

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003037.D
 Acq On : 30 Jun 2020 16:04
 Operator : SY/MD
 Sample : L3153-28
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-G

Quant Time: Jul 01 06:36:00 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

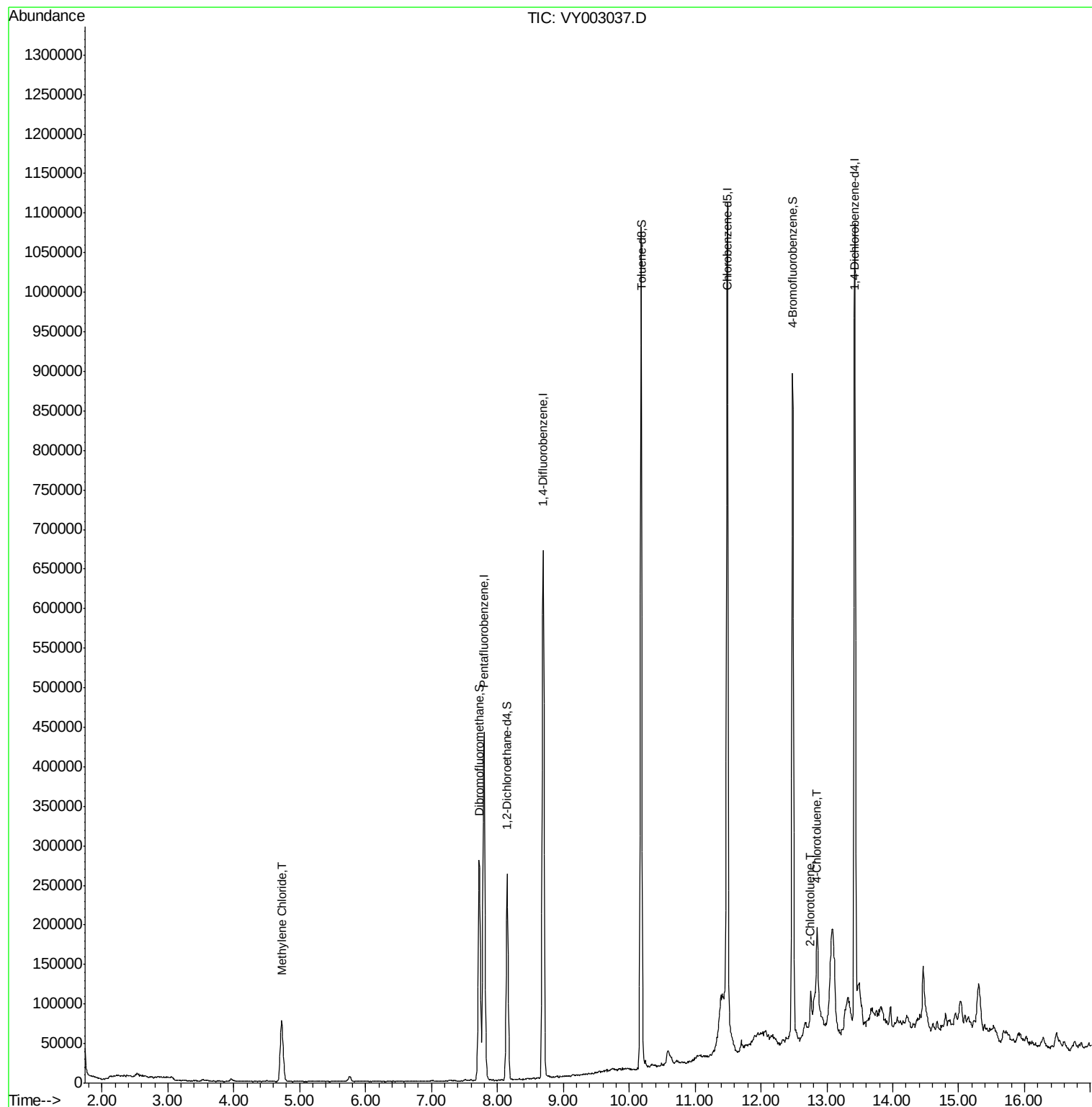
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	365545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	585794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	554263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	260863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	202382	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.48%	
35) Dibromofluoromethane	7.72	113	193112	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	10.18	98	697175	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.48	95	246049	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
Target Compounds						
20) Methylene Chloride	4.72	84	61285	10.537	ug/l	97
79) 2-Chlorotoluene	12.75	91	23483	2.049	ug/l	99
82) 4-Chlorotoluene	12.85	91	46926	3.933	ug/l	98

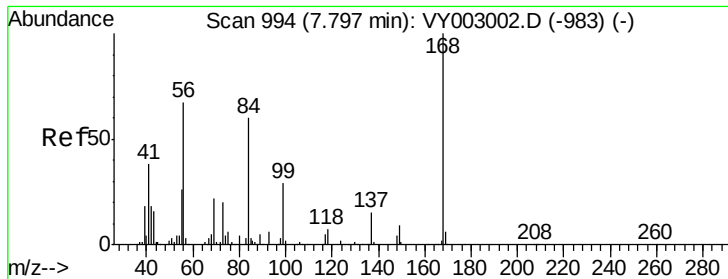
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003037.D

Acq: 30 Jun 2020 16:04

Instrument :

MSVOA_Y

ClientSampled :

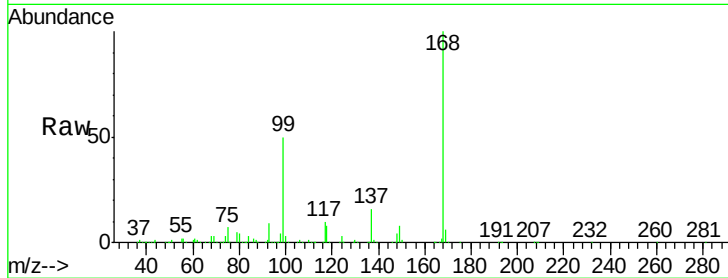
SP2-G

Tot Ion:168 Resp: 365545

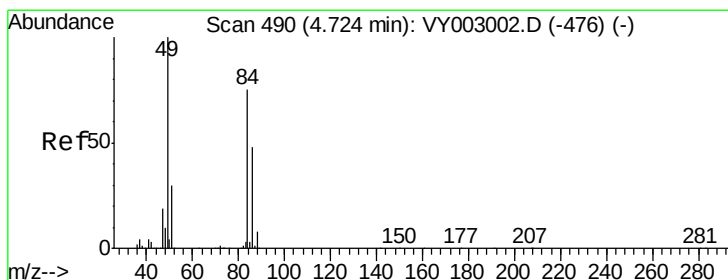
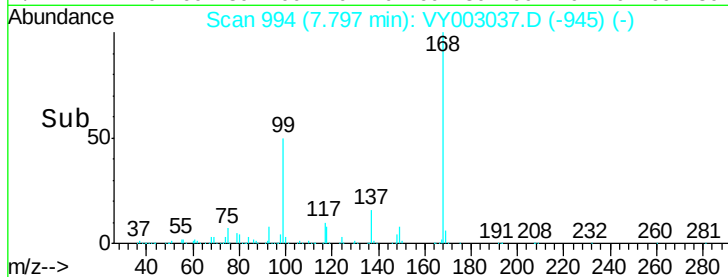
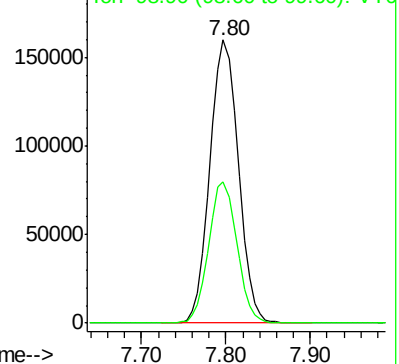
Ion Ratio Lower Upper

168 100

99 49.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003037.D (-945) (-)



#20

Methylene Chloride

Concen: 10.537 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003037.D

Acq: 30 Jun 2020 16:04

Tgt Ion: 84 Resp: 61285

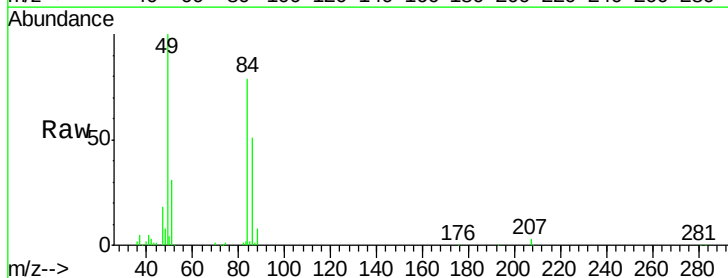
Ion Ratio Lower Upper

84 100

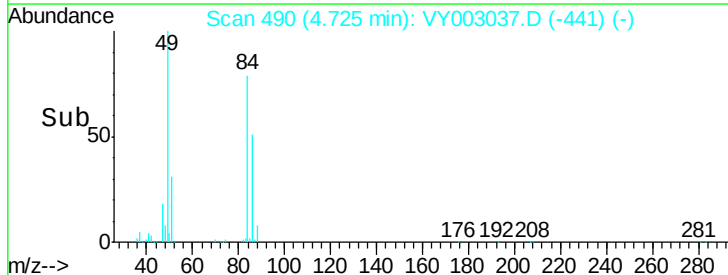
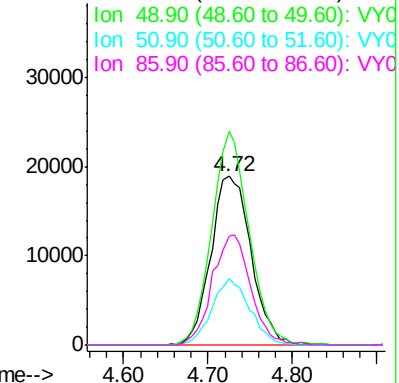
49 126.7 106.8 160.2

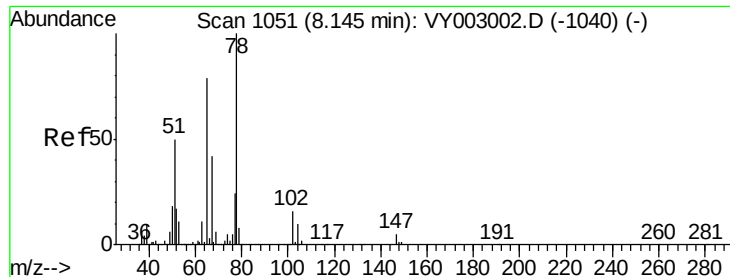
51 39.7 32.0 48.0

86 64.5 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VY003037.D (-441) (-)

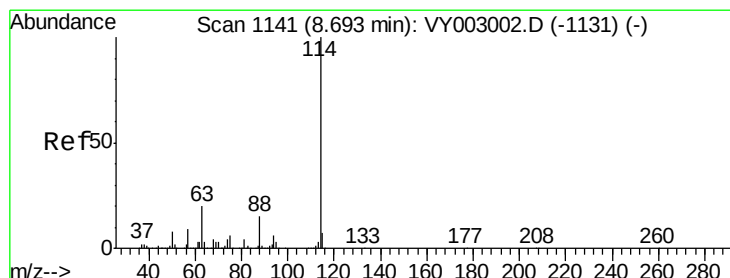
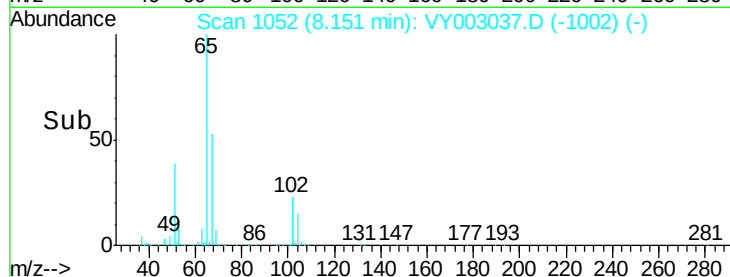
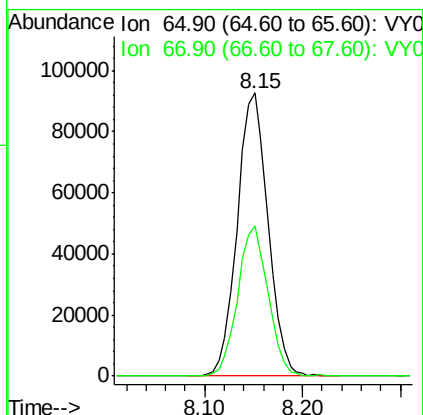
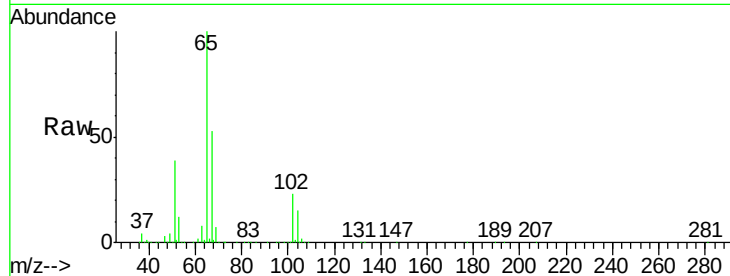




#33
 1,2-Dichloroethane-d4
 Concen: 55.743 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003037.D
 Acq: 30 Jun 2020 16:04

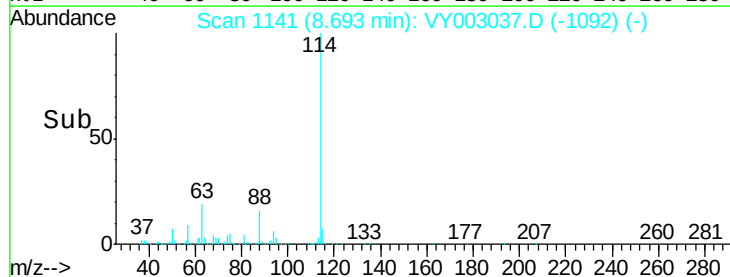
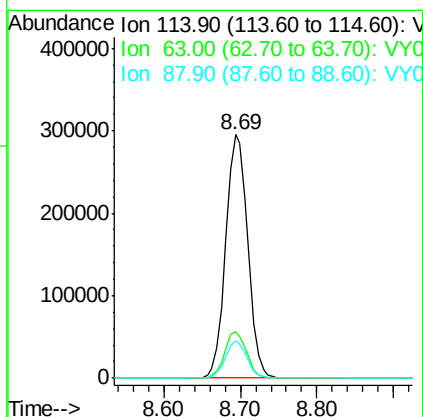
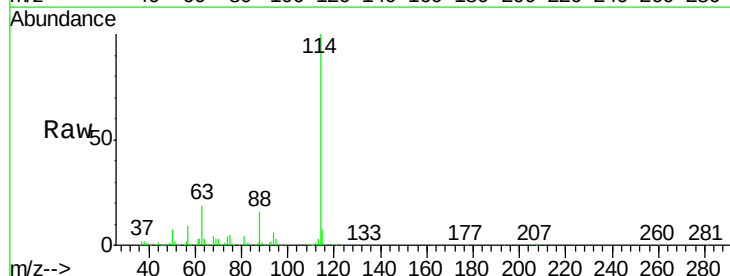
Instrument :
 MSVOA_Y
 ClientSampled :
 SP2-G

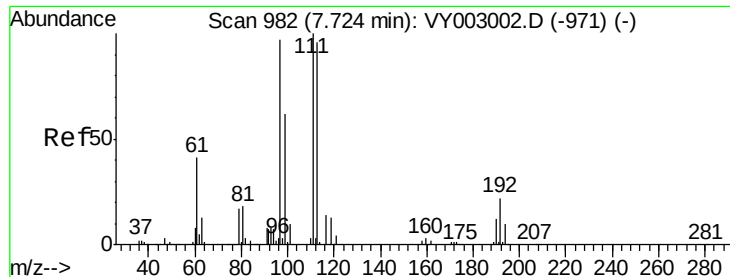
Tot Ion: 65 Resp: 202382
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003037.D
 Acq: 30 Jun 2020 16:04

Tgt Ion: 114 Resp: 585794
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.6
 88 15.6 0.0 30.0

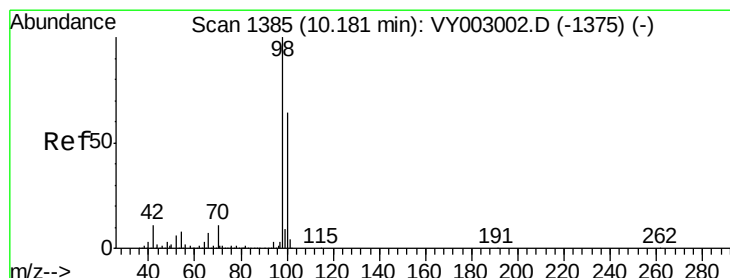
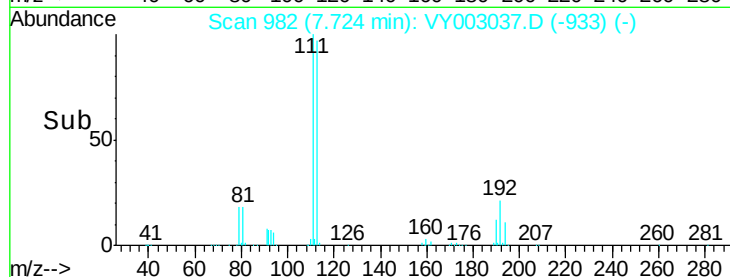
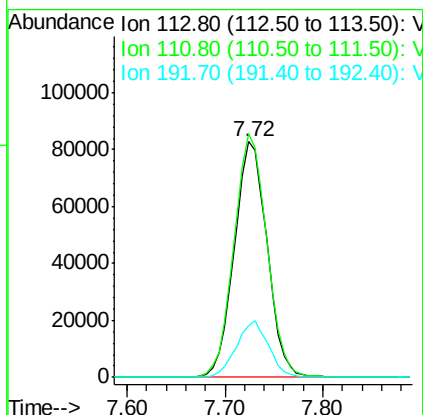
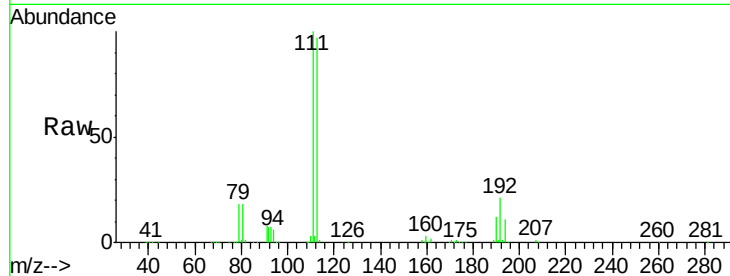




#35
Dibromofluoromethane
Concen: 52.845 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003037.D
Acq: 30 Jun 2020 16:04

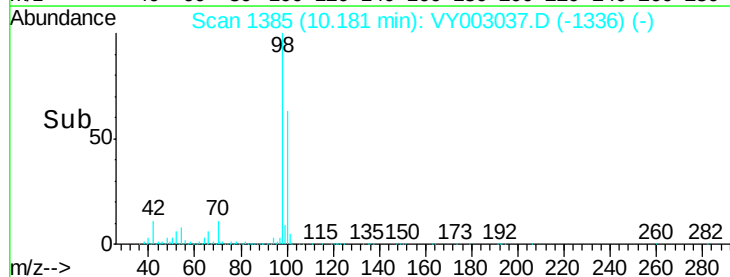
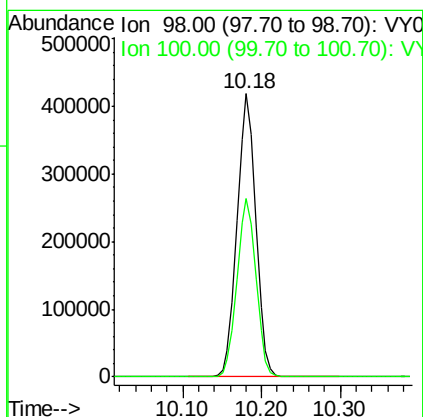
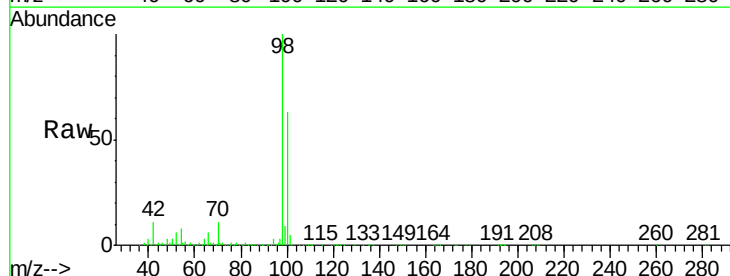
Instrument :
MSVOA_Y
ClientSampled :
SP2-G

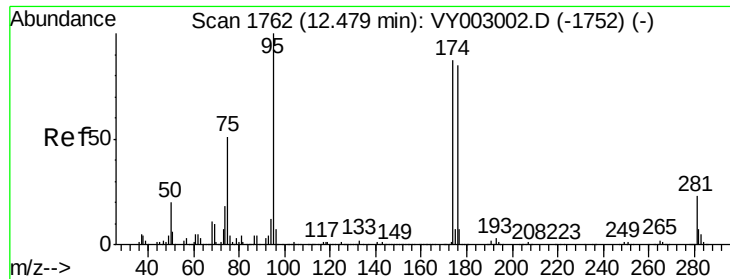
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	23.6	18.1	27.1



#50
Toluene-d8
Concen: 51.211 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003037.D
Acq: 30 Jun 2020 16:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 51.345 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003037.D

Acq: 30 Jun 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

SP2-G

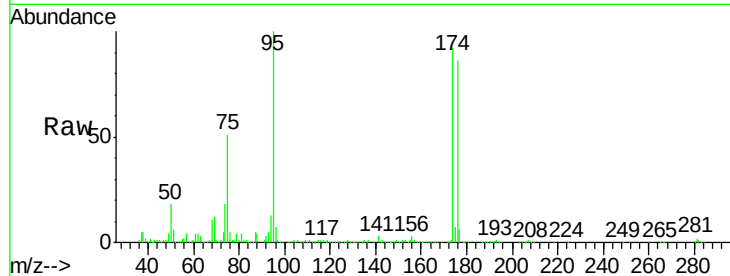
Tot Ion: 95 Resp: 246049

Ion Ratio Lower Upper

95 100

174 94.9 0.0 184.8

176 90.8 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003002.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003002.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003002.D (-1752) (-)

12.48

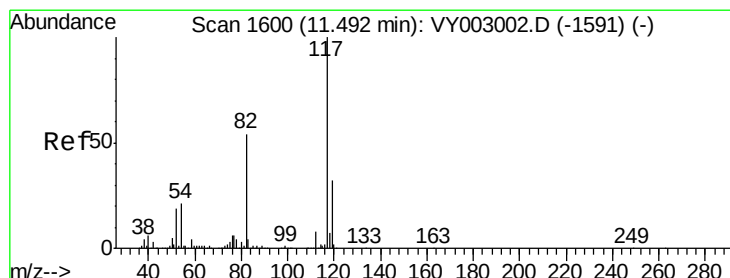
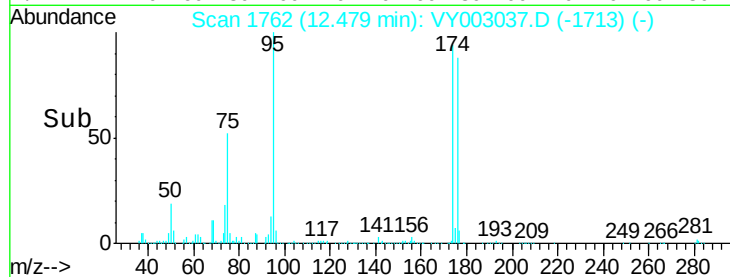
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003037.D

Acq: 30 Jun 2020 16:04

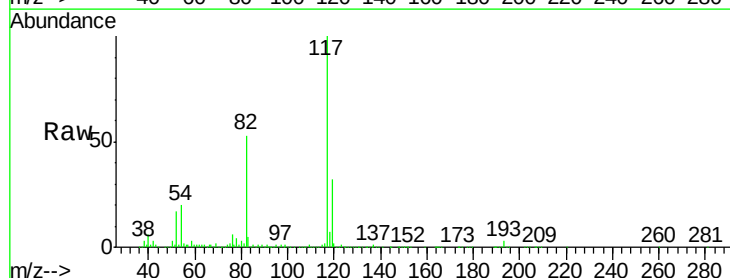
Tgt Ion: 117 Resp: 554263

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.6

119 31.5 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VY003002.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003002.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003002.D (-1591) (-)

11.49

400000

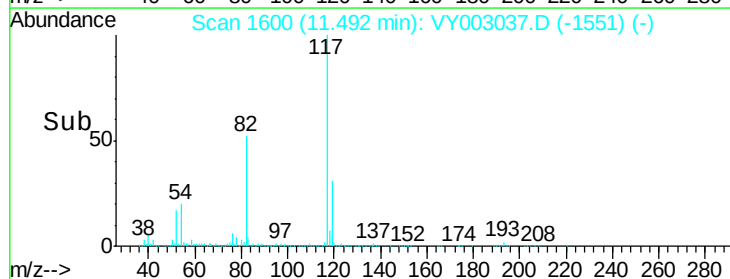
300000

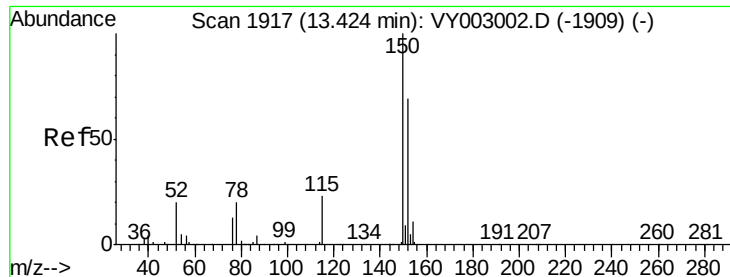
200000

100000

0

Time-->

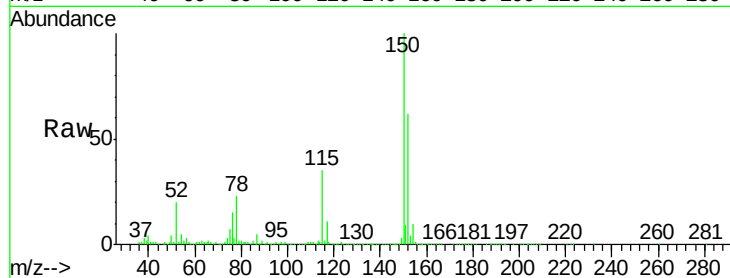




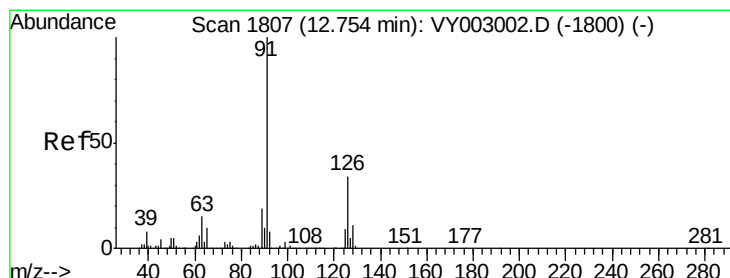
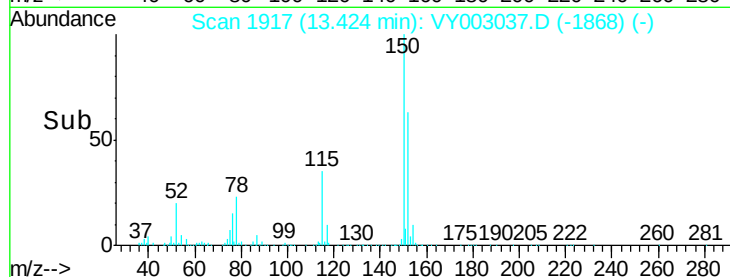
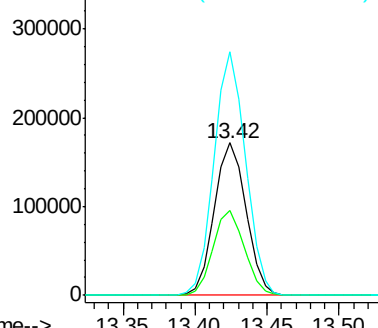
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY003037.D
 Acq: 30 Jun 2020 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-G

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.3	81.9
150	158.8	0.0	343.4

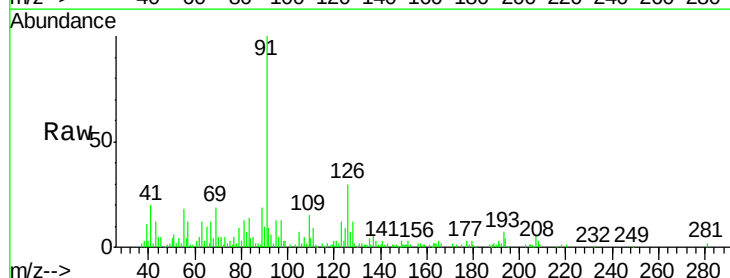


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

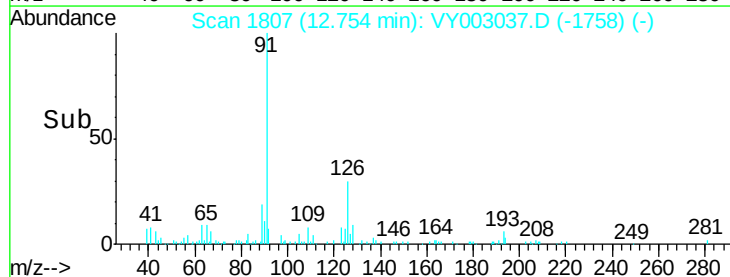
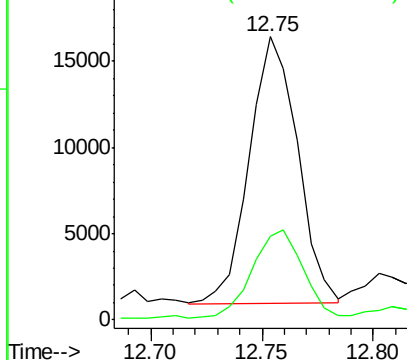


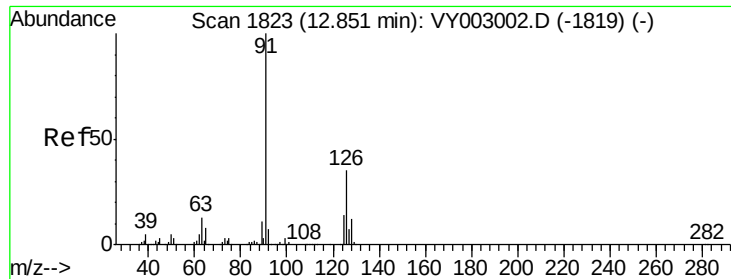
#79
 2-Chlorotoluene
 Concen: 2.049 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003037.D
 Acq: 30 Jun 2020 16:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.1	51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V





#82
 4-Chlorotoluene
 Concen: 3.933 ug/l
 RT: 12.85 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: VY003037.D
 Acq: 30 Jun 2020 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-G

Tot Ion: 91 Resp: 46926
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.4 52.3

