

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002969.D
 Acq On : 22 Jun 2020 13:23
 Operator : SY/MD
 Sample : L3046-01RE
 Misc : 7.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-A-G1

Quant Time: Jun 23 08:11:39 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

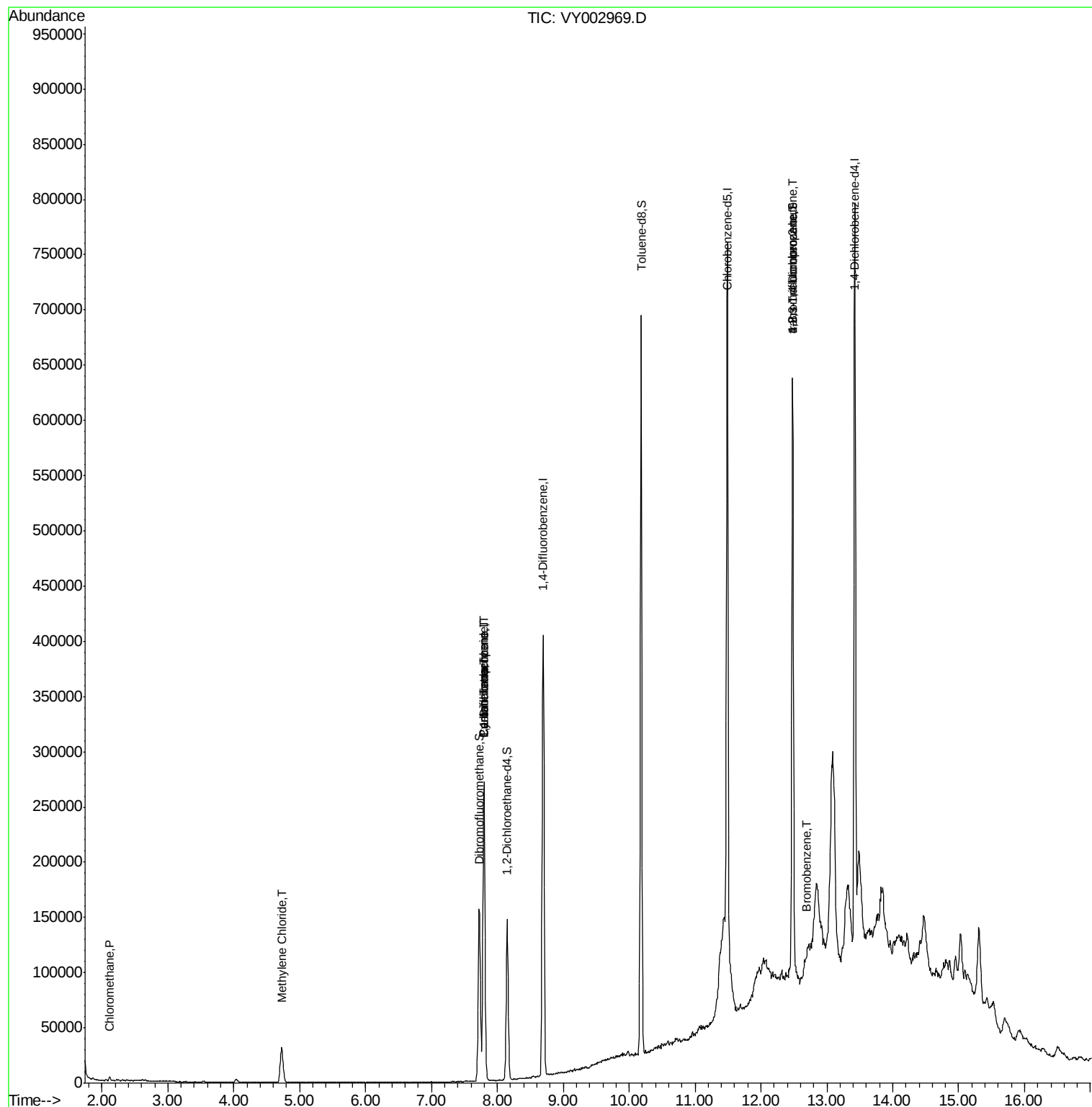
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	228069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	369627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	367366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183108	50.00	ug/l	0.00
System Monitoring Compounds						
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	
3) Chloromethane	2.12	50	3178	1.925	ug/l #	88
18) Methyl Acetate	4.48	43	464	Below Cal	#	67
20) Methylene Chloride	4.73	84	26245	5.738	ug/l	90
31) Cyclohexane	7.79	56	3508	1.084	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14033	4.675	ug/l #	49
38) Carbon Tetrachloride	7.80	117	20460	6.185	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	76718	48.109	ug/l #	100
77) Bromobenzene	12.68	156	9678	3.294	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	76718	91.849	ug/l #	16

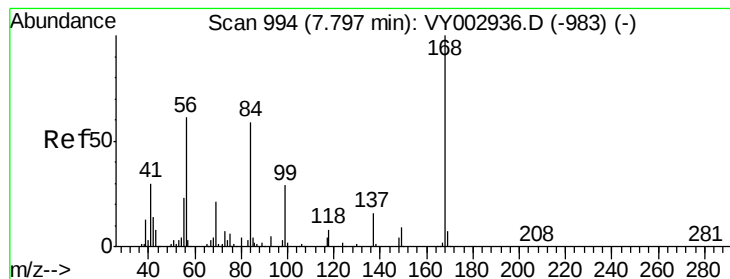
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
Data File : VY002969.D
Acq On : 22 Jun 2020 13:23
Operator : SY/MD
Sample : L3046-01RE
Misc : 7.94G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ISS-A-G1

Quant Time: Jun 23 08:11:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 20 06:39:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

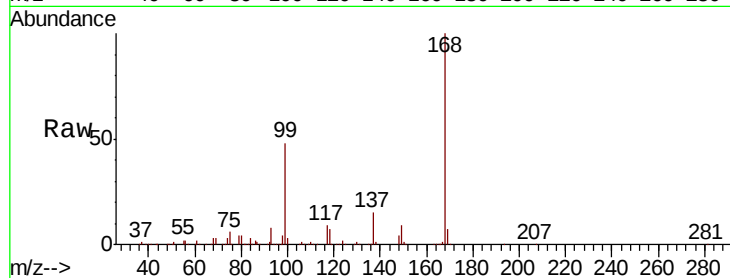
ISS-A-G1

Tot 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

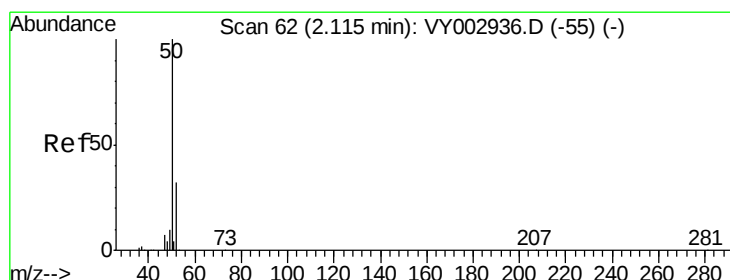
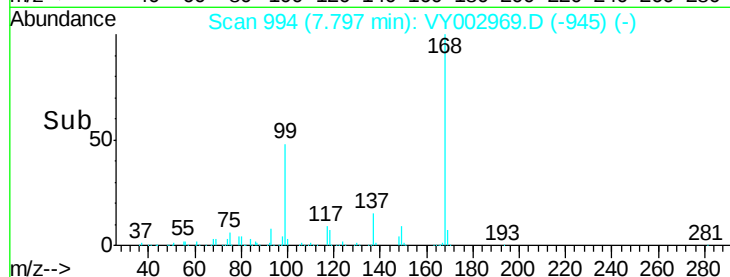
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.925 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002969.D

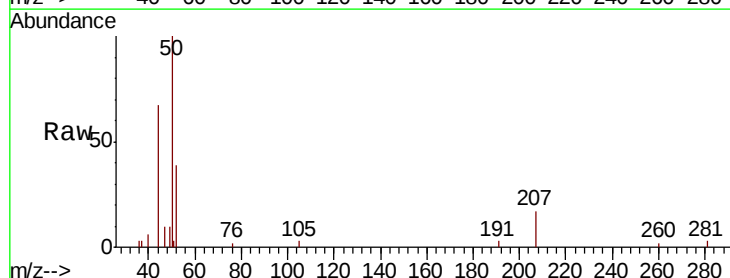
Acq: 22 Jun 2020 13:23

Tgt Ion: 50 Resp: 3178

Ion Ratio Lower Upper

50 100

52 39.1 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

2500

2000

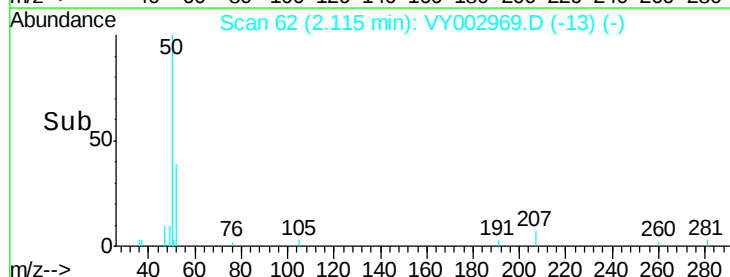
1500

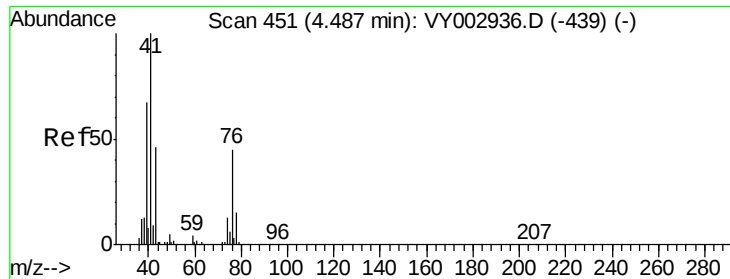
1000

500

0

Time-->

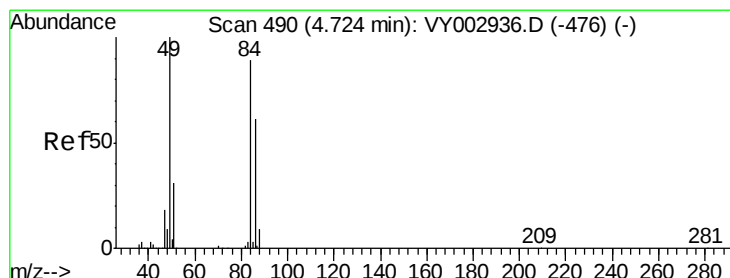
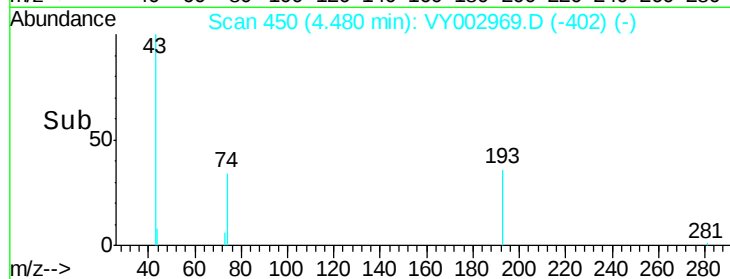
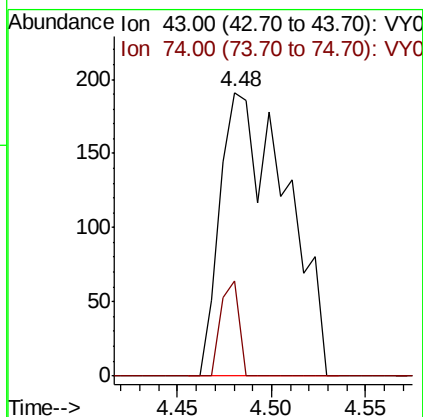
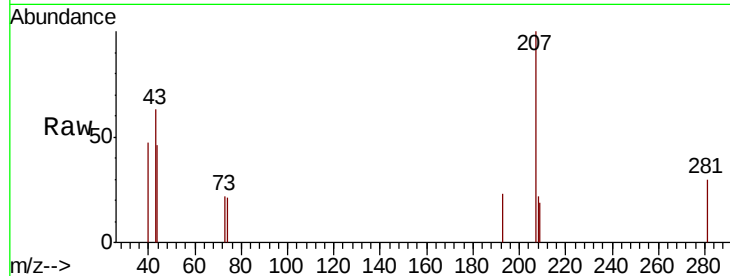




#18
Methyl Acetate
Concen: Below Cal
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY002969.D
Acq: 22 Jun 2020 13:23

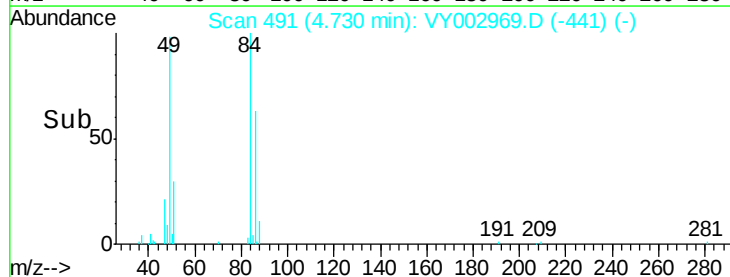
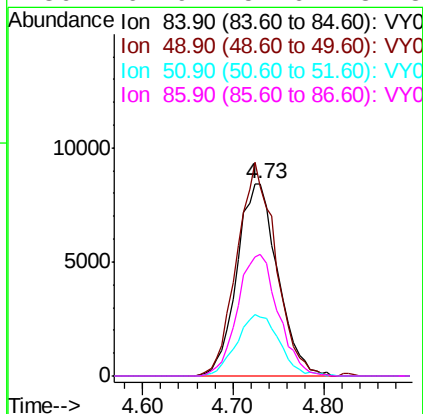
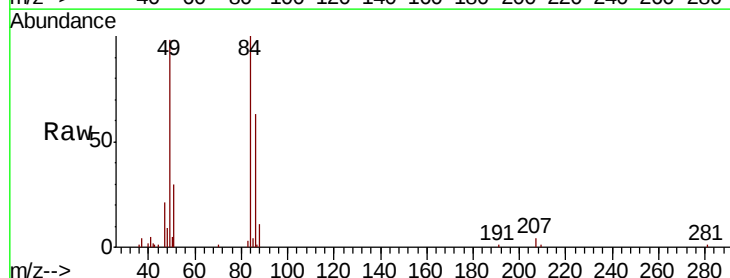
Instrument :
MSVOA_Y
ClientSampled :
ISS-A-G1

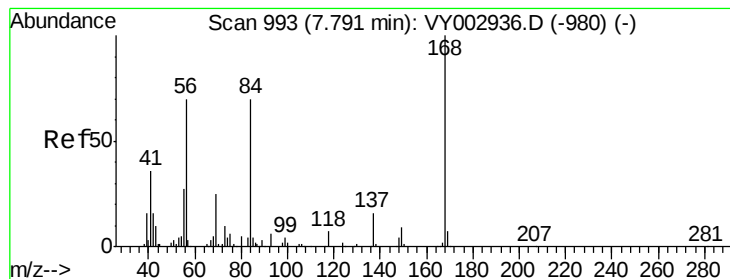
Tot Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
74 9.3 21.1 31.7#



#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





#31

Cyclohexane

Concen: 1.084 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

ISS-A-G1

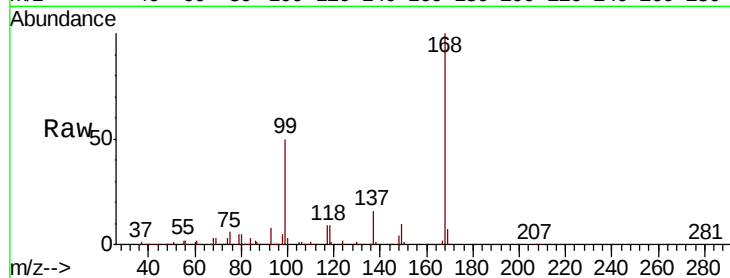
Tot Ion: 56 Resp: 3508

Ion Ratio Lower Upper

56 100

69 181.5 28.9 43.3#

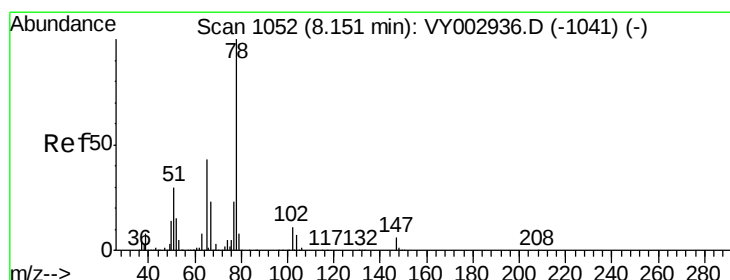
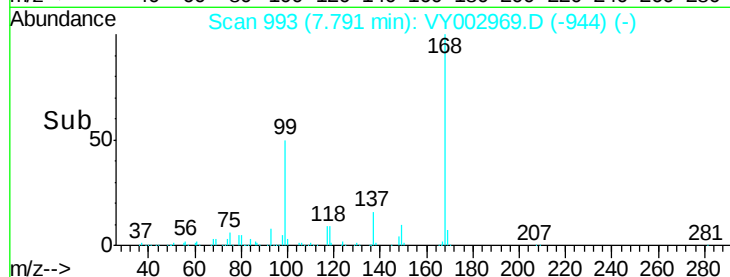
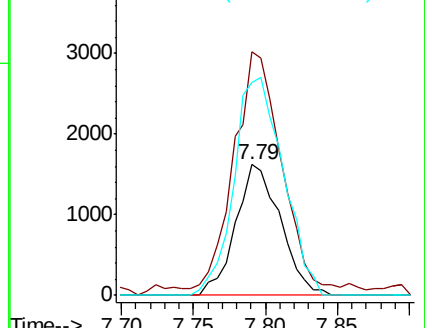
84 163.8 80.1 120.1#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#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

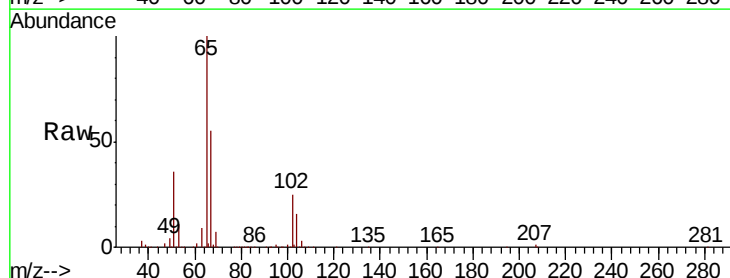
Acq: 22 Jun 2020 13:23

Tgt Ion: 65 Resp: 112539

Ion Ratio Lower Upper

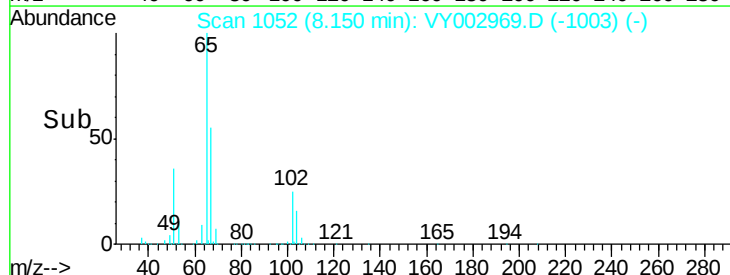
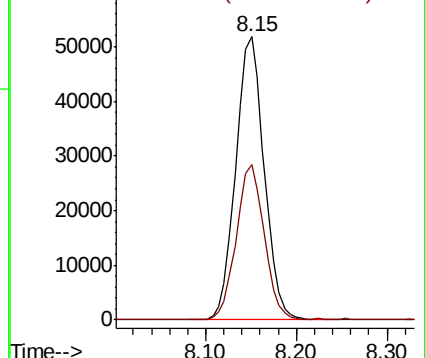
65 100

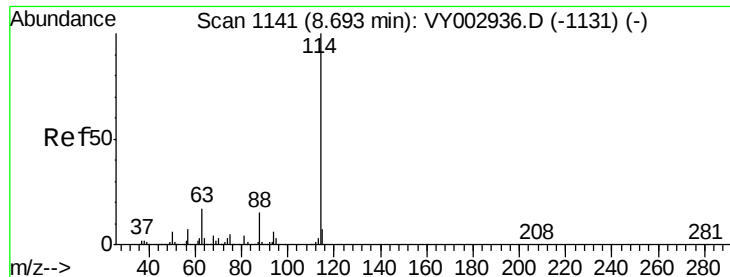
67 53.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

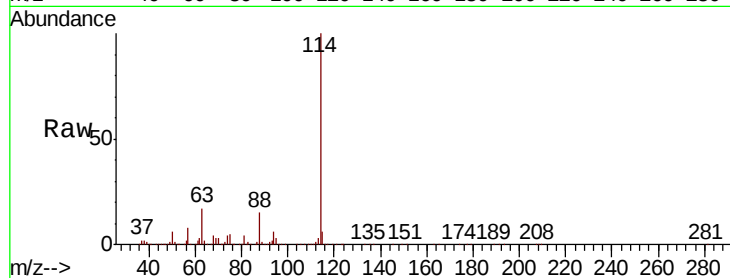




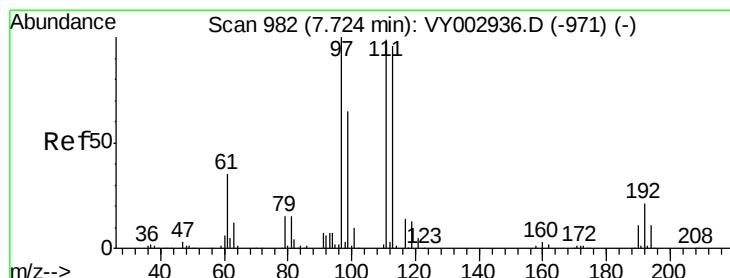
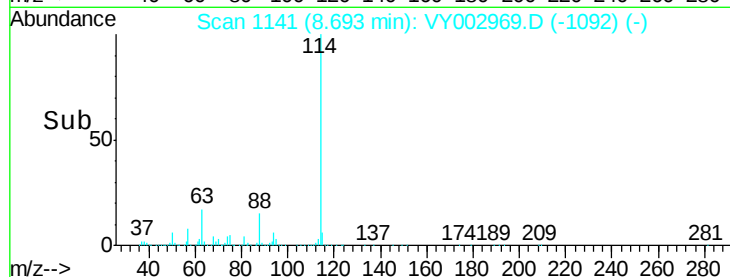
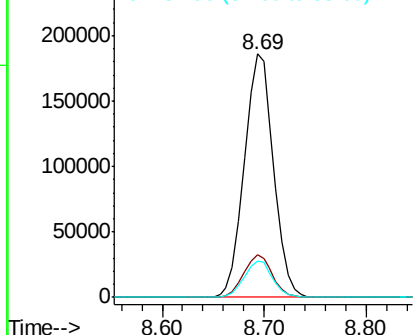
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002969.D
 Acq: 22 Jun 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 ISS-A-G1

Tot Ion:114 Resp: 369627
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.6
 88 14.8 0.0 29.2

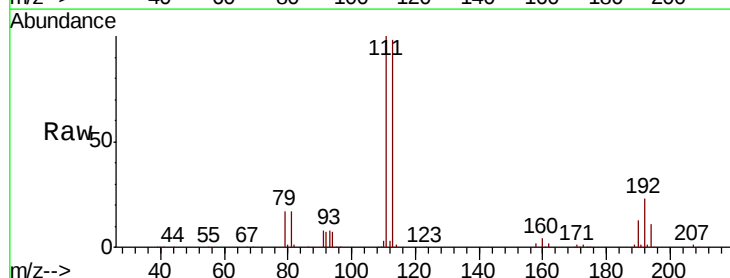


Abundance Ion 113.90 (113.60 to 114.60): V
 250000 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

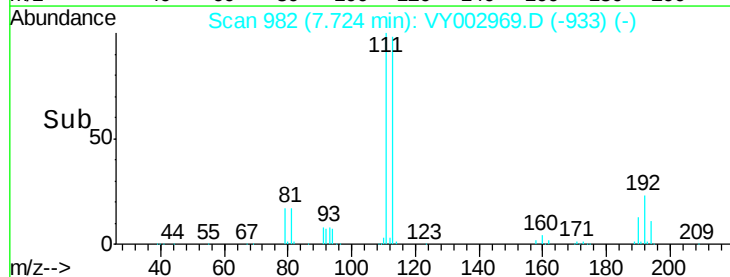
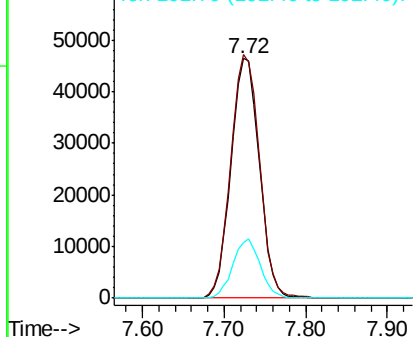


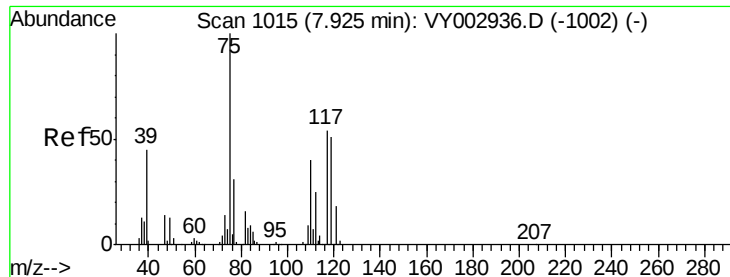
#35
 Dibromofluoromethane
 Concen: 53.323 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002969.D
 Acq: 22 Jun 2020 13:23

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



Abundance Ion 112.80 (112.50 to 113.50): V
 60000 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.675 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

ISS-A-G1

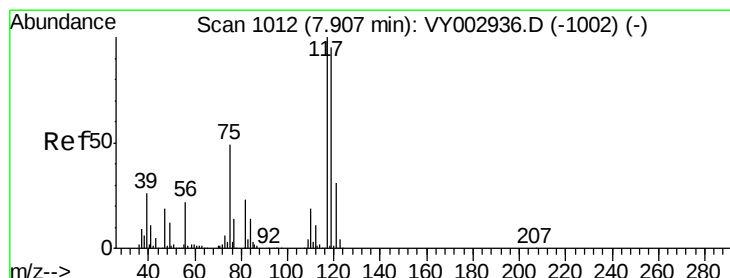
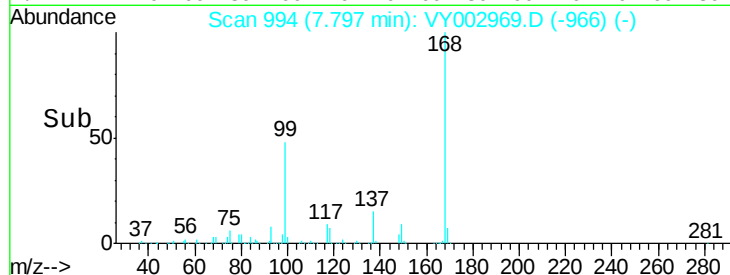
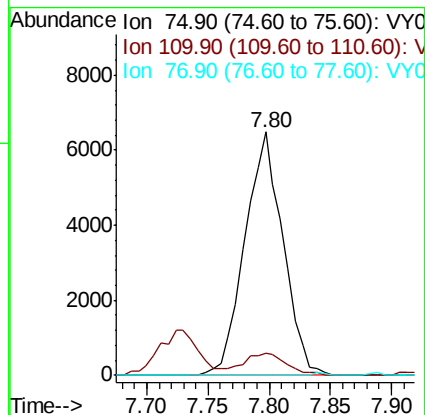
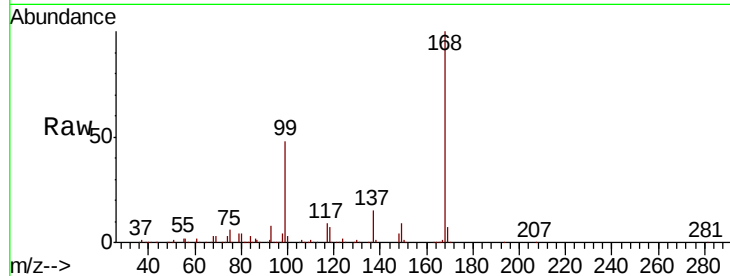
Tot Ion: 75 Resp: 14033

Ion Ratio Lower Upper

75 100

110 10.5 19.7 59.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.185 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

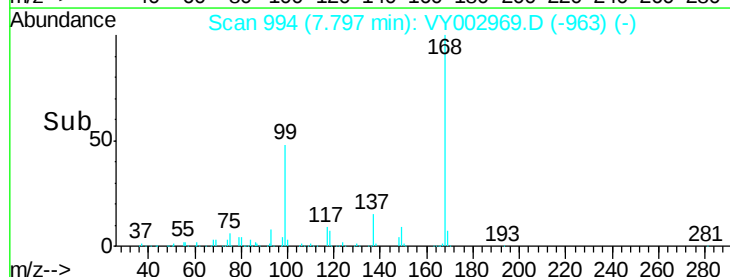
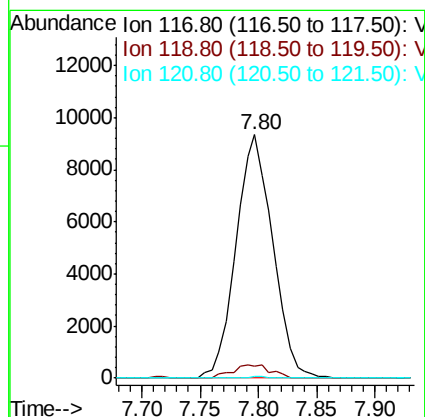
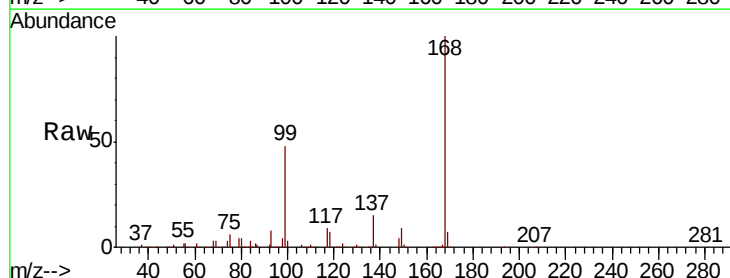
Tgt Ion: 117 Resp: 20460

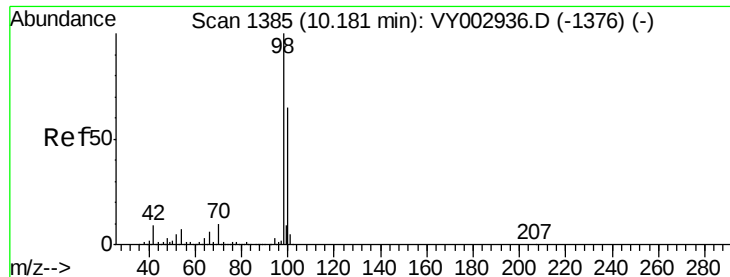
Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.9 24.8 37.2#





#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

Instrument :

MSVOA_Y

ClientSampleId :

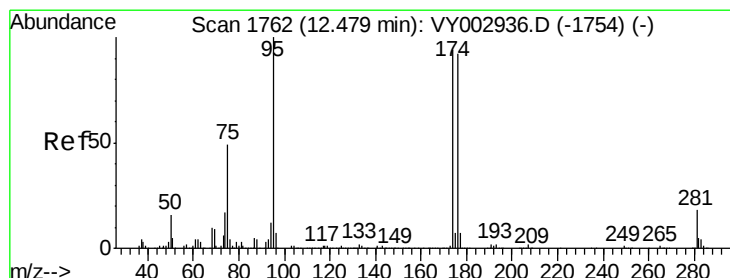
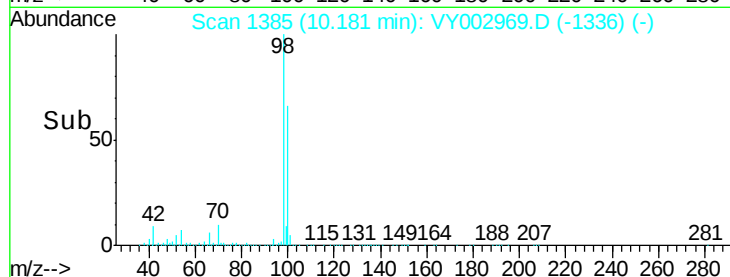
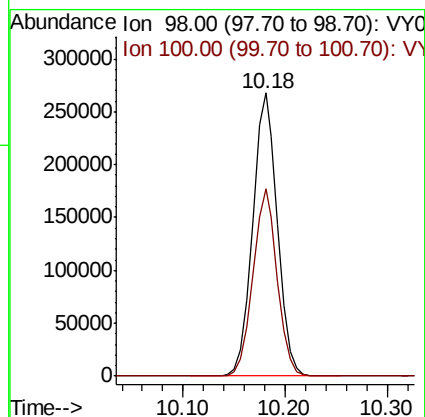
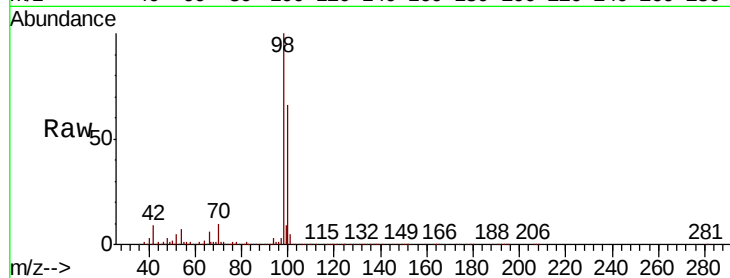
ISS-A-G1

Tot 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

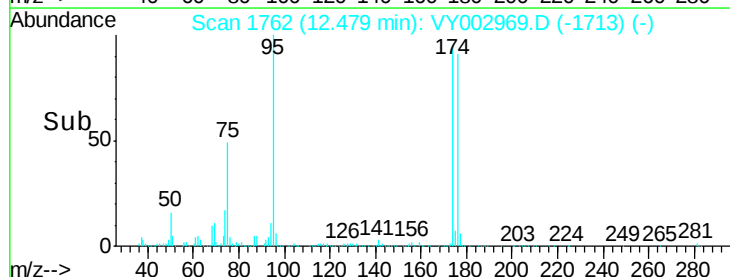
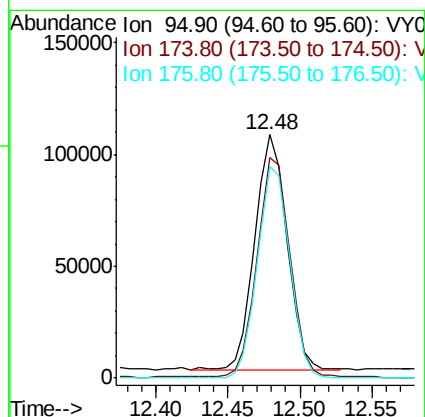
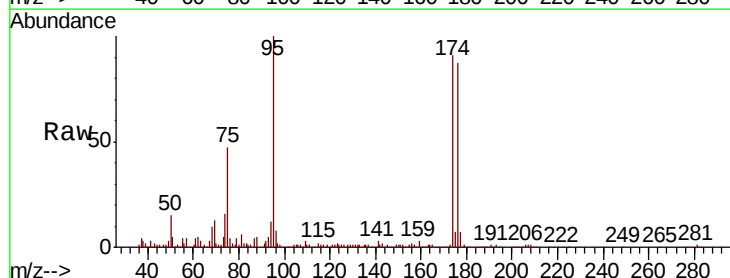
Tgt Ion: 95 Resp: 161327

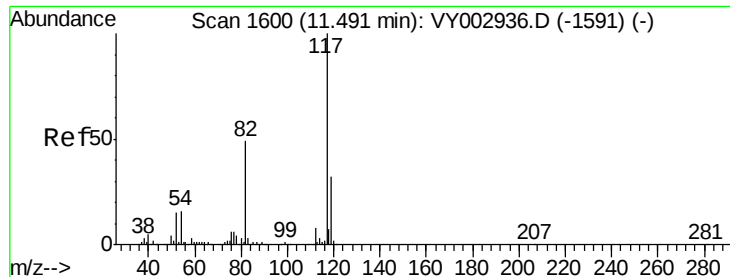
Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.2

176 91.0 0.0 186.0

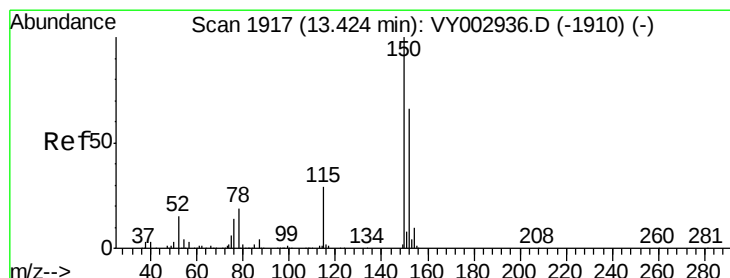
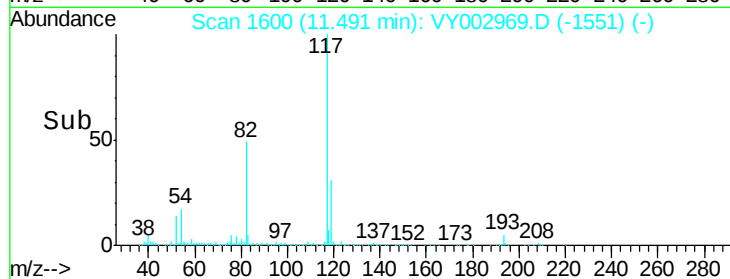
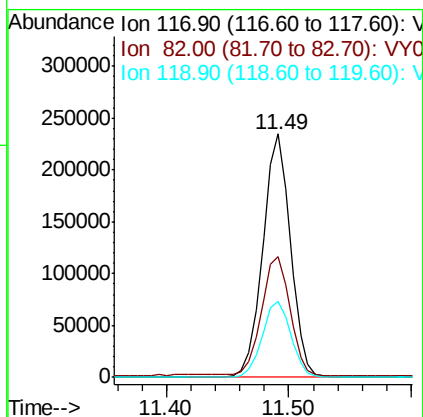
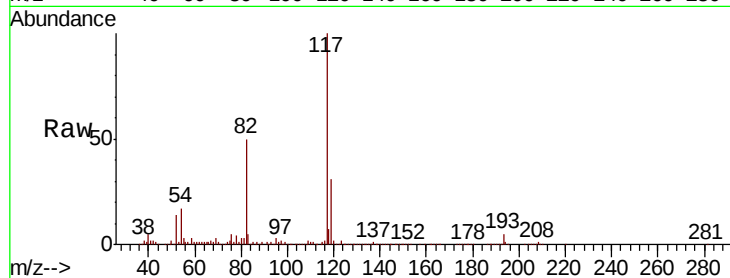




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002969.D
Acq: 22 Jun 2020 13:23

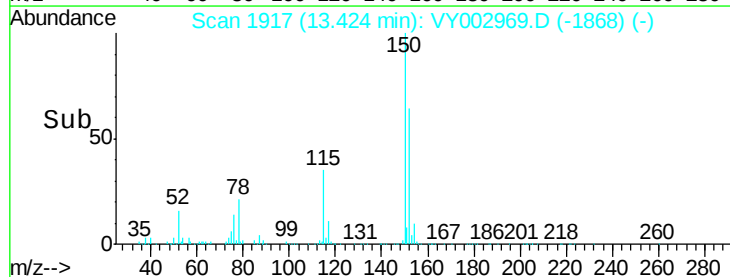
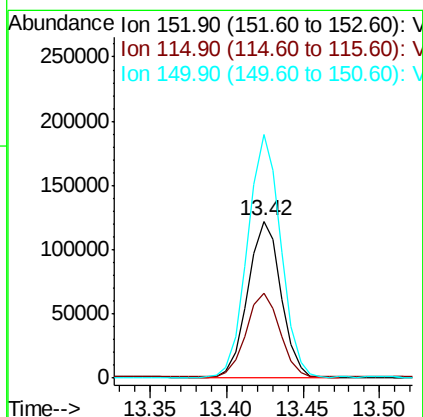
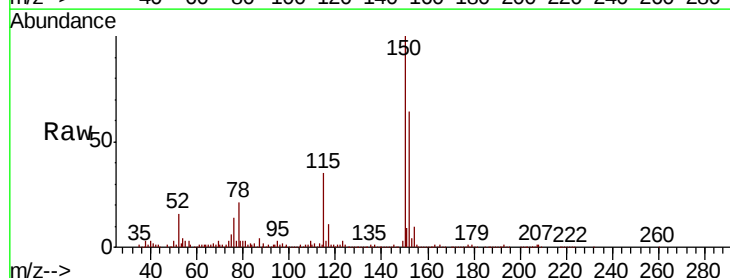
Instrument :
MSVOA_Y
ClientSampleId :
ISS-A-G1

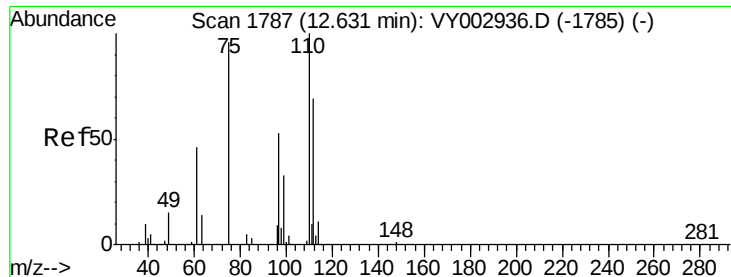
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	39.4	59.0
119	30.9	25.4	38.0



#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

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.9	80.6
150	156.4	0.0	341.8





#76

1,2,3-Trichloropropane

Concen: 48.109 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

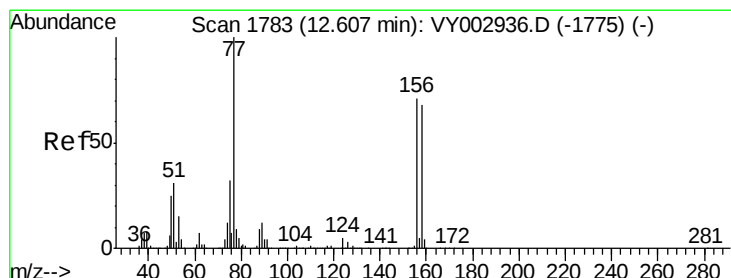
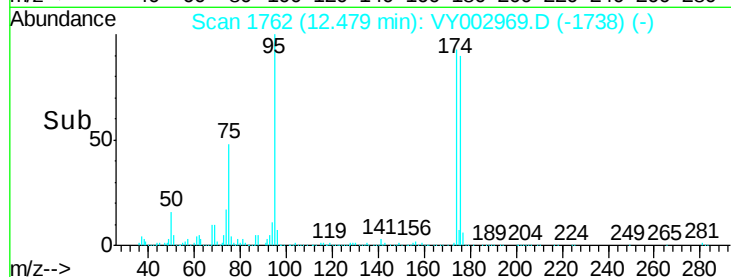
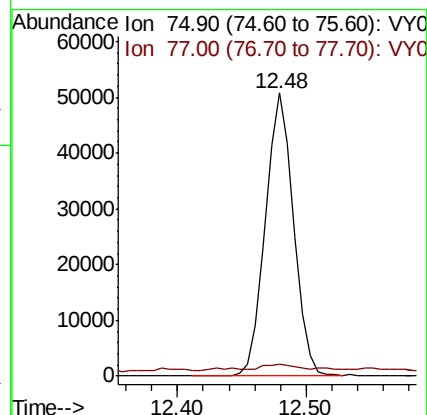
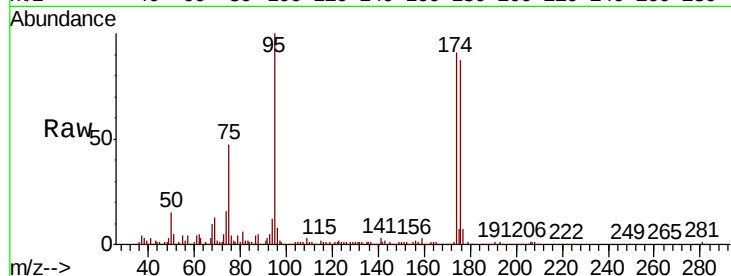
ISS-A-G1

Tot Ion: 75 Resp: 76718

Ion Ratio Lower Upper

75 100

77 3.0 0.0 0.0#



#77

Bromobenzene

Concen: 3.294 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.07 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

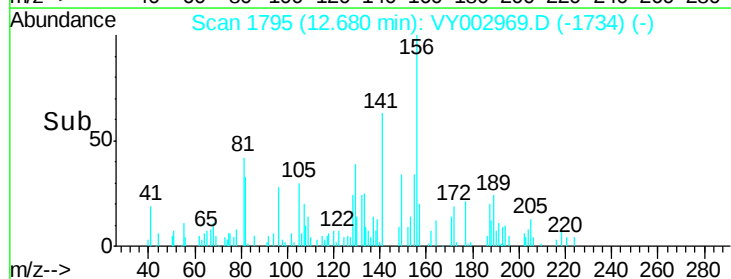
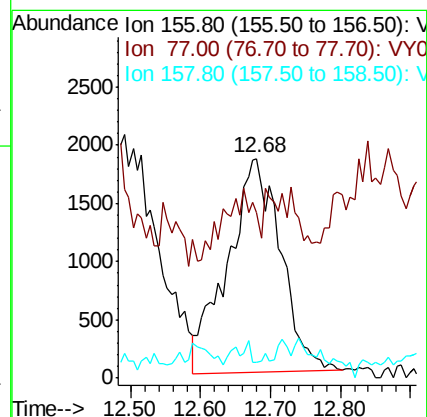
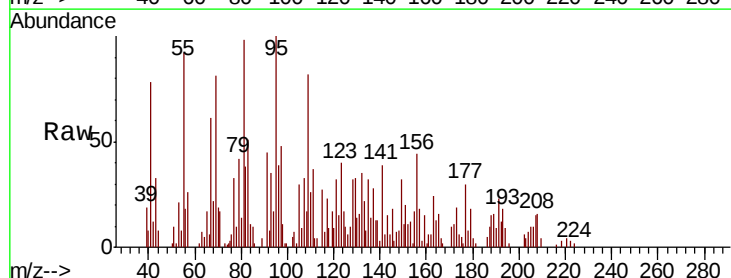
Tgt Ion: 156 Resp: 9678

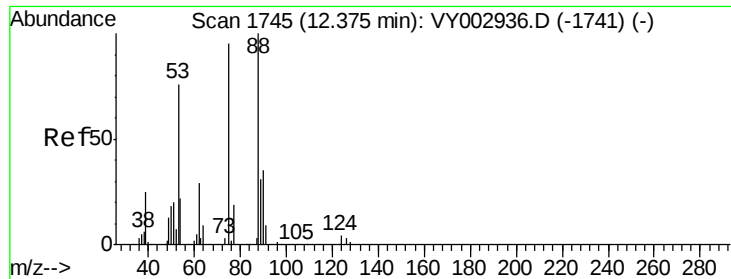
Ion Ratio Lower Upper

156 100

77 5.0 80.5 241.5#

158 0.5 48.2 144.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 91.849 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002969.D

Acq: 22 Jun 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

ISS-A-G1

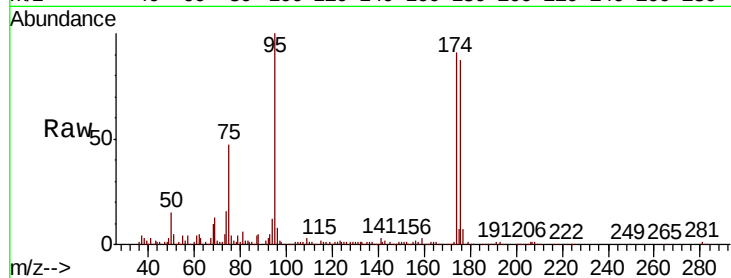
Tot Ion: 75 Resp: 76718

Ion Ratio Lower Upper

75 100

53 0.2 65.1 97.7#

89 0.3 38.4 57.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

