

Data File : VY002969.D
Acq On : 22 Jun 2020 13:23
Operator : SY/MD
Sample : L3046-01
Misc : 7.94G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ISS-A-G1

Quant Time: Jun 26 06:57:36 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

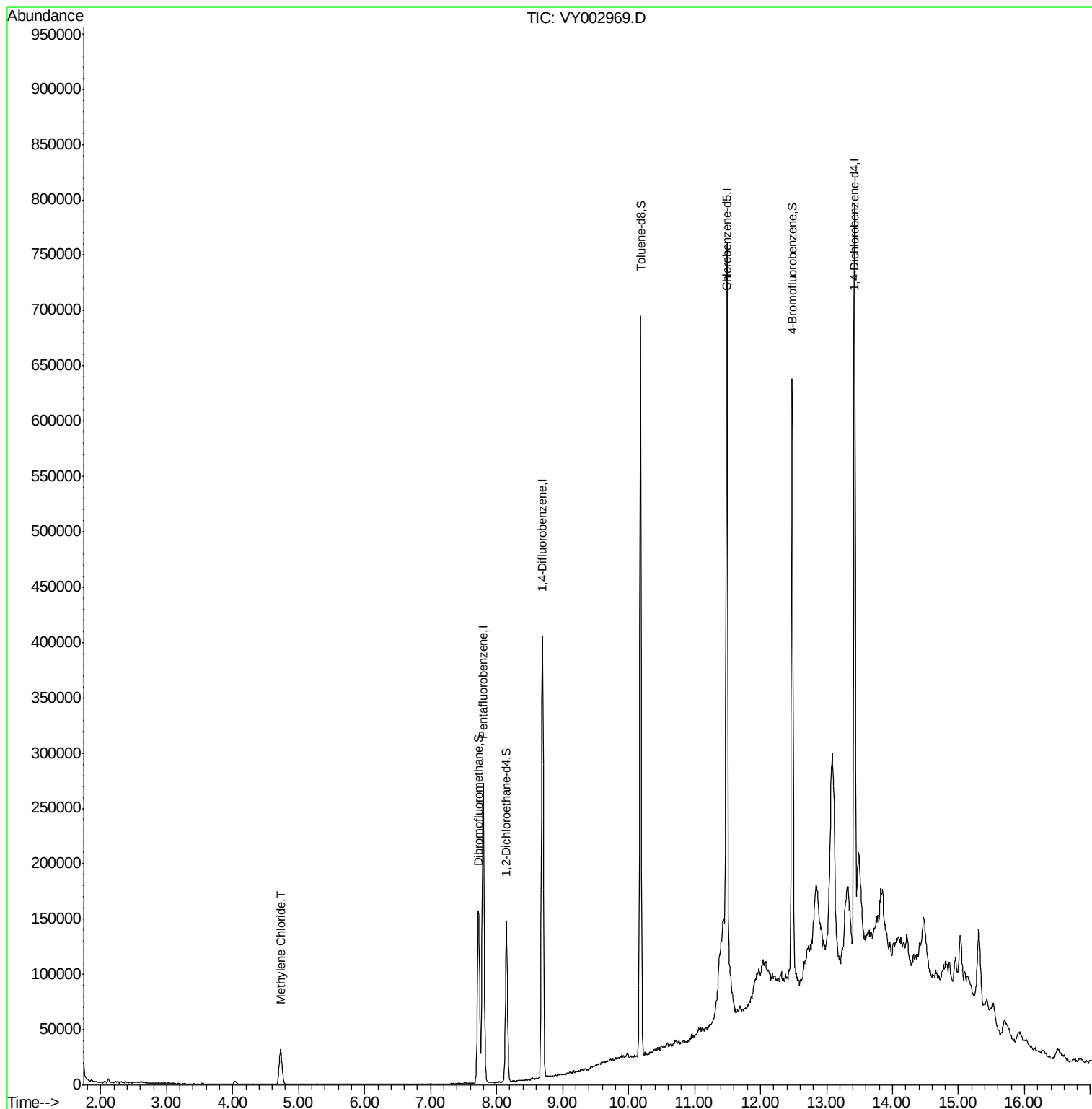
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Pentafluorobenzene	7.80	168	228069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	369627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	367366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	112539	59.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.48%	
35) Dibromofluoromethane	7.72	113	111522	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
50) Toluene-d8	10.18	98	449710	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
62) 4-Bromofluorobenzene	12.48	95	161327	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
Target Compounds						Qvalue
20) Methylene Chloride	4.73	84	26245	5.738	ug/l	90
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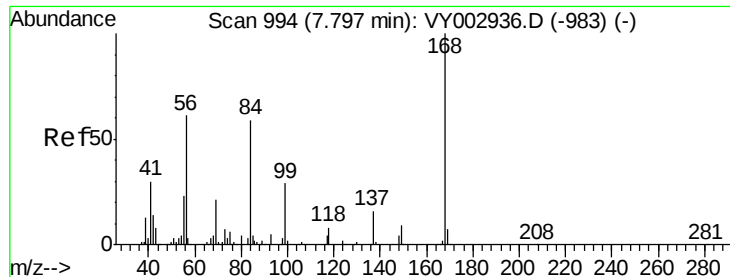
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

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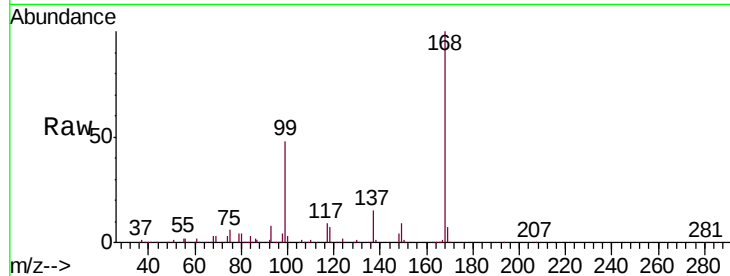
ISS-A-G1

Tgt Ion:168 Resp: 228069

Ion Ratio Lower Upper

168 100

99 47.5 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

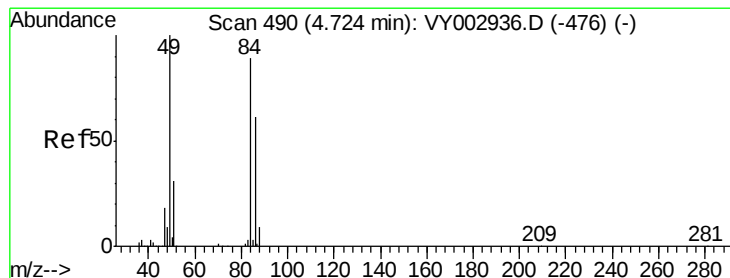
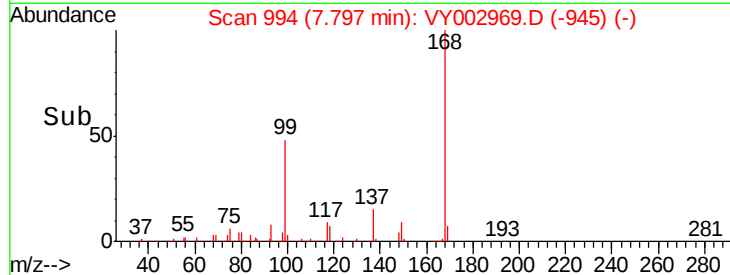
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.738 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

Tgt Ion: 84 Resp: 26245

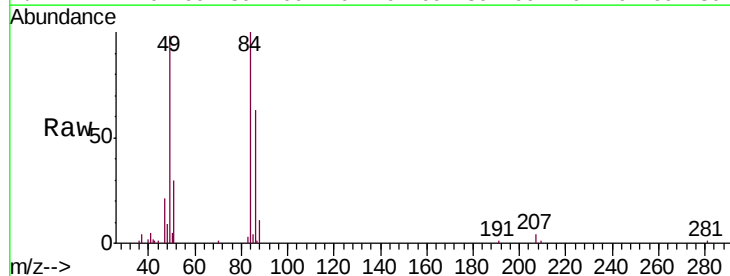
Ion Ratio Lower Upper

84 100

49 98.3 90.0 135.0

51 30.3 27.9 41.9

86 62.9 54.6 81.8



Abundance Ion 83.90 (83.60 to 84.60): VY002936.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY002936.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY002936.D (-476) (-)

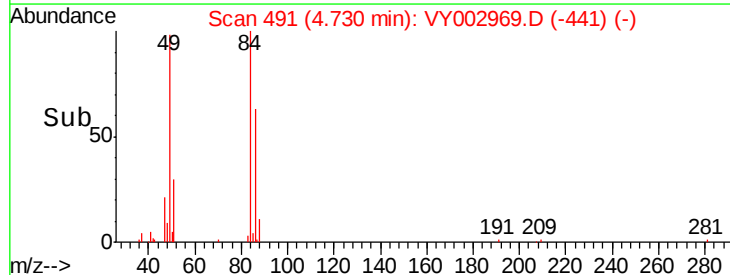
Ion 85.90 (85.60 to 86.60): VY002936.D (-476) (-)

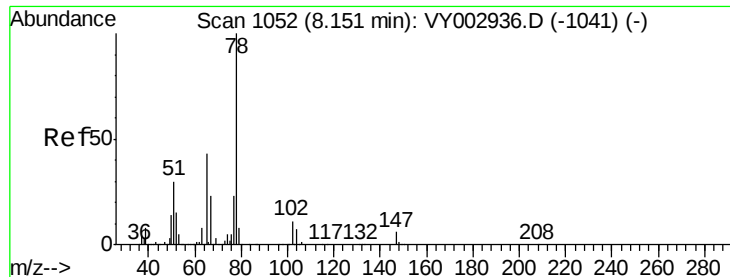
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 59.740 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

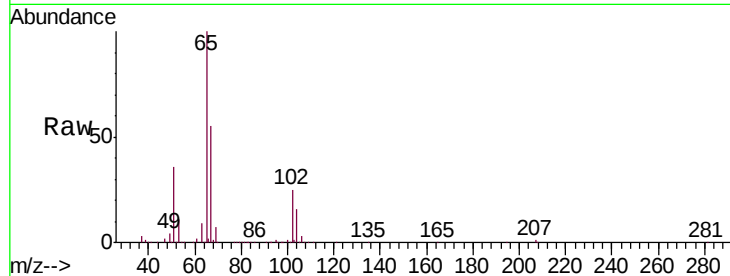
ISS-A-G1

Tgt Ion: 65 Resp: 112539

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY002969.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002969.D (-1003) (-)

8.15

60000

50000

40000

30000

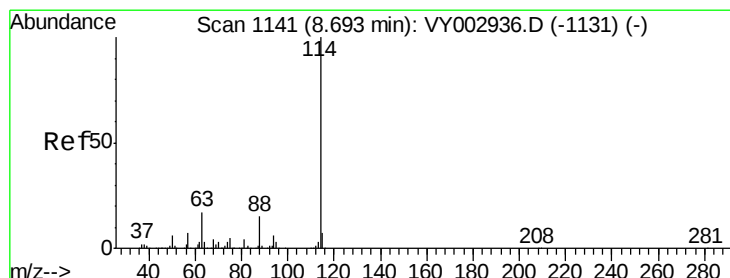
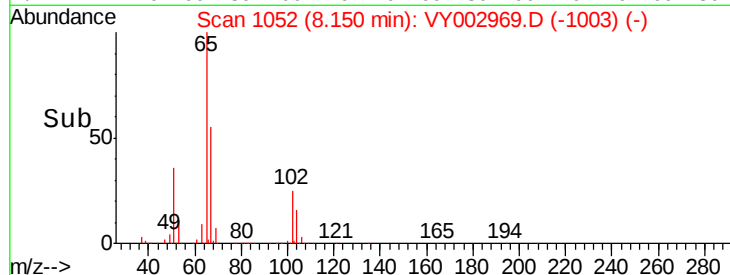
20000

10000

0

8.10 8.20 8.30

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

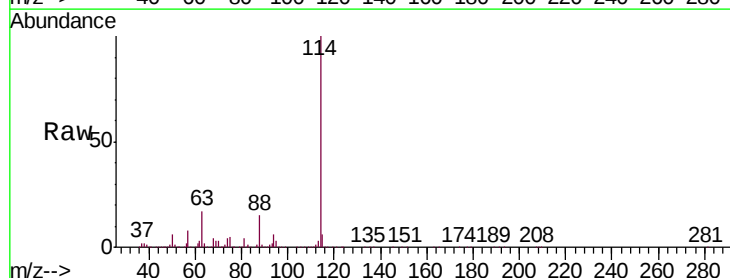
Tgt Ion: 114 Resp: 369627

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.6

88 14.8 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VY002969.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY002969.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY002969.D (-1092) (-)

8.69

250000

200000

150000

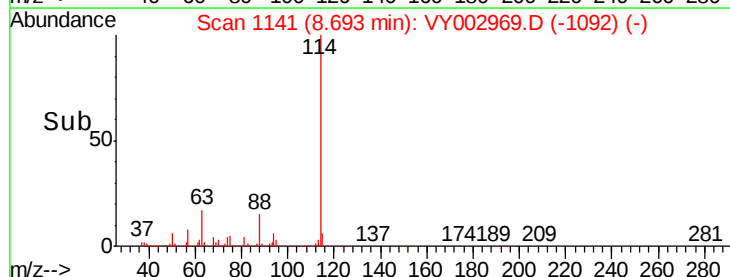
100000

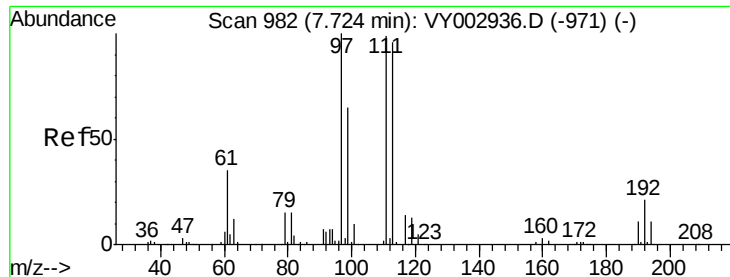
50000

0

8.60 8.70 8.80

Time-->

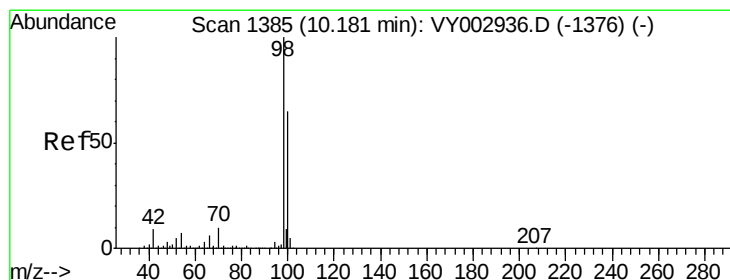
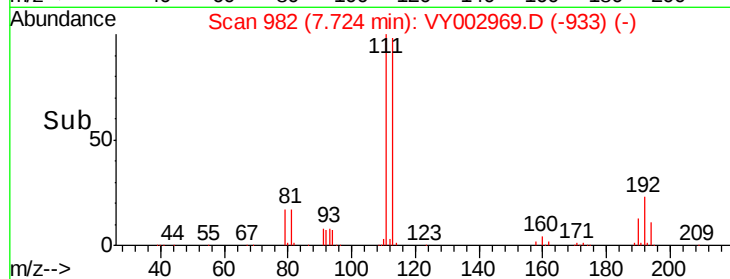
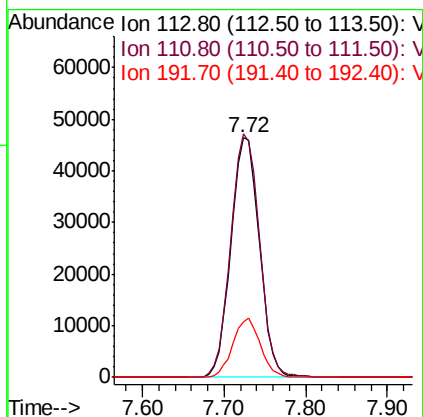
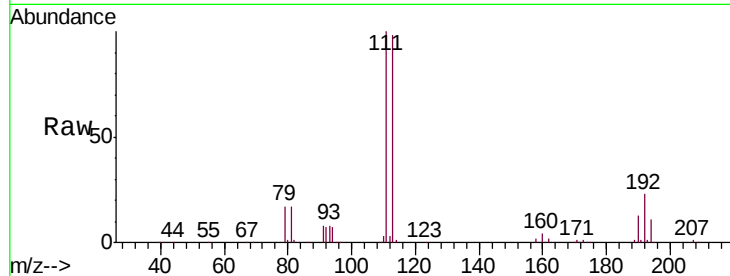




#35
 Dibromofluoromethane
 Concen: 53.323 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002969.D
 Acq: 22 Jun 2020 13:23

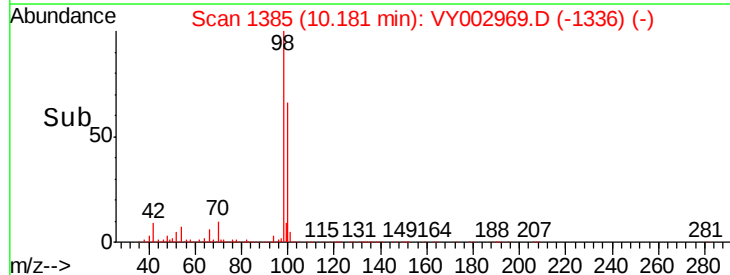
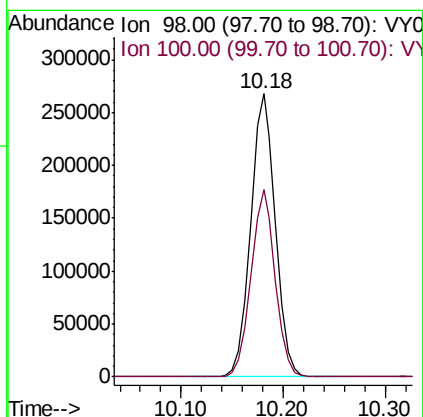
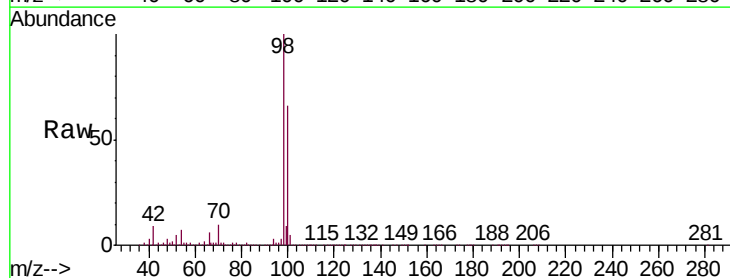
Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-A-G1

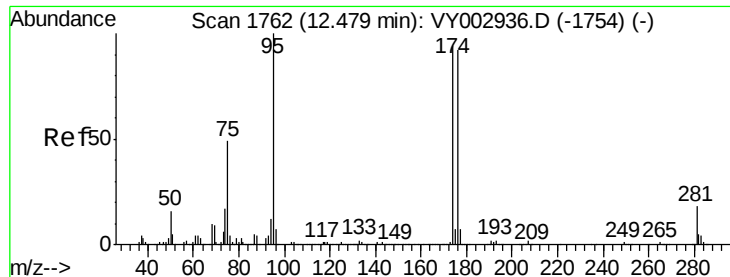
Tgt Ion:113 Resp: 111522
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.5 122.3
 192 23.7 19.2 28.8



#50
 Toluene-d8
 Concen: 54.534 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY002969.D
 Acq: 22 Jun 2020 13:23

Tgt Ion: 98 Resp: 449710
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 56.398 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

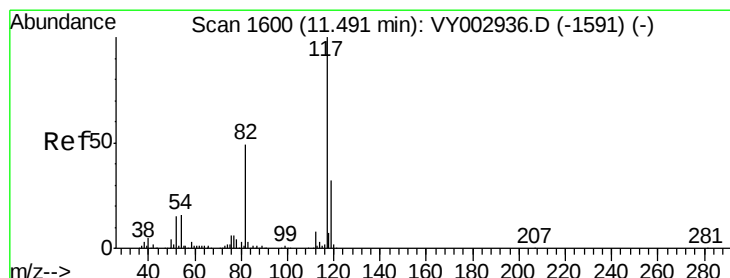
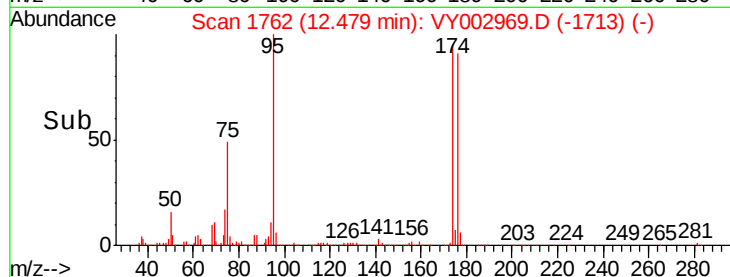
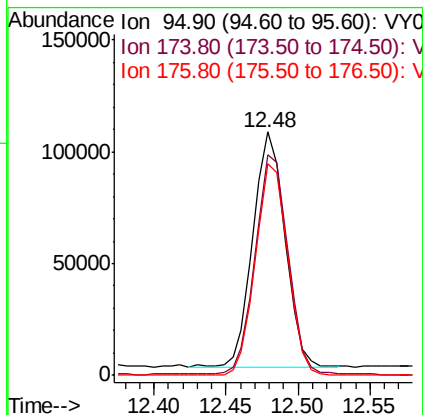
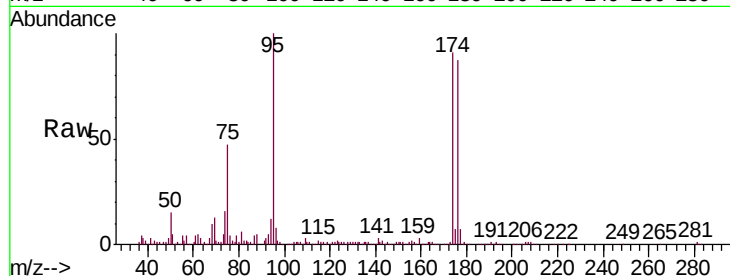
Instrument :

MSVOA_Y

ClientSampled :

ISS-A-G1

Tgt Ion:	95	Resp:	161327
Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	191.2
176	91.0	0.0	186.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

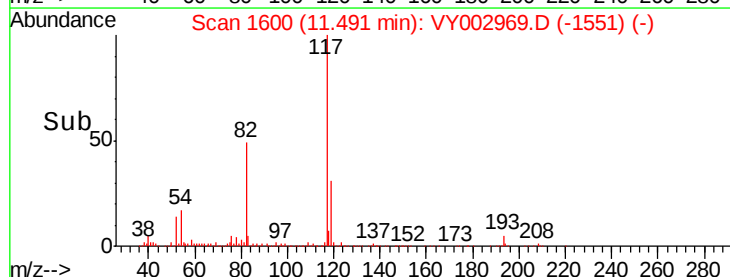
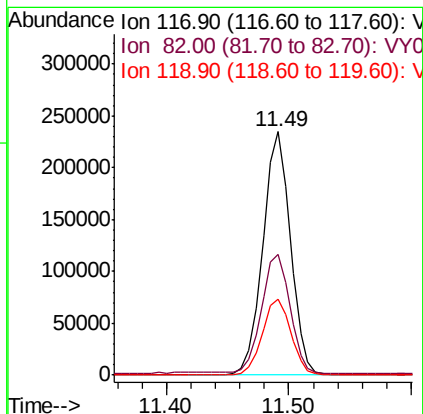
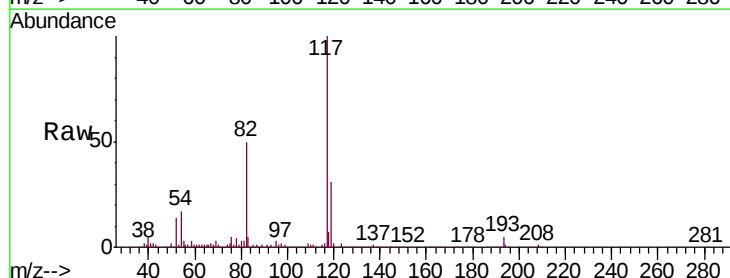
RT: 11.49 min Scan# 1600

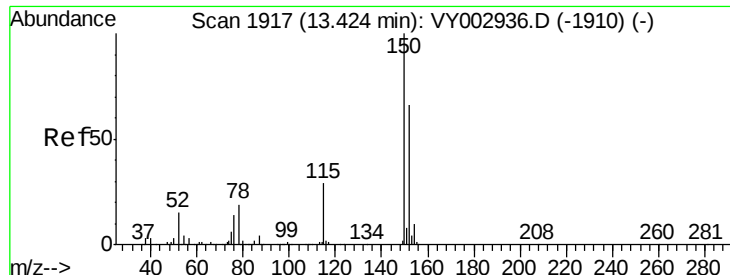
Delta R.T. -0.00 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

Tgt Ion:	117	Resp:	367366
Ion	Ratio	Lower	Upper
117	100		
82	49.0	39.4	59.0
119	30.9	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

ISS-A-G1

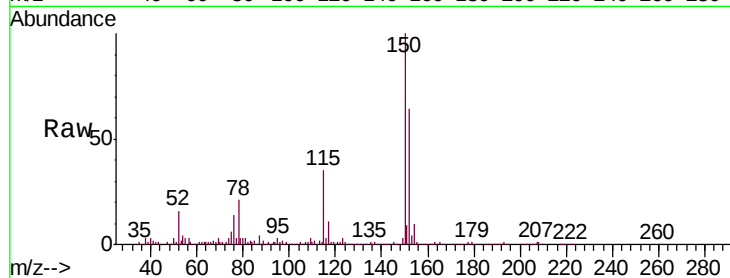
Tgt Ion:152 Resp: 183108

Ion Ratio Lower Upper

152 100

115 53.8 26.9 80.6

150 156.4 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

