

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
 Data File : VY002798.D
 Acq On : 29 May 2020 12:37
 Operator : SY/MD
 Sample : L2797-05
 Misc : 7.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TEST-HOLE-5-VOC-1.5-2.0

Quant Time: May 30 04:17:09 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	233131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	375627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173097	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	118822	58.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.40%	
35) Dibromofluoromethane	7.72	113	114513	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
50) Toluene-d8	10.18	98	443898	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.48	95	143959	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	

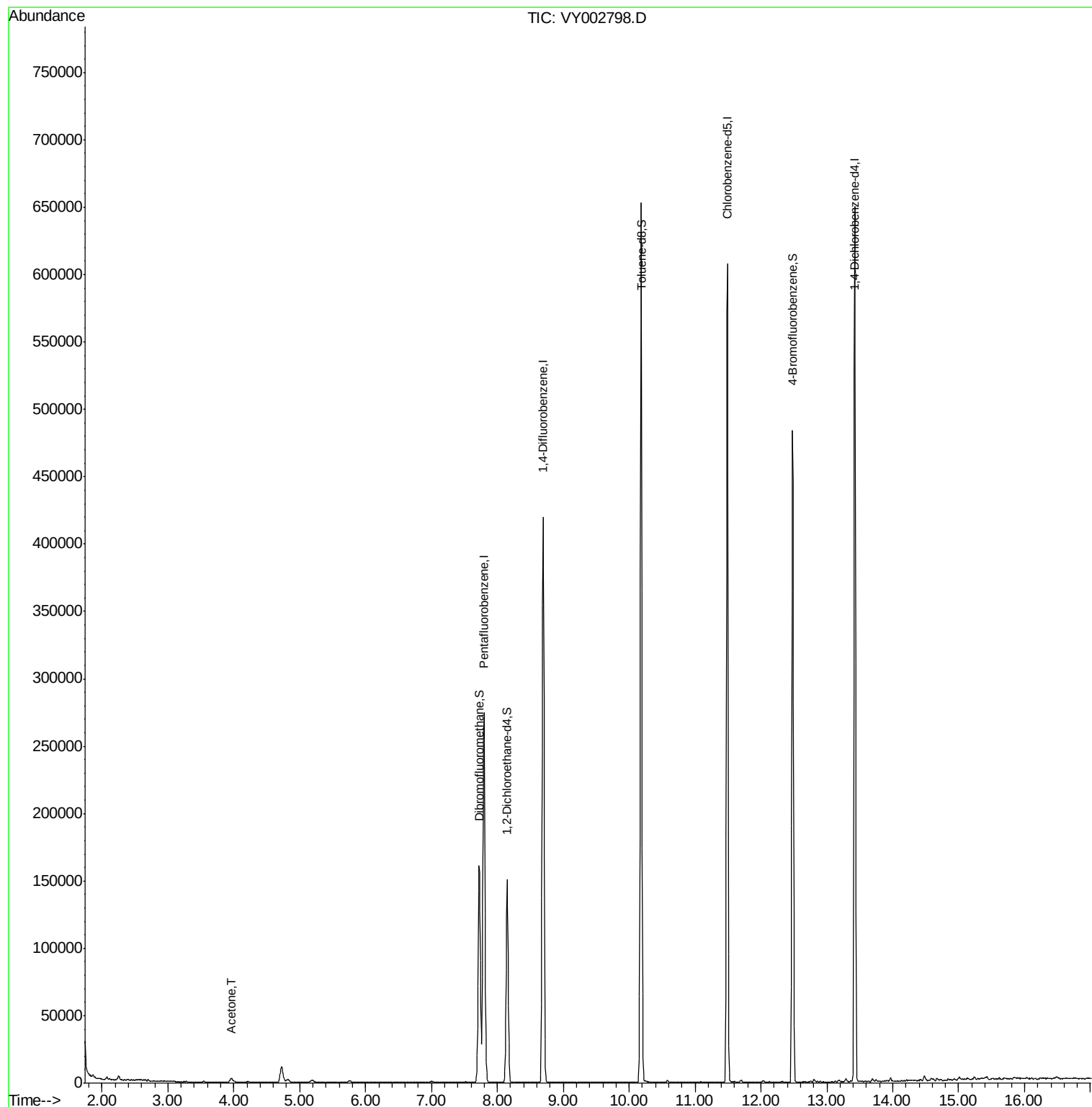
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	6277	13.22	ug/l	# 82

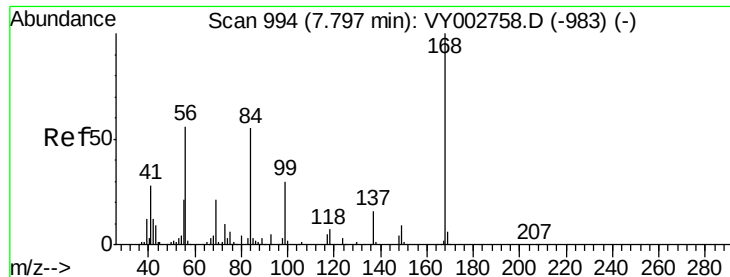
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

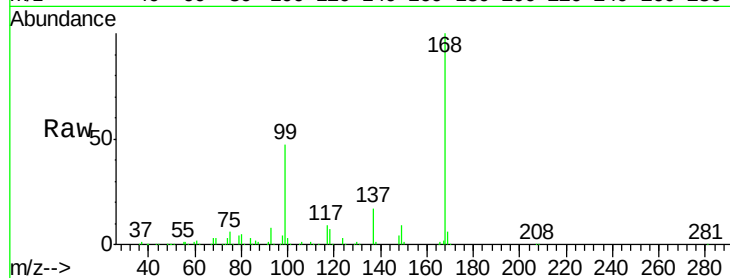
TEST-HOLE-5-VOC-1.5-2.0

Tgt Ion:168 Resp: 233131

Ion Ratio Lower Upper

168 100

99 46.6 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

100000

80000

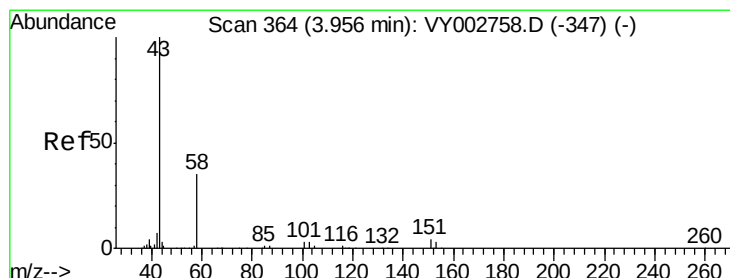
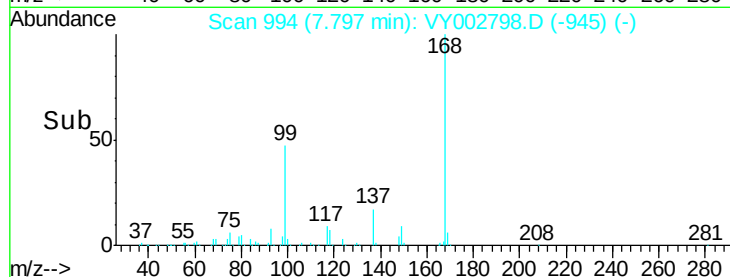
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 13.22 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002798.D

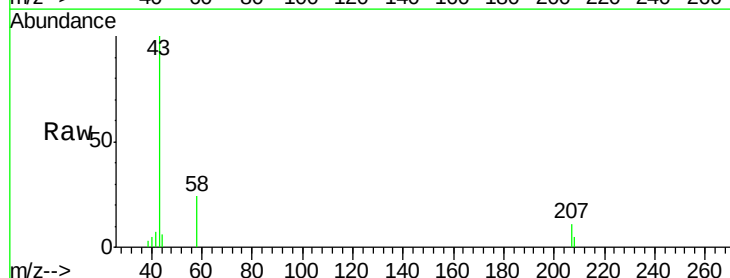
Acq: 29 May 2020 12:37

Tgt Ion: 43 Resp: 6277

Ion Ratio Lower Upper

43 100

58 24.4 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

2500

2000

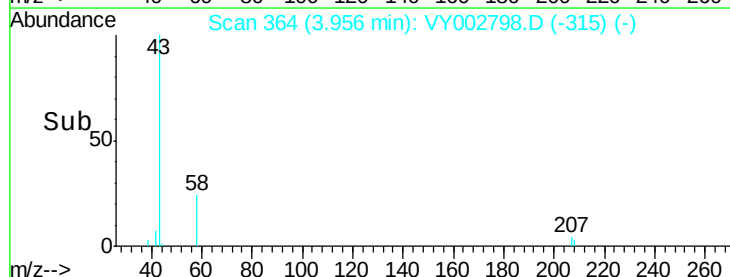
1500

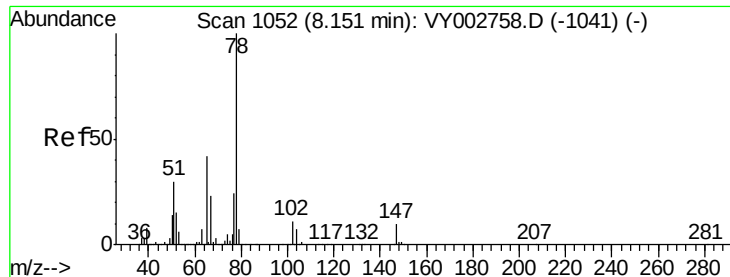
1000

500

0

Time-->

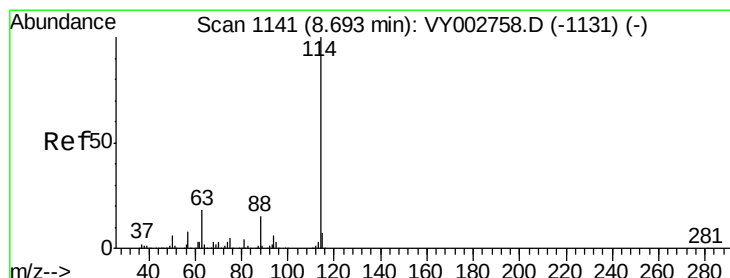
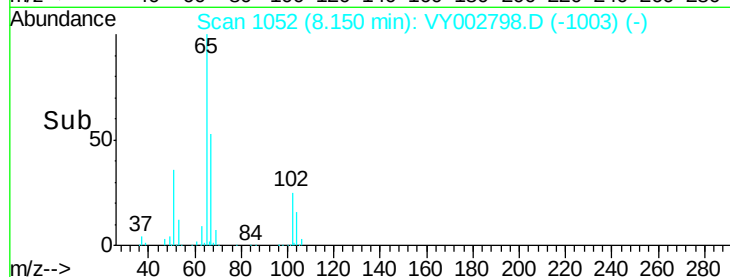
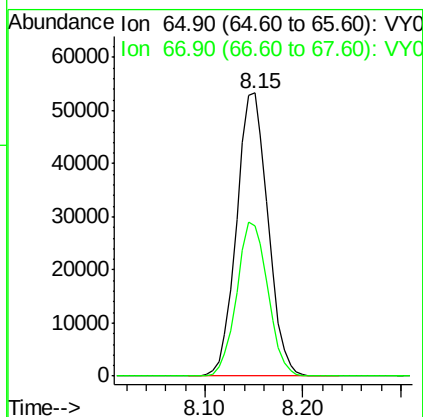
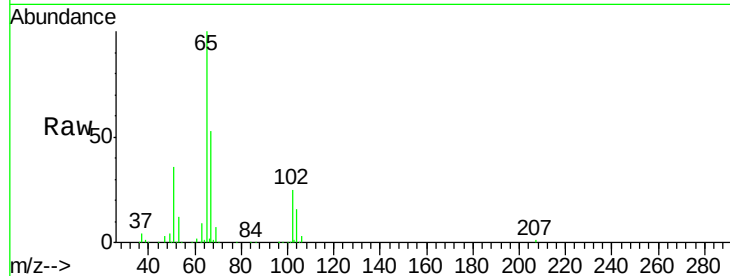




#33
 1,2-Dichloroethane-d4
 Concen: 58.70 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002798.D
 Acq: 29 May 2020 12:37

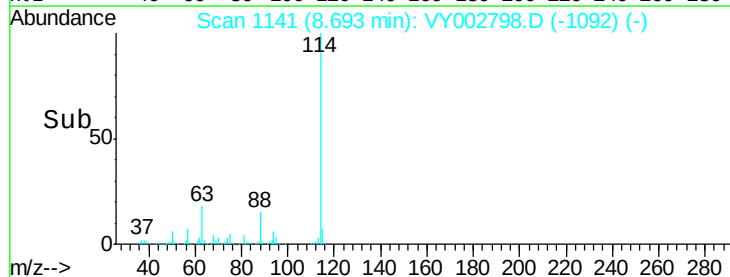
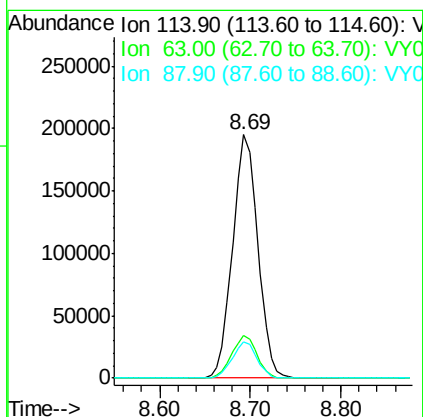
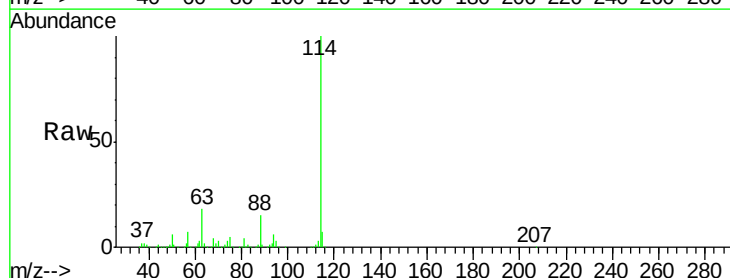
Instrument :
 MSVOA_Y
 ClientSampleId :
 TEST-HOLE-5-VOC-1.5-2.0

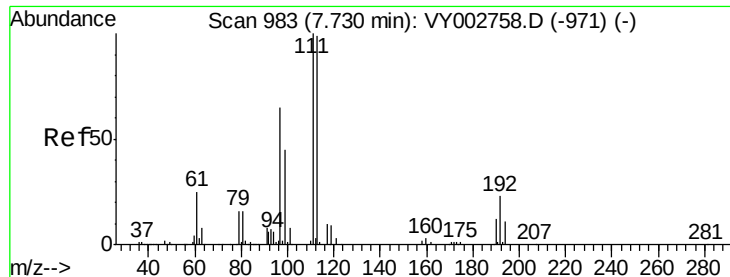
Tgt Ion: 65 Resp: 118822
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002798.D
 Acq: 29 May 2020 12:37

Tgt Ion: 114 Resp: 375627
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.7 0.0 29.2

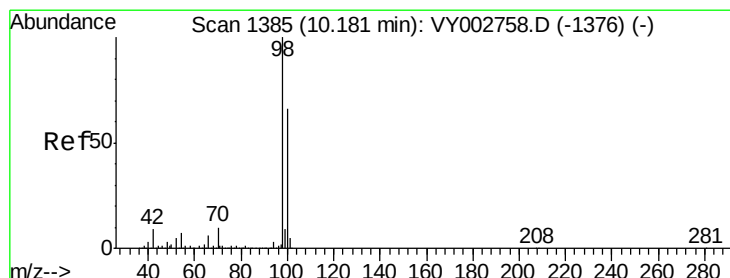
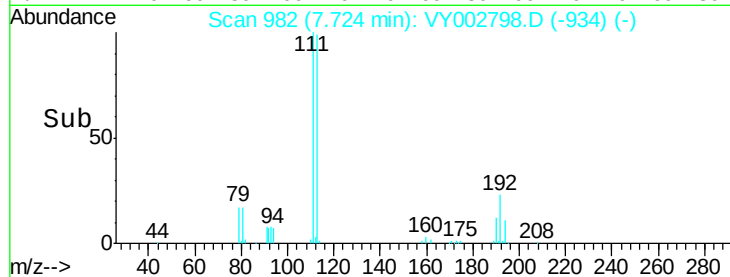
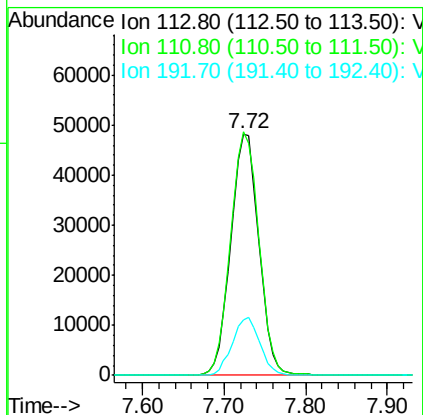
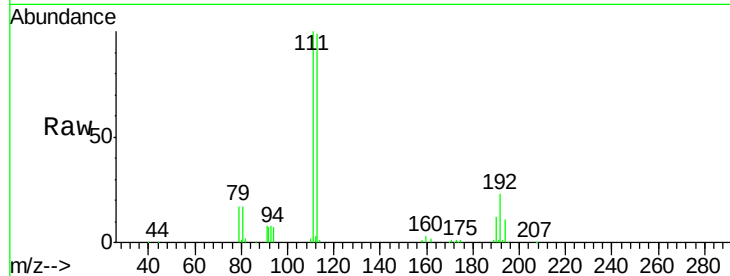




#35
 Dibromofluoromethane
 Concen: 52.02 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002798.D
 Acq: 29 May 2020 12:37

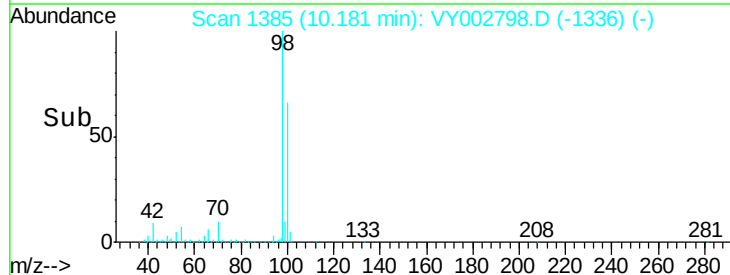
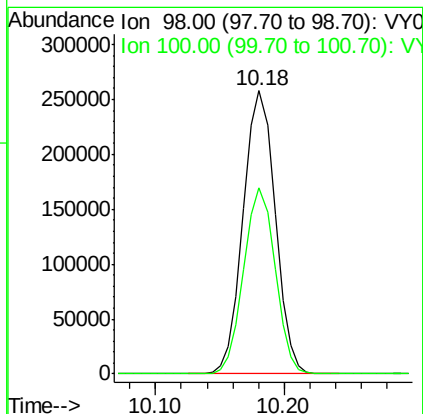
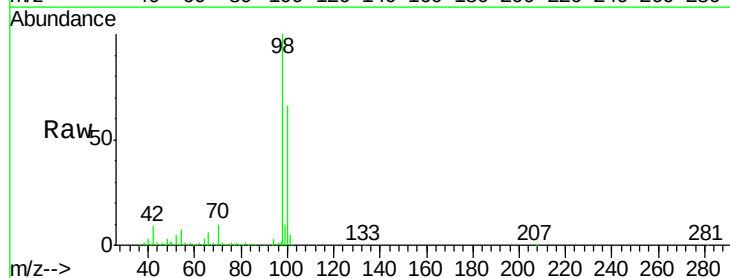
Instrument :
 MSVOA_Y
 ClientSampleId :
 TEST-HOLE-5-VOC-1.5-2.0

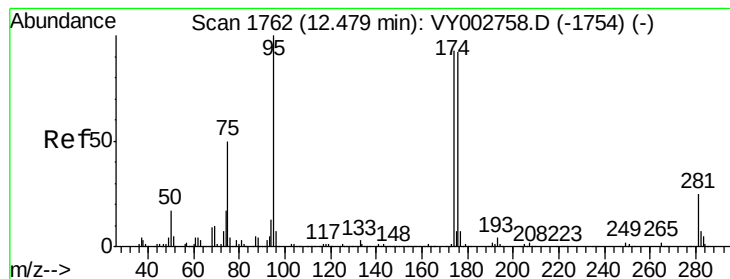
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.5	18.9	28.3



#50
 Toluene-d8
 Concen: 49.87 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY002798.D
 Acq: 29 May 2020 12:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 47.33 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

TEST-HOLE-5-VOC-1.5-2.0

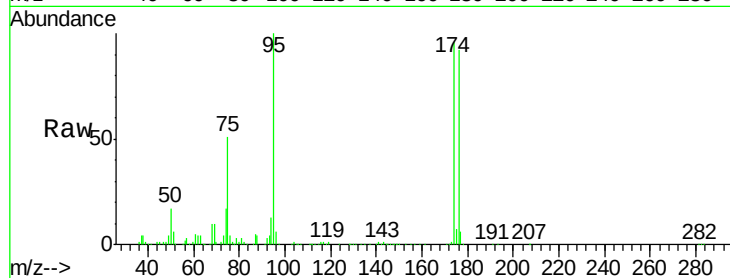
Tgt Ion: 95 Resp: 143959

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.2

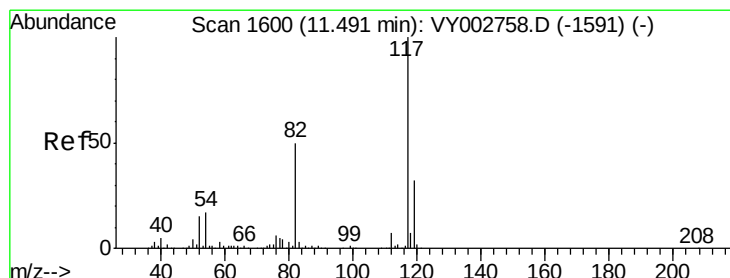
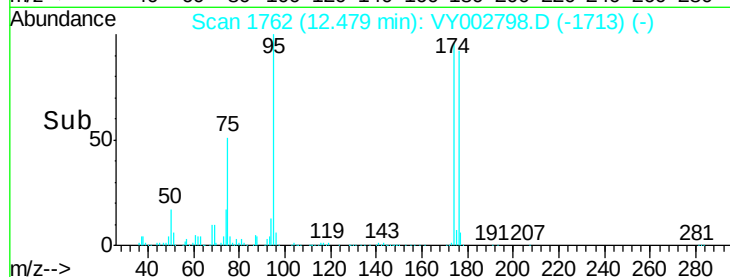
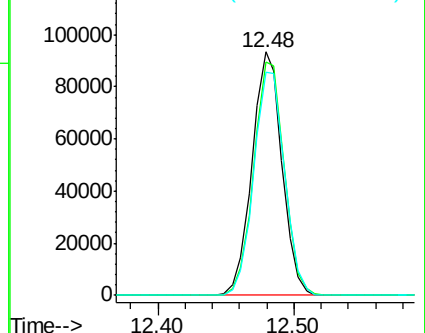
176 94.6 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002758.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002758.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002758.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

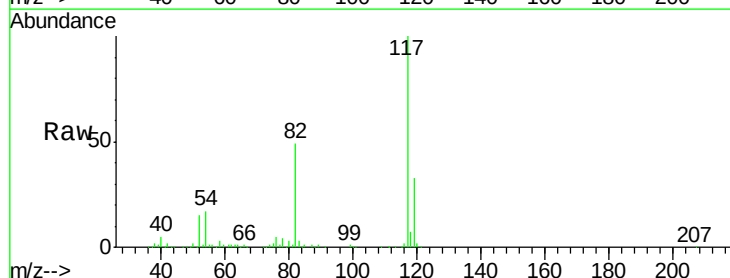
Tgt Ion: 117 Resp: 349232

Ion Ratio Lower Upper

117 100

82 49.4 40.2 60.4

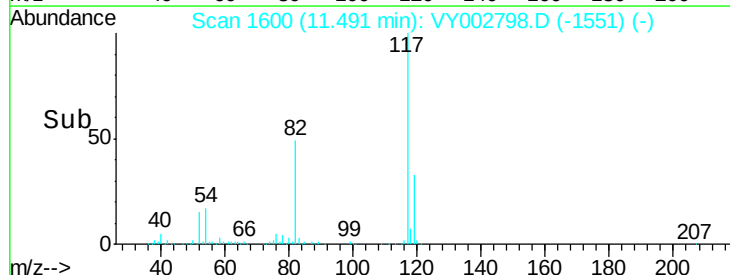
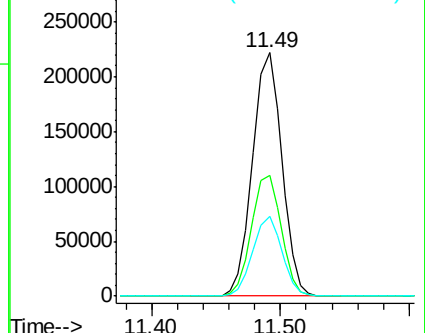
119 32.7 25.8 38.8

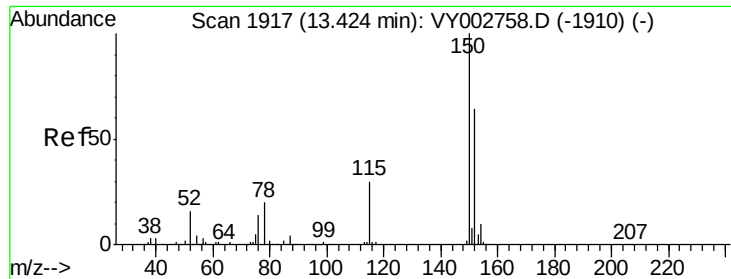


Abundance Ion 116.90 (116.60 to 117.60): VY002758.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY002758.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY002758.D (-1591) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

TEST-HOLE-5-VOC-1.5-2.0

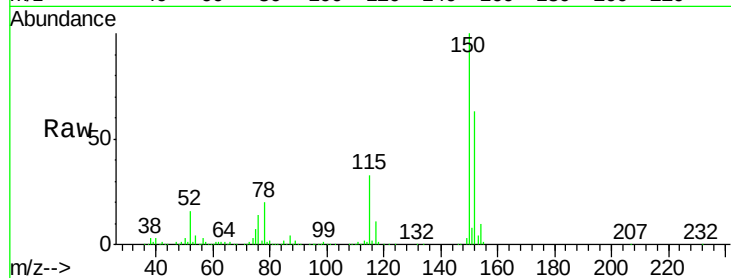
Tgt Ion:152 Resp: 173097

Ion Ratio Lower Upper

152 100

115 53.5 27.0 81.0

150 159.2 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

