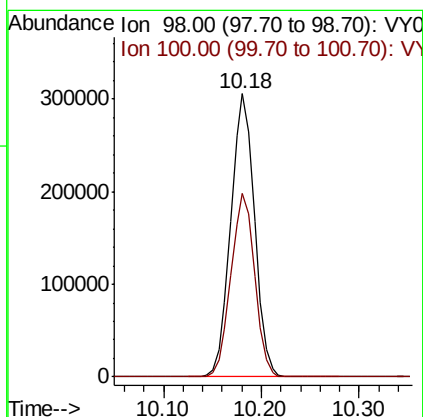
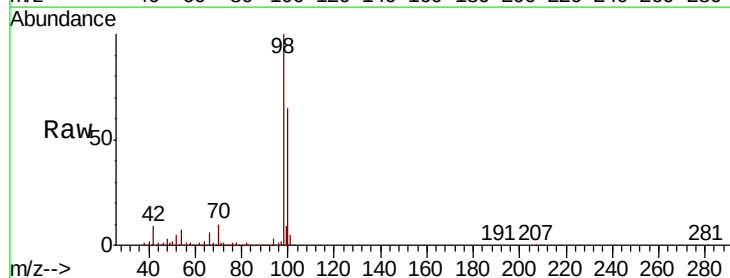
Instrument :
 MSVOA_Y
 ClientSampleId :
 TW-5

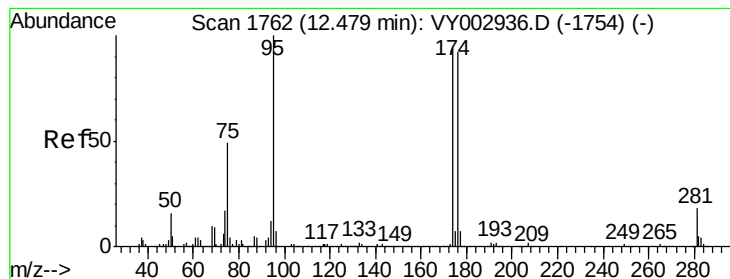
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.5	122.3
192	22.7	19.2	28.8



#50
 Toluene-d8
 Concen: 52.743 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY002957.D
 Acq: 19 Jun 2020 22:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 52.811 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002957.D

Acq: 19 Jun 2020 22:58

Instrument :

MSVOA_Y

ClientSampleId :

TW-5

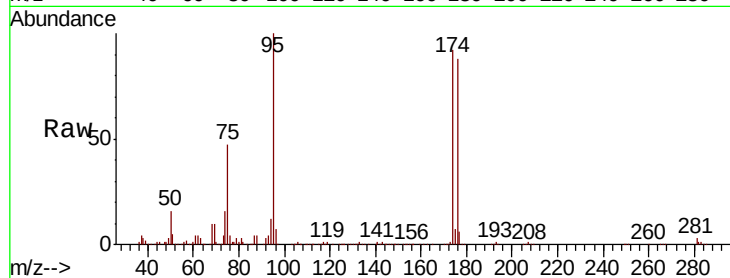
Tot Ion: 95 Resp: 178903

Ion Ratio Lower Upper

95 100

174 93.9 0.0 191.2

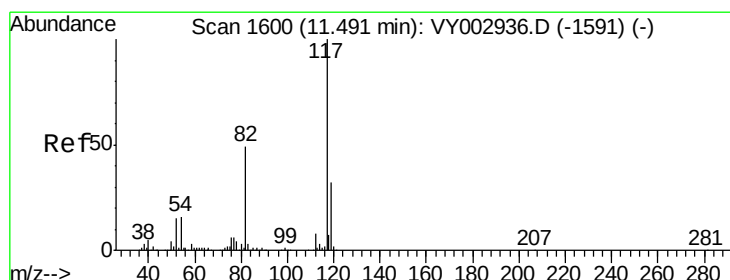
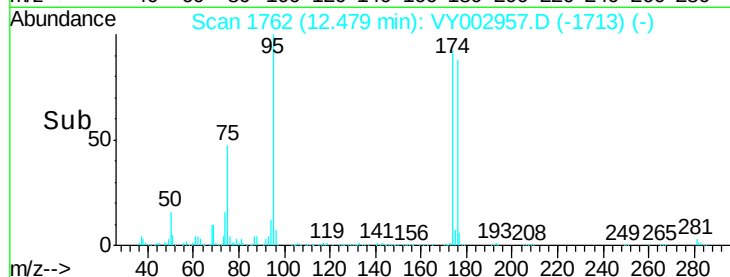
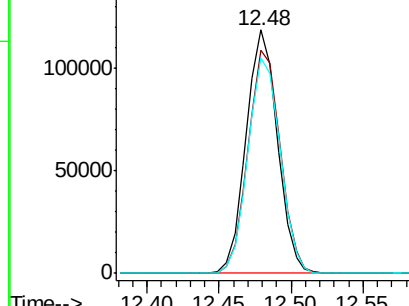
176 90.9 0.0 186.0



Abundance Ion 94.90 (94.60 to 95.60): VY002936.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002936.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002936.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002957.D

Acq: 19 Jun 2020 22:58

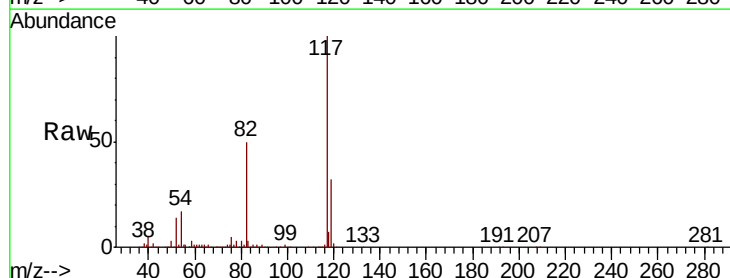
Tgt Ion: 117 Resp: 415535

Ion Ratio Lower Upper

117 100

82 49.9 39.4 59.0

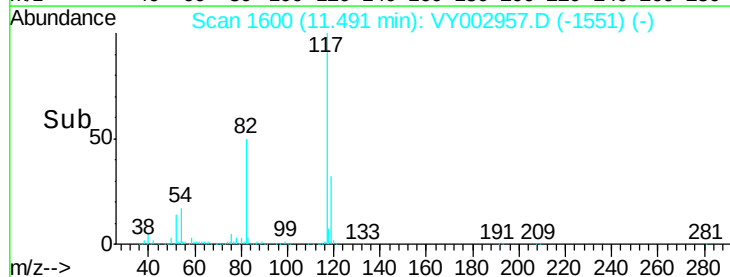
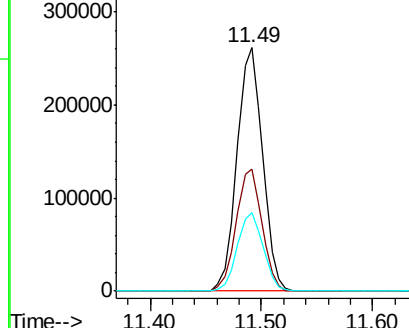
119 32.4 25.4 38.0

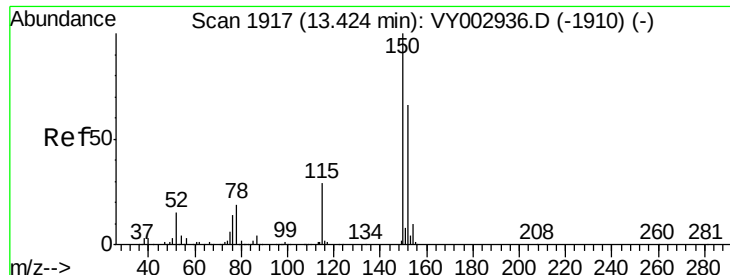


Abundance Ion 116.90 (116.60 to 117.60): VY002936.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY002936.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY002936.D (-1591) (-)



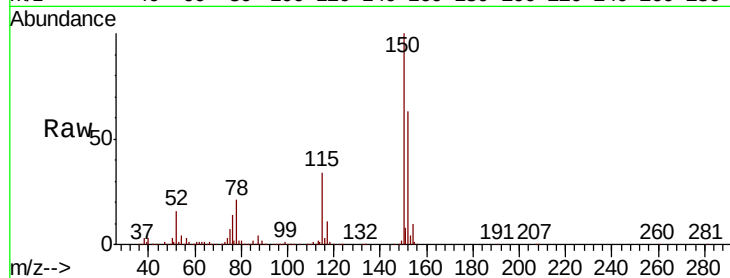


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY002957.D
 Acq: 19 Jun 2020 22:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 TW-5

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.9	80.6
150	156.0	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

