

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002909.D
 Acq On : 16 Jun 2020 14:58
 Operator : SY/MD
 Sample : L3022-01
 Misc : 6.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HLP-A

Quant Time: Jun 17 02:41:55 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

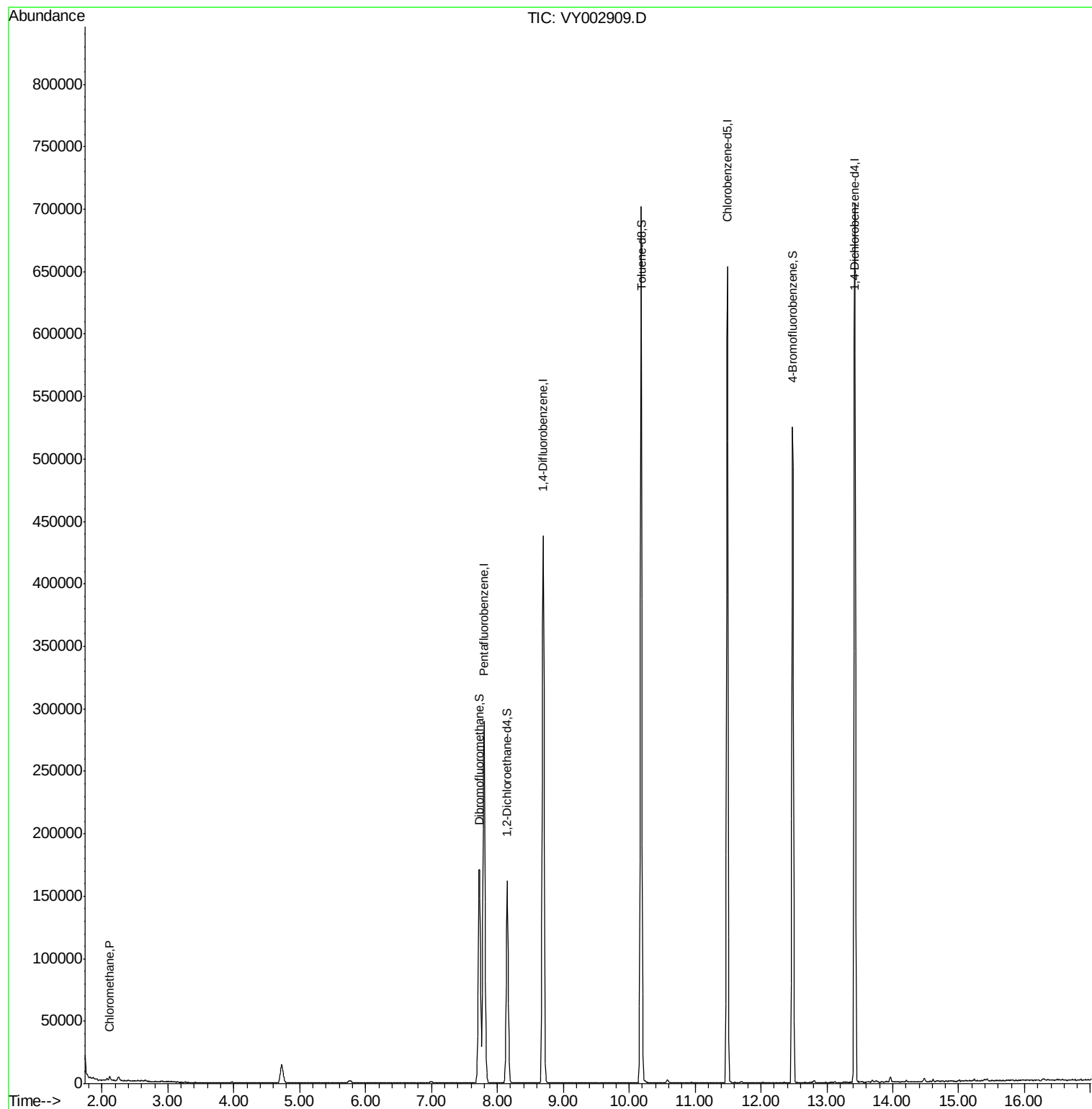
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	400588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	380197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	191651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123851	57.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.42%	
35) Dibromofluoromethane	7.72	113	123979	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
50) Toluene-d8	10.18	98	467066	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.48	95	162122	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
Target Compounds						
3) Chloromethane	2.12	50	3160	1.680	ug/l #	Qvalue 88

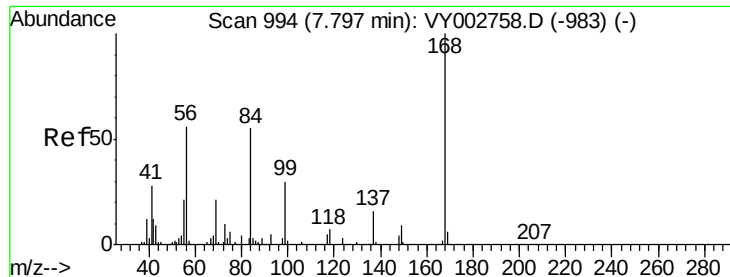
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
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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: VY002909.D

Acq: 16 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

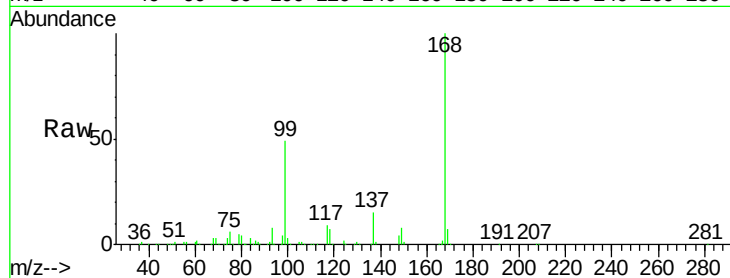
HLP-A

Tot Ion:168 Resp: 247171

Ion Ratio Lower Upper

168 100

99 49.0 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

120000

100000

80000

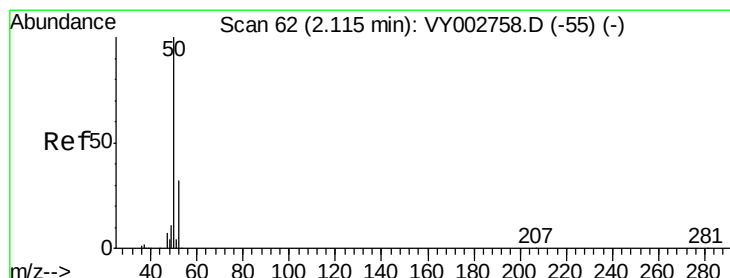
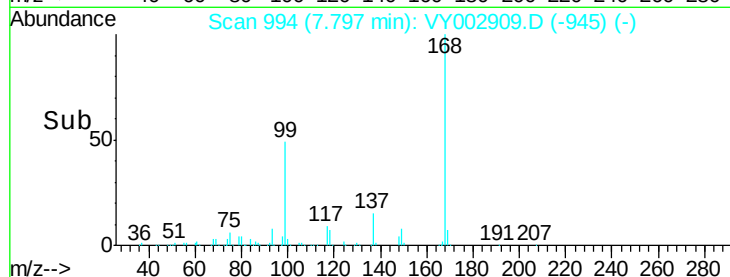
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#3

Chloromethane

Concen: 1.680 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002909.D

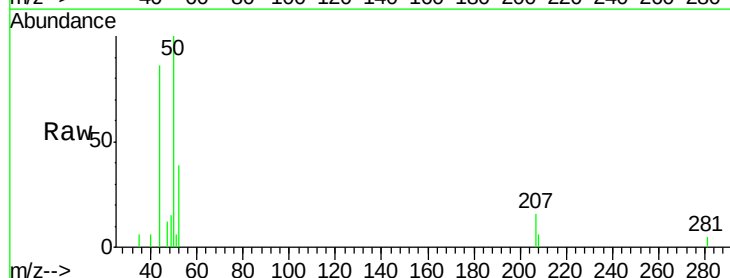
Acq: 16 Jun 2020 14:58

Tgt Ion: 50 Resp: 3160

Ion Ratio Lower Upper

50 100

52 39.1 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

2000

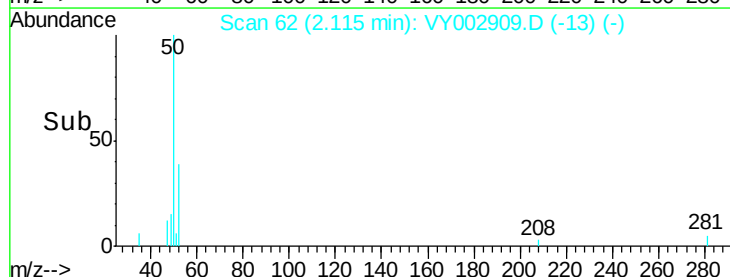
1500

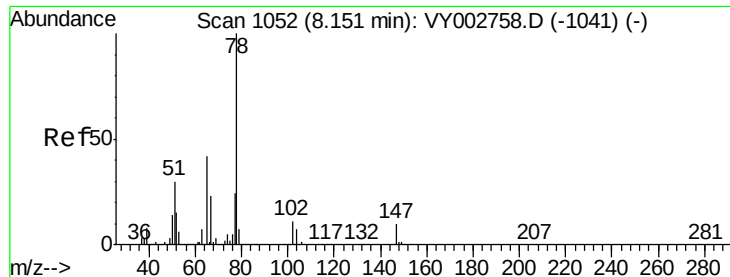
1000

500

0

Time--> 2.05 2.10 2.15

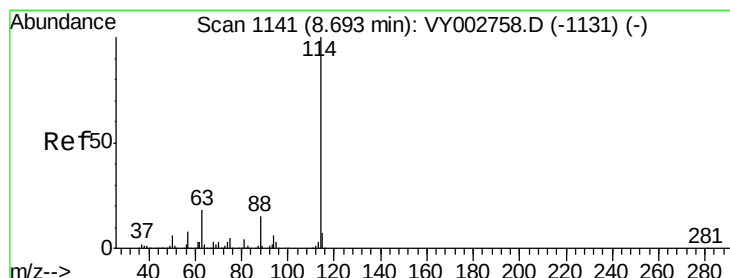
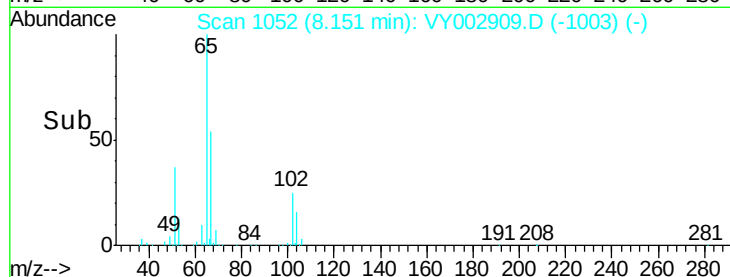
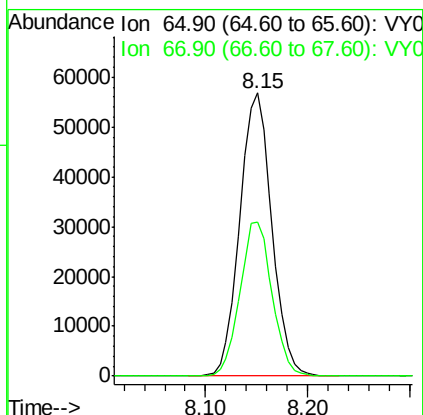
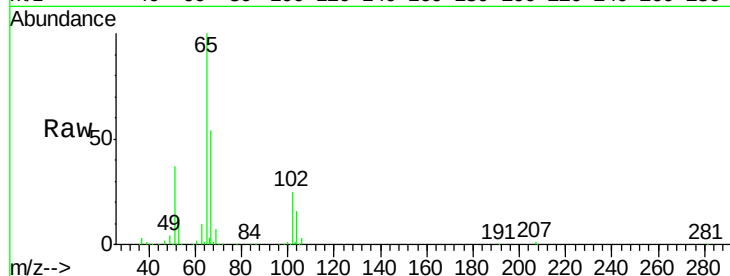




#33
 1,2-Dichloroethane-d4
 Concen: 57.709 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002909.D
 Acq: 16 Jun 2020 14:58

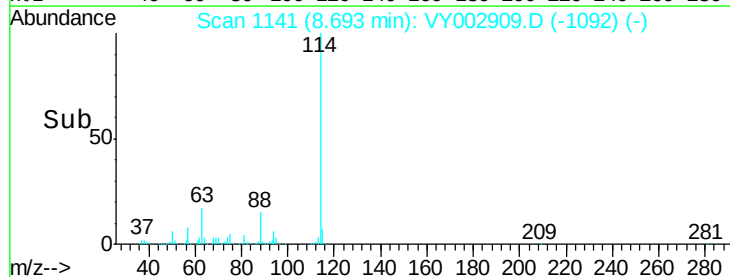
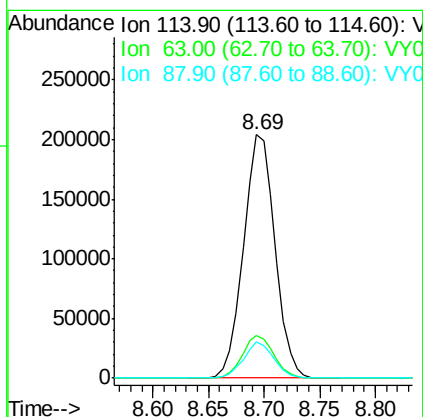
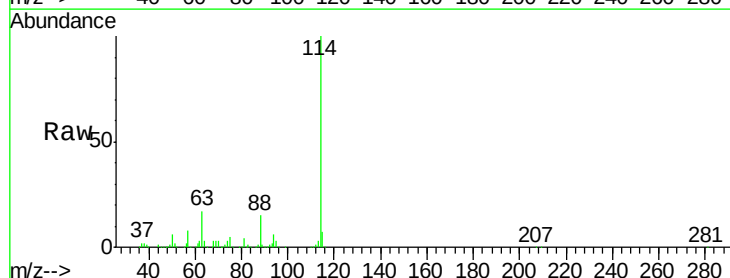
Instrument :
 MSVOA_Y
 ClientSampled :
 HLP-A

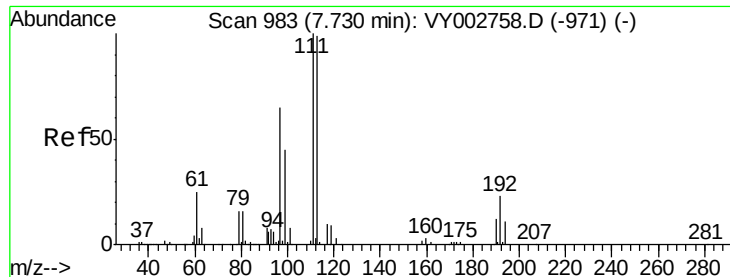
Tot Ion: 65 Resp: 123851
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002909.D
 Acq: 16 Jun 2020 14:58

Tgt Ion: 114 Resp: 400588
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.810 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002909.D

Acq: 16 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampleId :

HLP-A

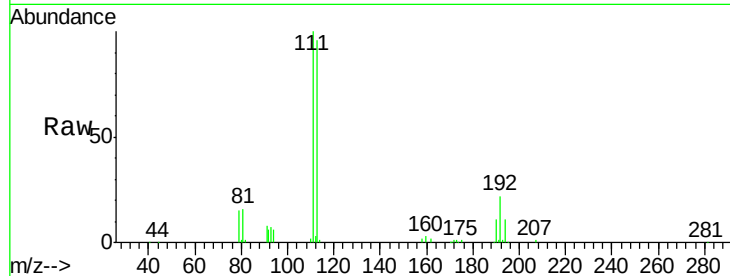
Tot Ion:113 Resp: 123979

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

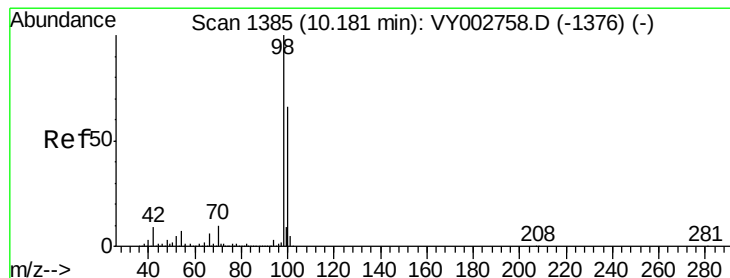
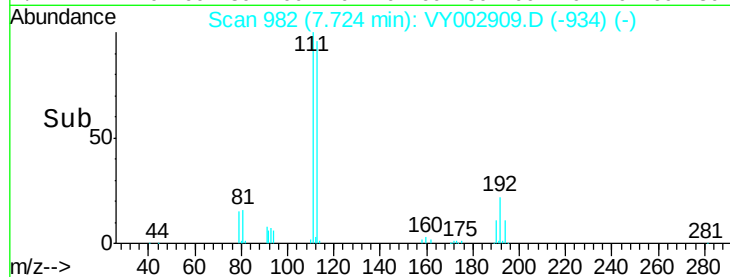
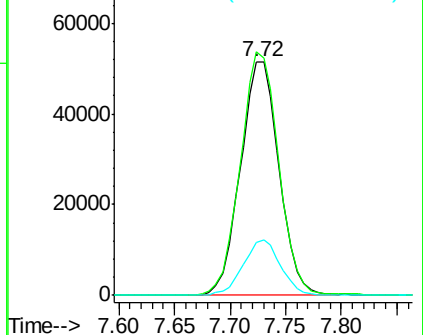
192 23.0 18.9 28.3



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: 49.205 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002909.D

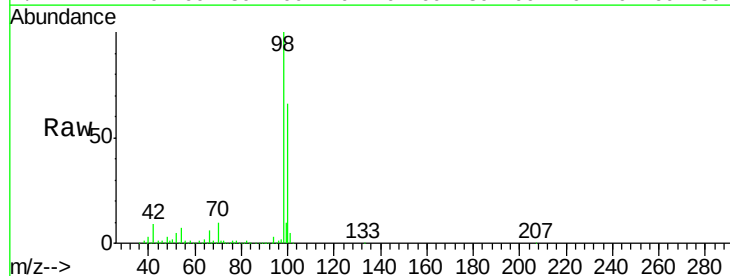
Acq: 16 Jun 2020 14:58

Tgt Ion: 98 Resp: 467066

Ion Ratio Lower Upper

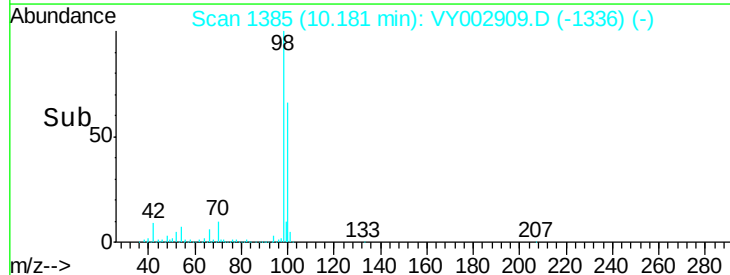
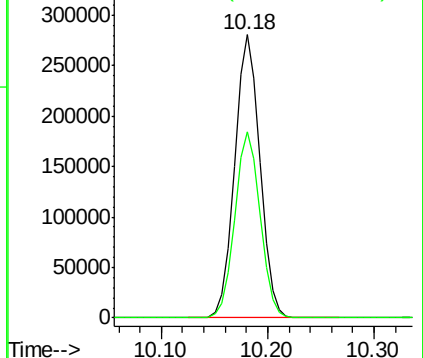
98 100

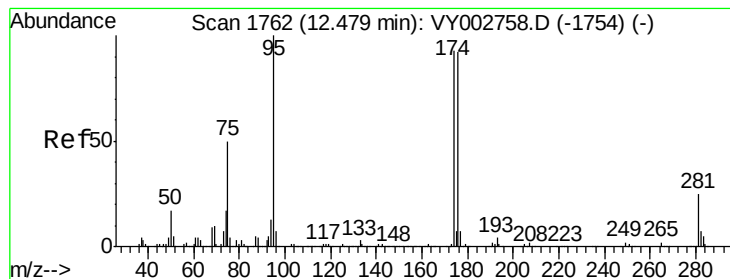
100 65.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 49.977 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002909.D

Acq: 16 Jun 2020 14:58

Instrument :

MSVOA_Y

ClientSampled :

HLP-A

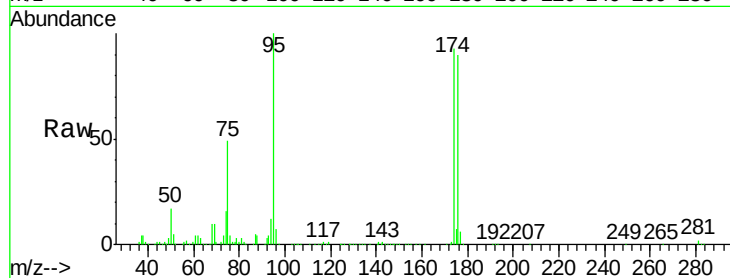
Tot Ion: 95 Resp: 162122

Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.2

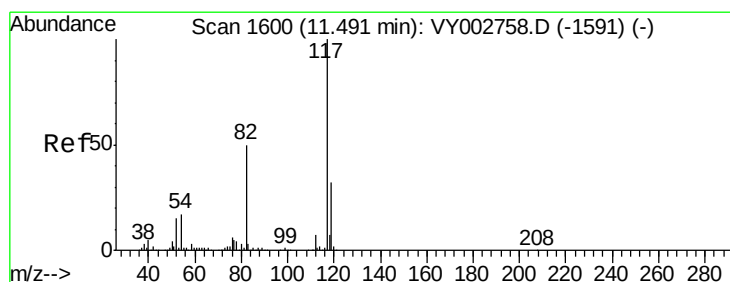
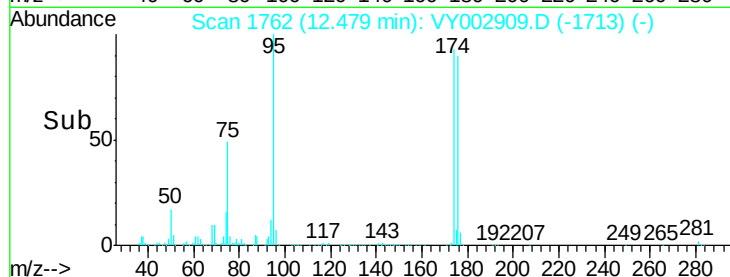
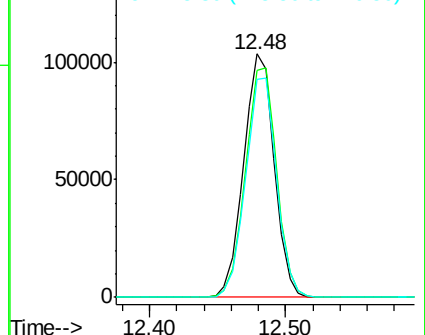
176 91.5 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002909.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002909.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002909.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002909.D

Acq: 16 Jun 2020 14:58

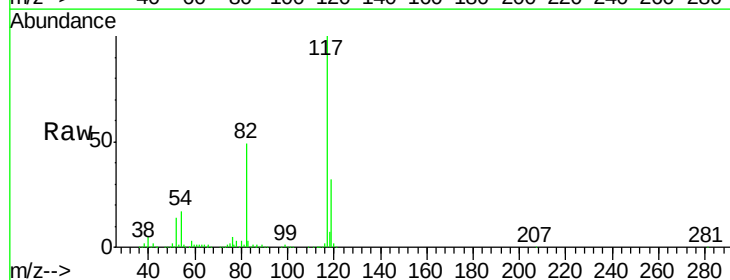
Tgt Ion: 117 Resp: 380197

Ion Ratio Lower Upper

117 100

82 49.3 40.2 60.4

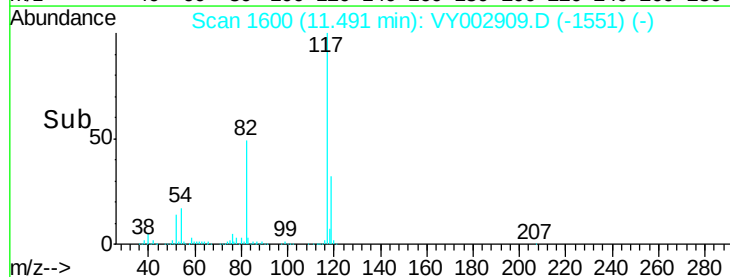
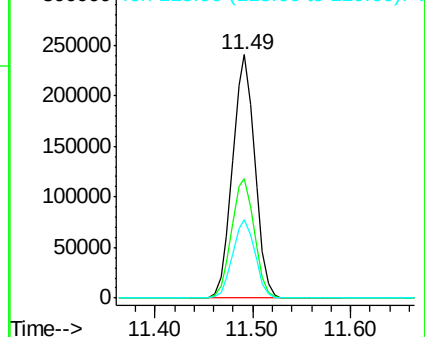
119 32.3 25.8 38.8

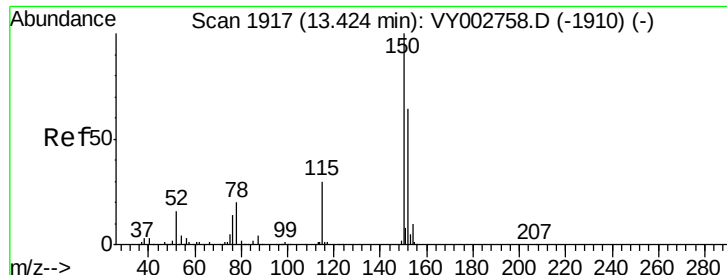


Abundance Ion 116.90 (116.60 to 117.60): VY002909.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002909.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002909.D (-1551) (-)



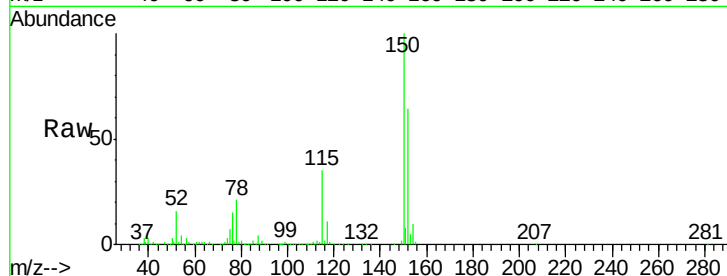


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY002909.D
 Acq: 16 Jun 2020 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 HLP-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.0	81.0
150	157.3	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

