

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003151.D
 Acq On : 09 Jul 2020 18:09
 Operator : SY/MD
 Sample : L3257-03
 Misc : 6.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-MH2

Quant Time: Jul 10 04:42:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

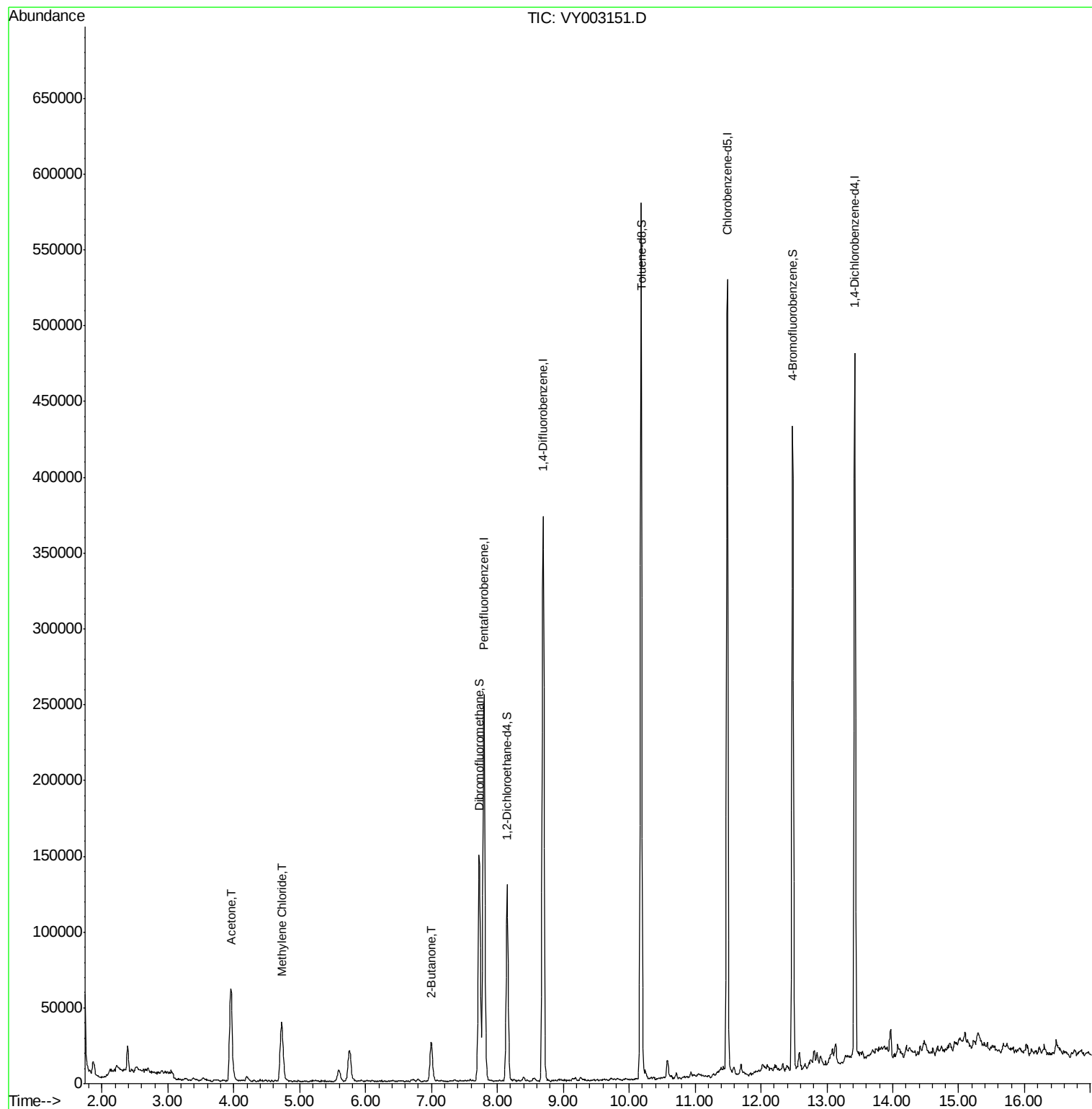
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	209908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	327783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	289584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	122843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	99766	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.72	113	105256	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.18	98	382624	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.48	95	120824	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
Target Compounds						
16) Acetone	3.95	43	108765	221.203	ug/l	98
20) Methylene Chloride	4.73	84	30563	8.086	ug/l	87
25) 2-Butanone	6.99	43	42654	54.610	ug/l	99

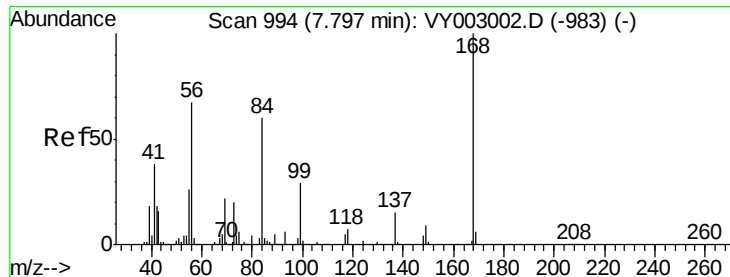
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003151.D

Acq: 09 Jul 2020 18:09

Instrument :

MSVOA_Y

ClientSampleId :

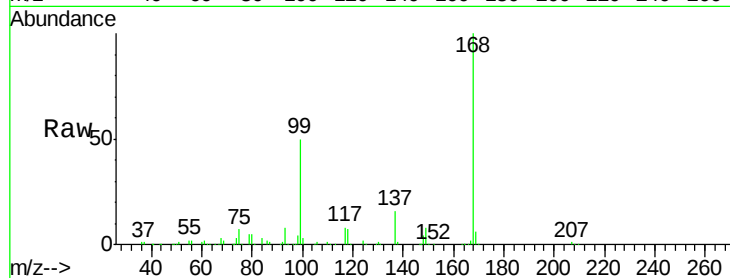
6FT-MH2

Tot Ion:168 Resp: 209908

Ion Ratio Lower Upper

168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003151.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003151.D (-945) (-)

7.80

100000

80000

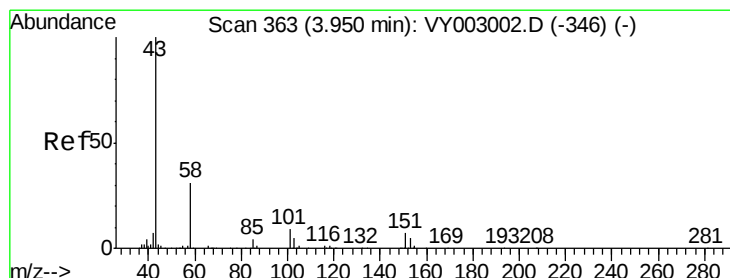
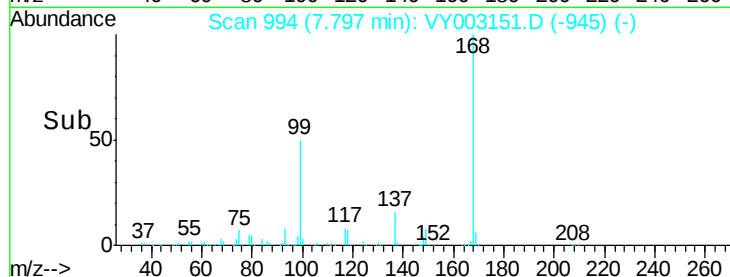
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 221.203 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003151.D

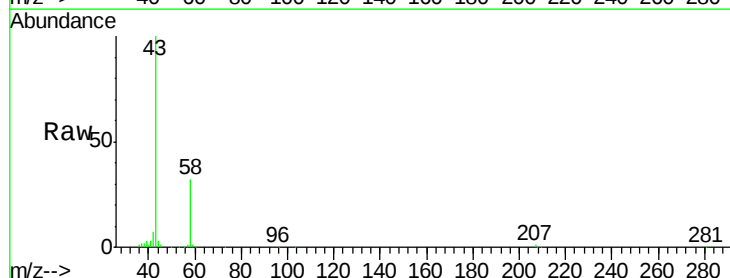
Acq: 09 Jul 2020 18:09

Tgt Ion: 43 Resp: 108765

Ion Ratio Lower Upper

43 100

58 31.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003151.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003151.D (-314) (-)

3.95

40000

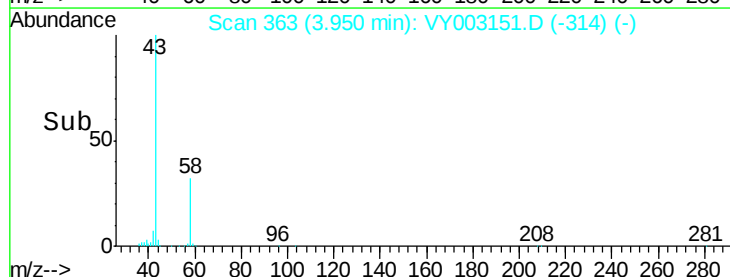
30000

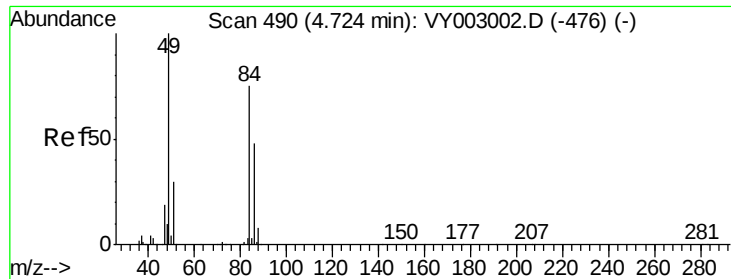
20000

10000

0

Time-->

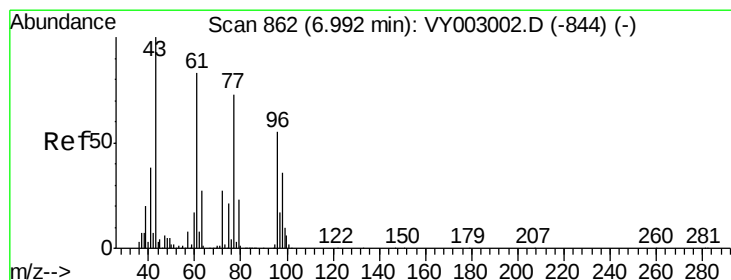
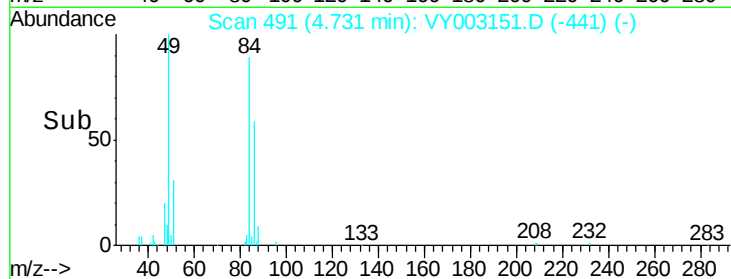
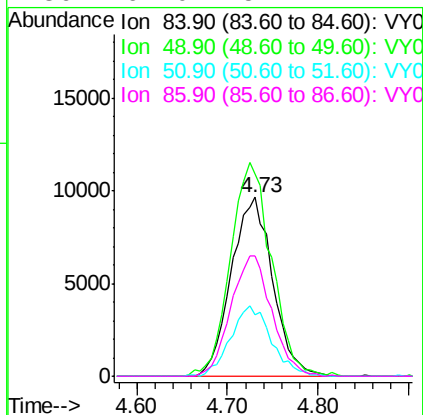
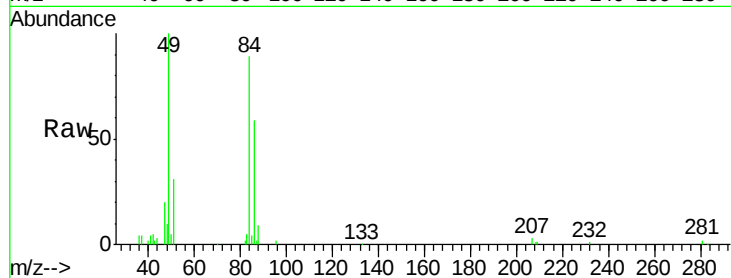




#20
Methvlene Chloride
Concen: 8.086 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003151.D
Acq: 09 Jul 2020 18:09

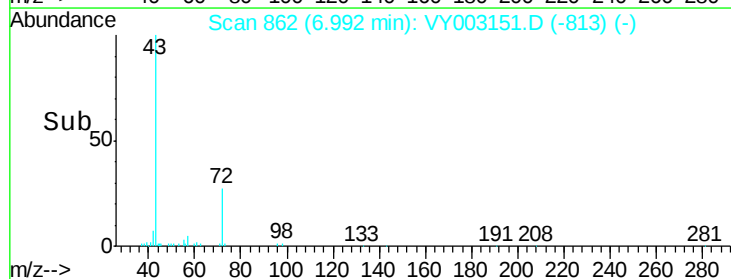
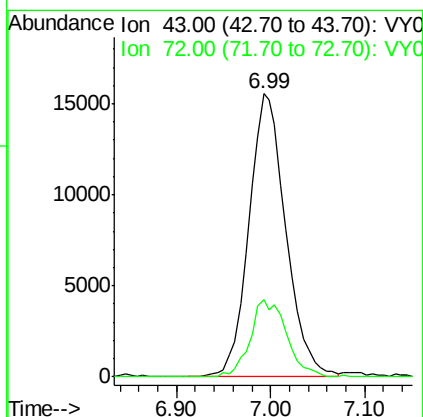
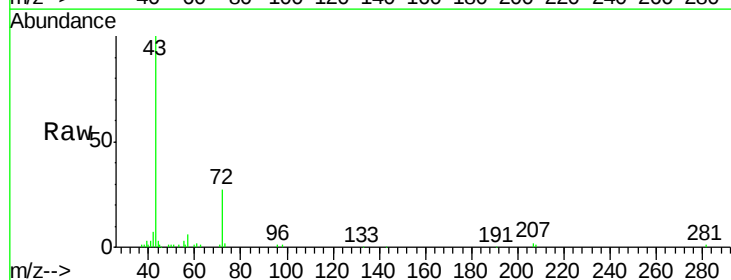
Instrument :
MSVOA_Y
ClientSampleId :
6FT-MH2

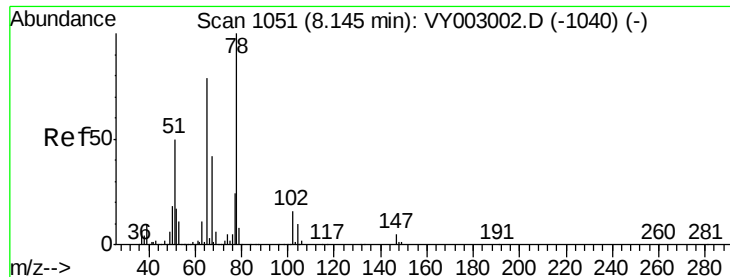
Tot Ion:	84	Resp:	30563
Ion	Ratio	Lower	Upper
84	100		
49	112.1	106.8	160.2
51	34.6	32.0	48.0
86	67.0	51.4	77.2



#25
2-Butanone
Concen: 54.610 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003151.D
Acq: 09 Jul 2020 18:09

Tgt Ion:	43	Resp:	42654
Ion	Ratio	Lower	Upper
43	100		
72	27.2	21.4	32.0

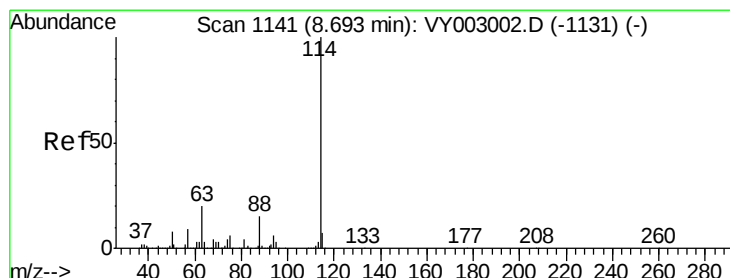
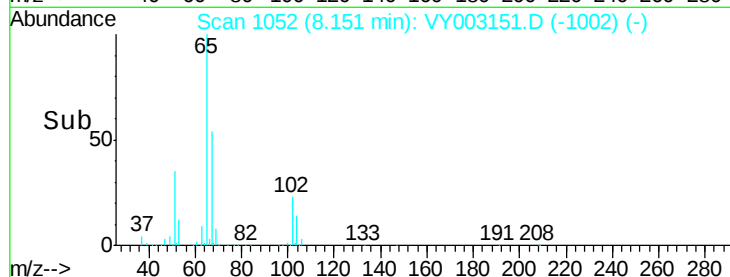
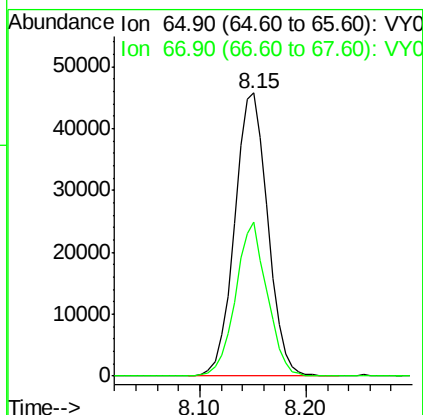
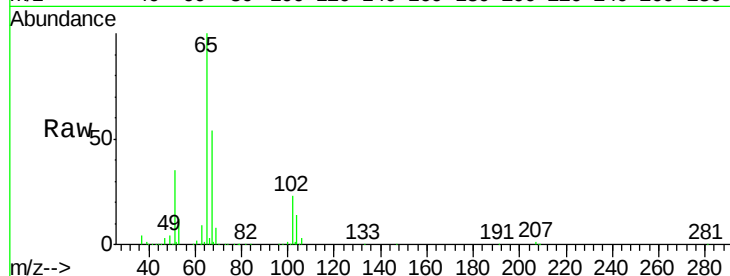




#33
 1,2-Dichloroethane-d4
 Concen: 47.854 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003151.D
 Acq: 09 Jul 2020 18:09

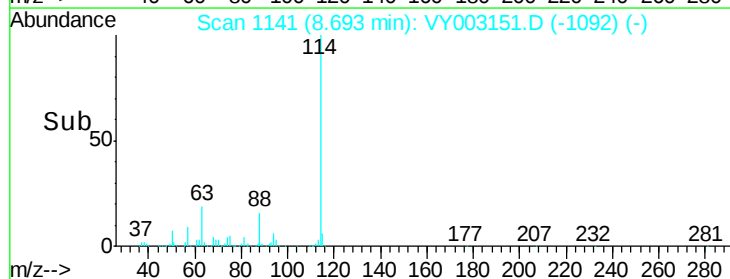
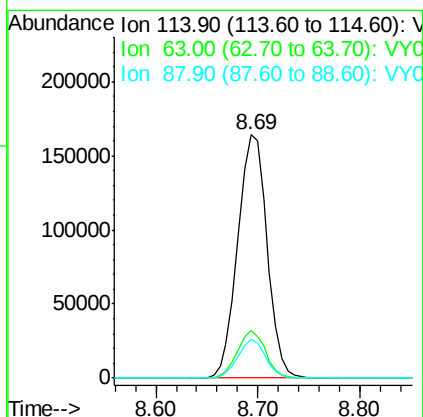
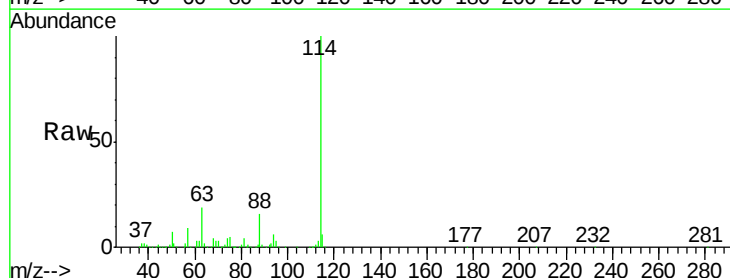
Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-MH2

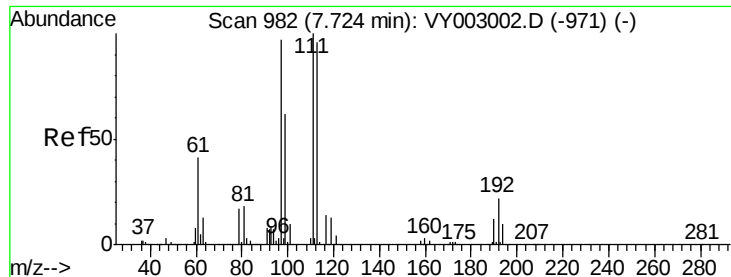
Tot Ion: 65 Resp: 99766
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003151.D
 Acq: 09 Jul 2020 18:09

Tgt Ion: 114 Resp: 327783
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.6
 88 16.0 0.0 30.0

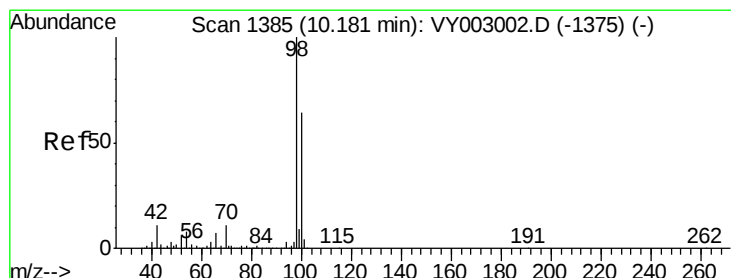
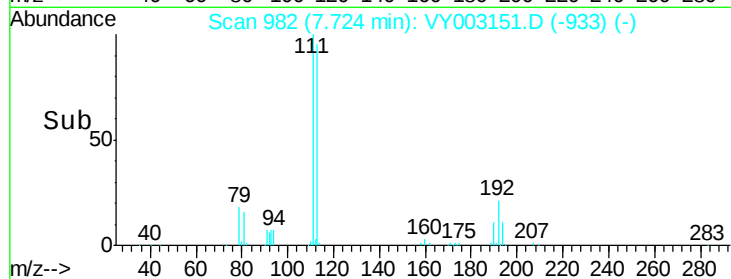
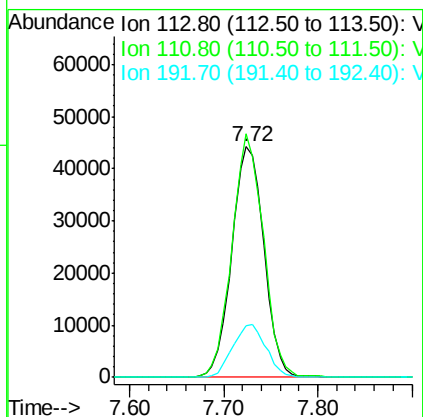
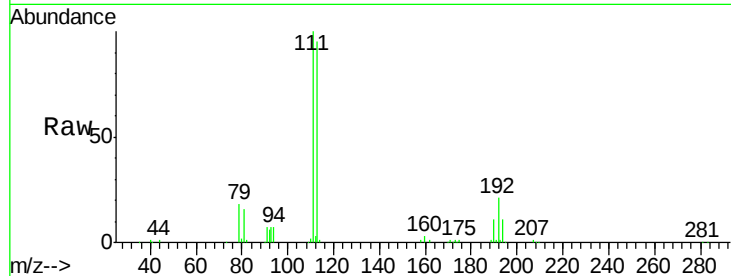




#35
Dibromofluoromethane
Concen: 51.476 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003151.D
Acq: 09 Jul 2020 18:09

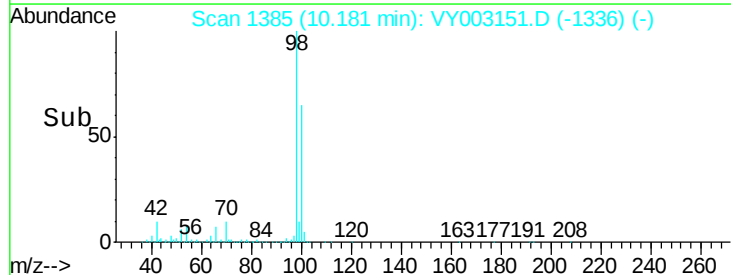
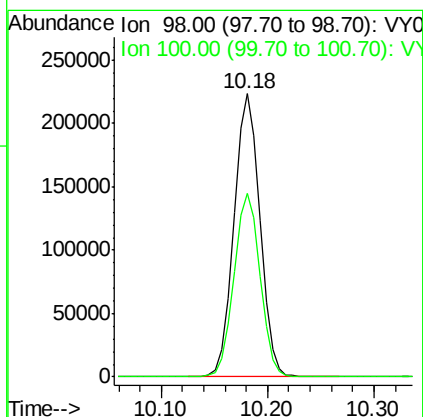
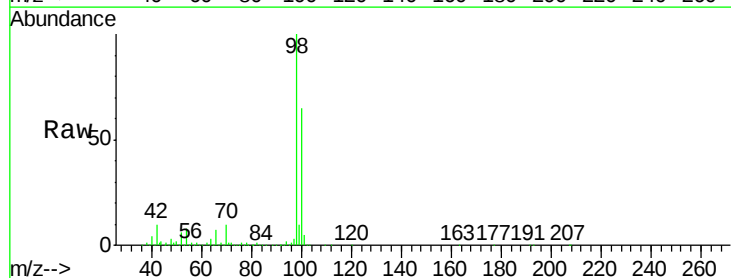
Instrument :
MSVOA_Y
ClientSampleId :
6FT-MH2

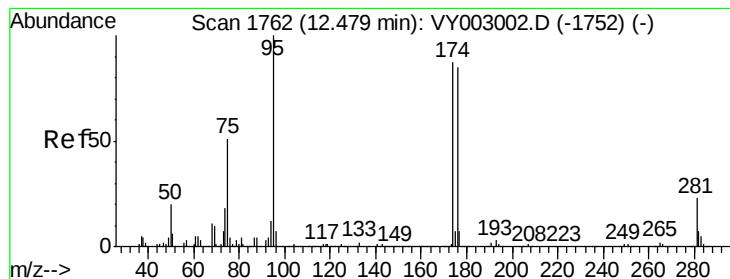
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	23.8	18.1	27.1



#50
Toluene-d8
Concen: 50.229 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003151.D
Acq: 09 Jul 2020 18:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 45.060 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003151.D

Acq: 09 Jul 2020 18:09

Instrument :

MSVOA_Y

ClientSampled :

6FT-MH2

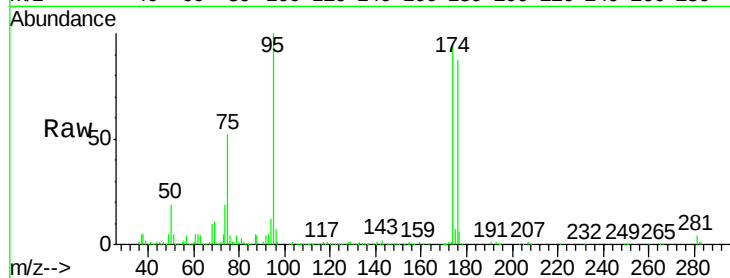
Tot Ion: 95 Resp: 120824

Ion Ratio Lower Upper

95 100

174 96.4 0.0 184.8

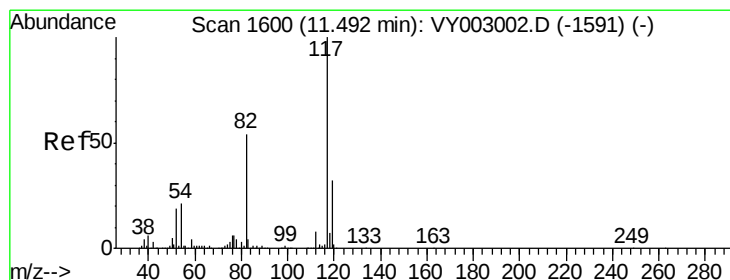
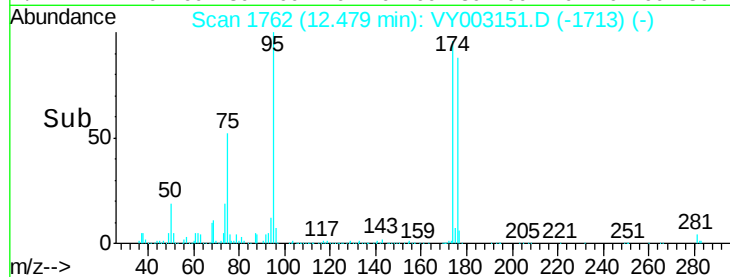
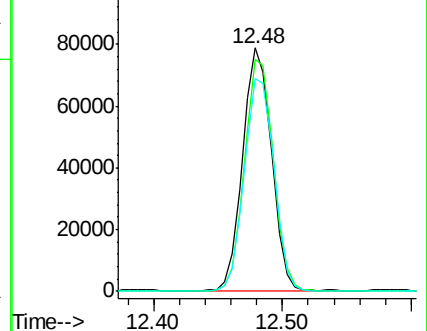
176 90.8 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003151.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003151.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003151.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003151.D

Acq: 09 Jul 2020 18:09

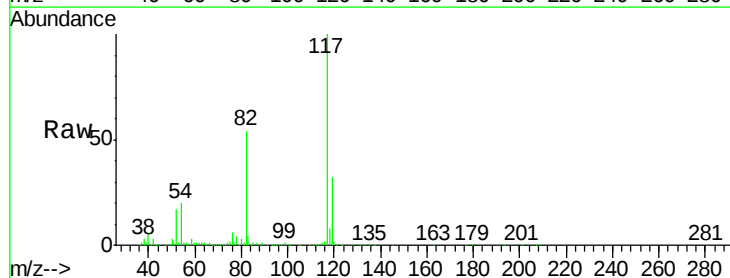
Tgt Ion: 117 Resp: 289584

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.6

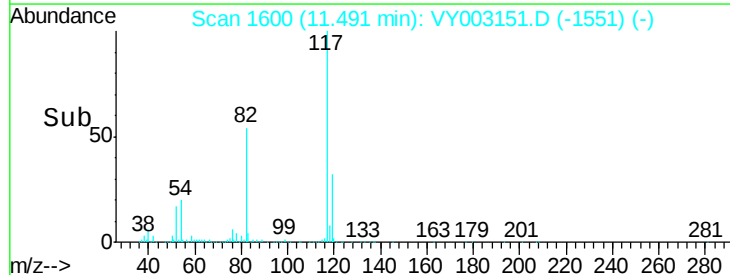
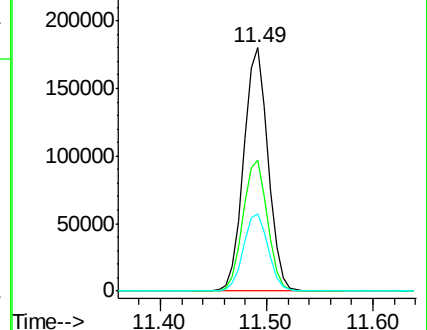
119 31.7 25.8 38.8

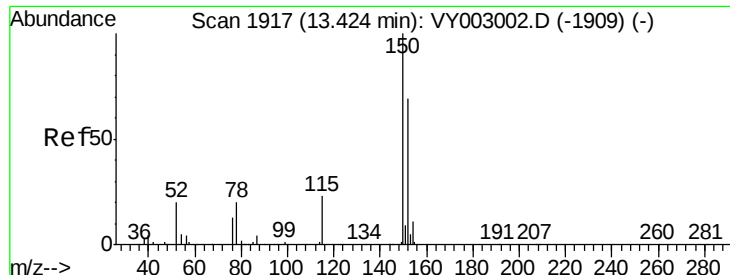


Abundance Ion 116.90 (116.60 to 117.60): VY003151.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003151.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003151.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: VY003151.D

Acq: 09 Jul 2020 18:09

Instrument :

MSVOA_Y

ClientSampleId :

6FT-MH2

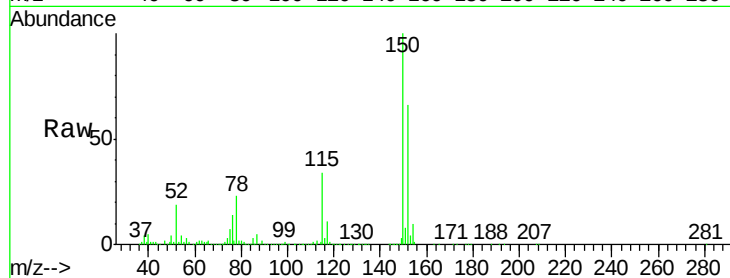
Tot Ion:152 Resp: 122843

Ion Ratio Lower Upper

152 100

115 53.4 27.3 81.9

150 155.6 0.0 343.4



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

