

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001885.D
 Acq On : 05 Mar 2020 16:27
 Operator : SY/MD
 Sample : L1783-02RE
 Misc : 5.82G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GP-11-030220RE

Quant Time: Mar 06 05:38:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

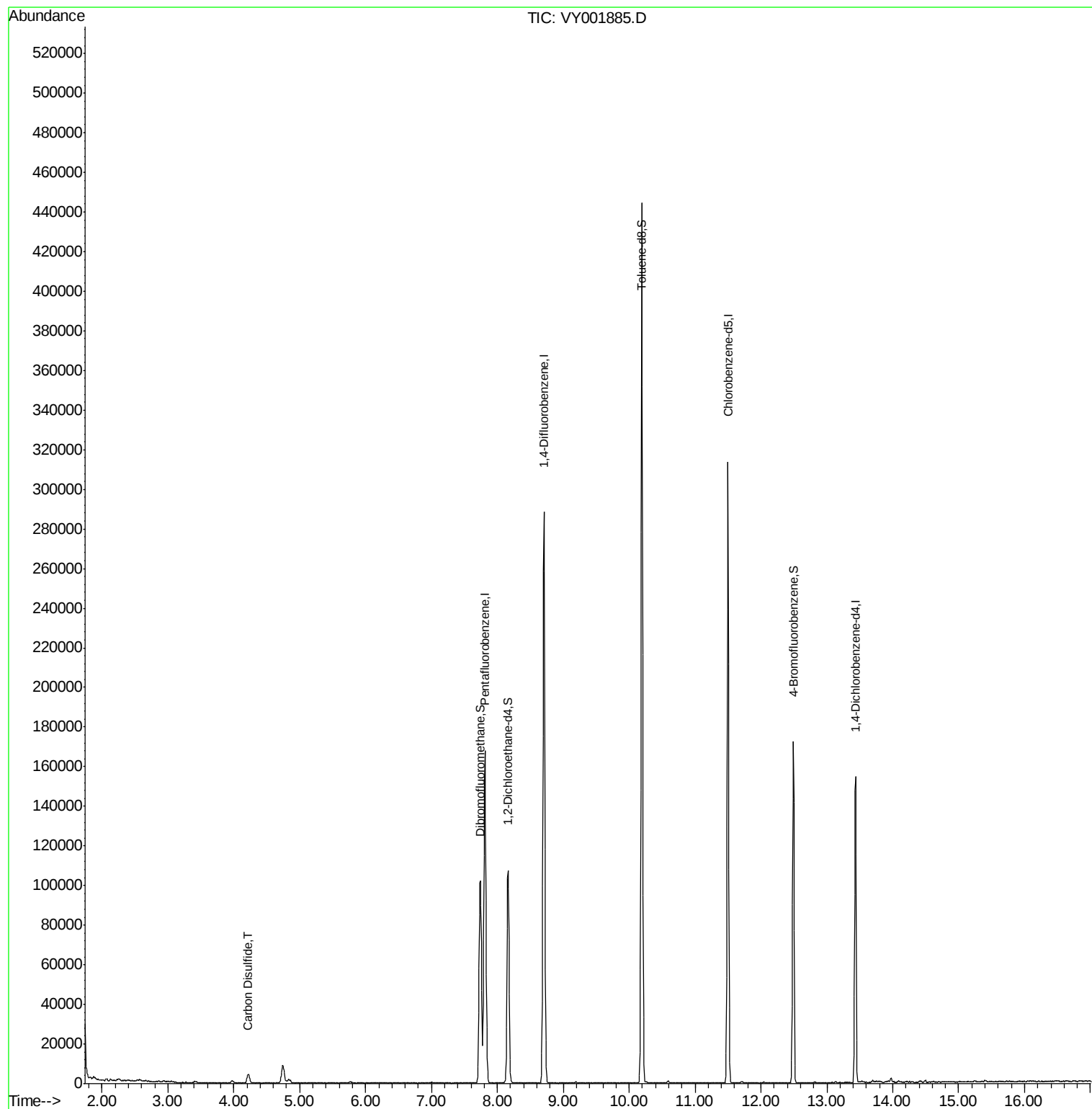
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	128016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	242504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	171992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	37461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	81098	59.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.68%	
35) Dibromofluoromethane	7.74	113	75392	56.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.86%	
50) Toluene-d8	10.19	98	282234	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.49	95	54395	28.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.04%	
Target Compounds						
17) Carbon Disulfide	4.22	76	9141	1.910	ug/l	Qvalue 96

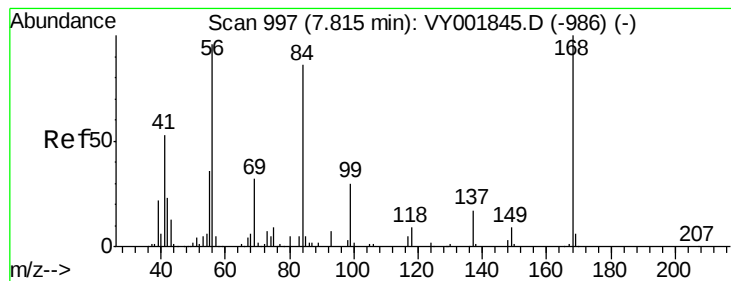
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001885.D

Acq: 05 Mar 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

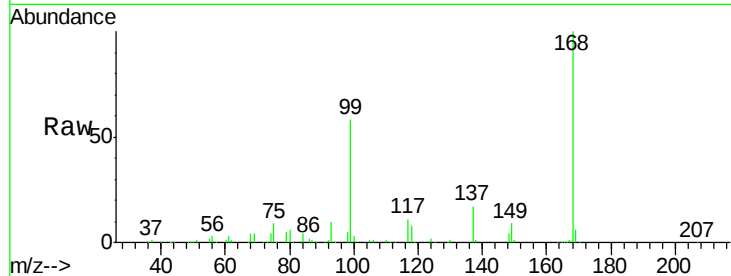
GP-11-030220RE

Tot Ion:168 Resp: 128016

Ion Ratio Lower Upper

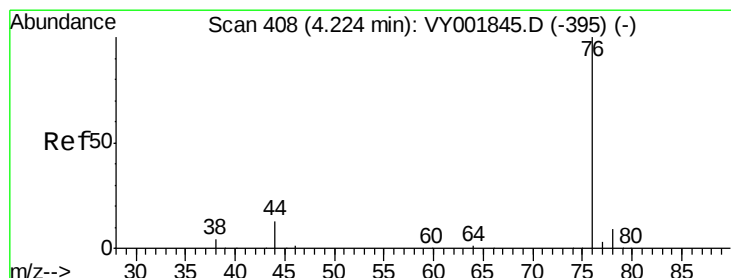
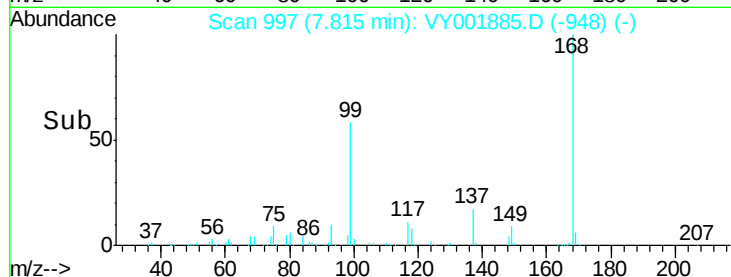
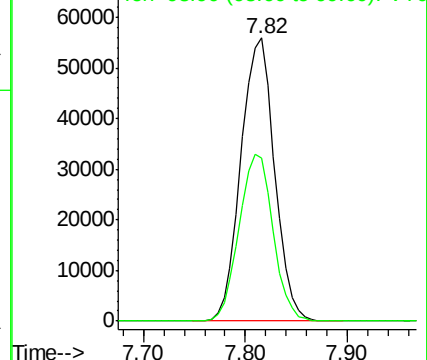
168 100

99 57.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#17

Carbon Disulfide

Concen: 1.910 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY001885.D

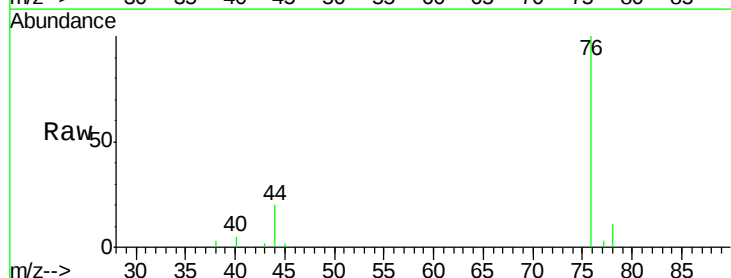
Acq: 05 Mar 2020 16:27

Tgt Ion: 76 Resp: 9141

Ion Ratio Lower Upper

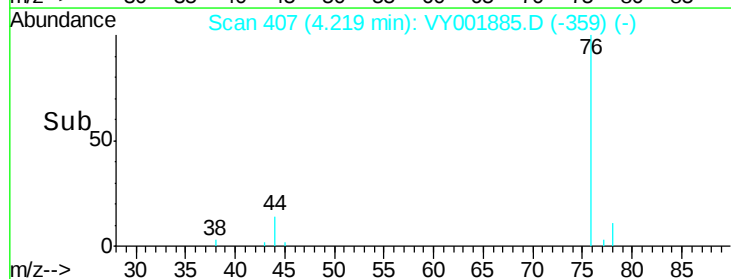
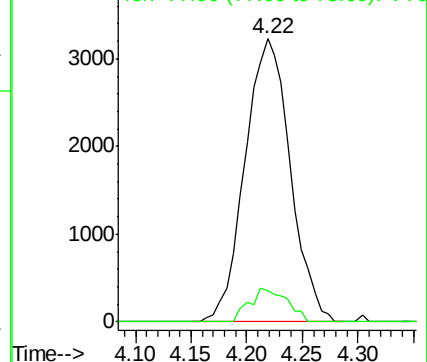
76 100

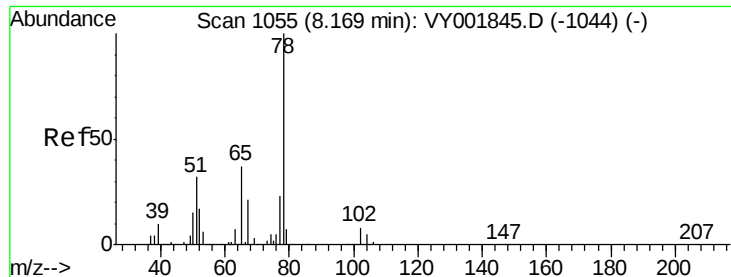
78 10.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 59.340 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001885.D

Acq: 05 Mar 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

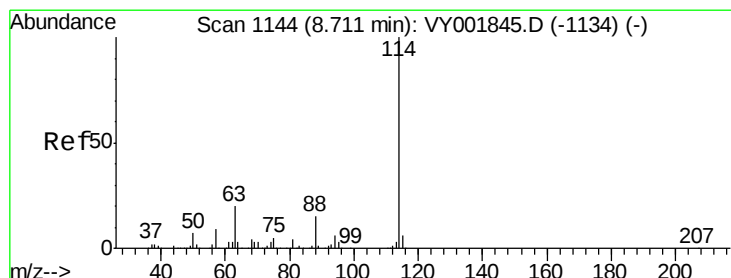
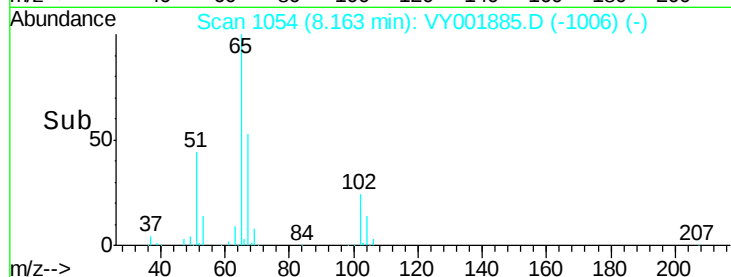
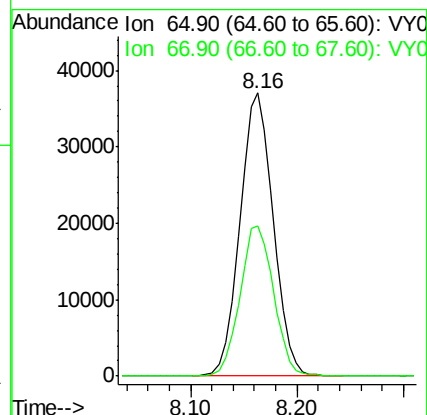
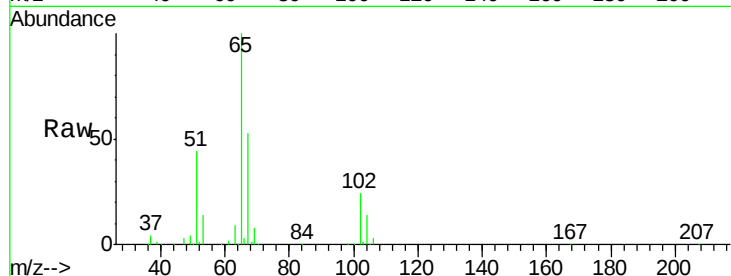
GP-11-030220RE

Tot Ion: 65 Resp: 81098

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001885.D

Acq: 05 Mar 2020 16:27

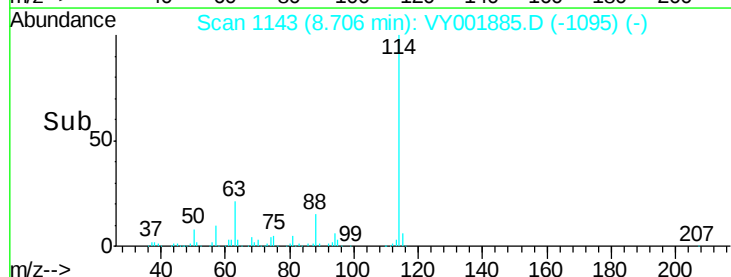
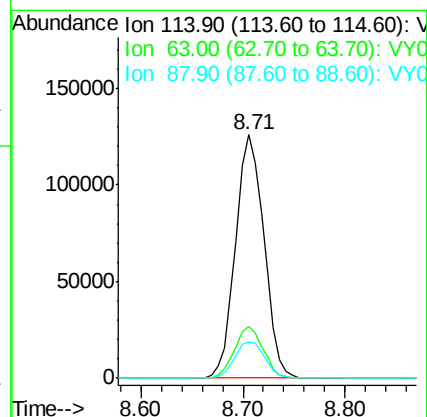
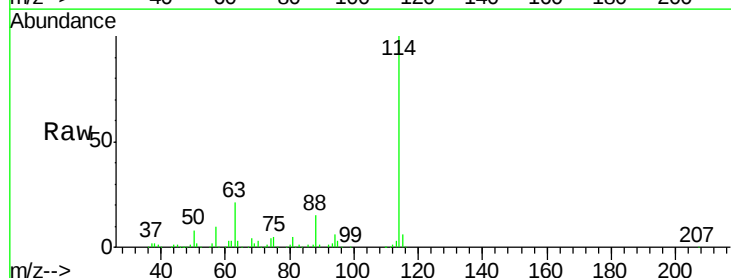
Tgt Ion: 114 Resp: 242504

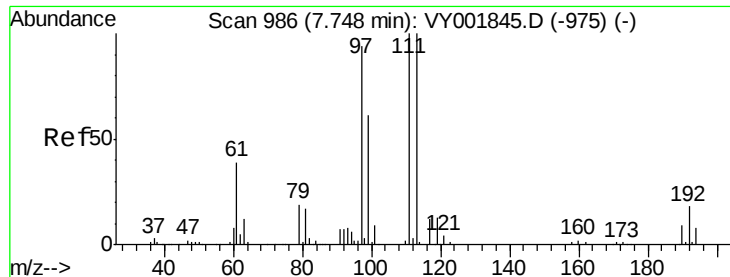
Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.4

88 14.9 0.0 30.4

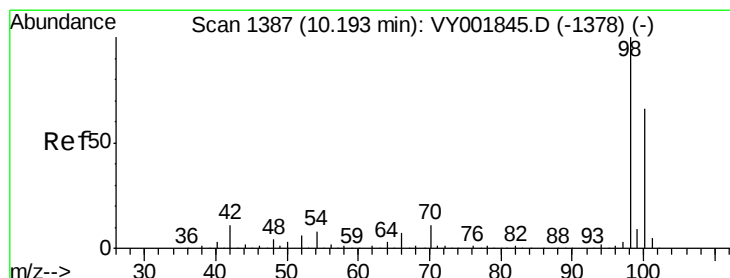
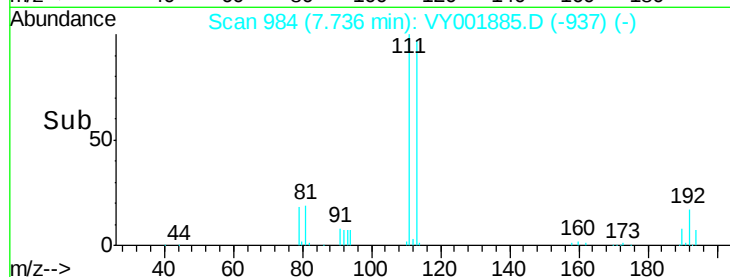
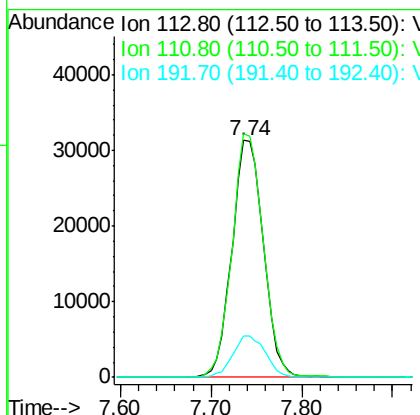
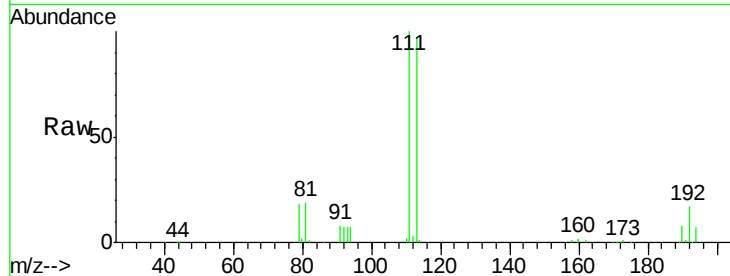




#35
 Dibromofluoromethane
 Concen: 56.935 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001885.D
 Acq: 05 Mar 2020 16:27

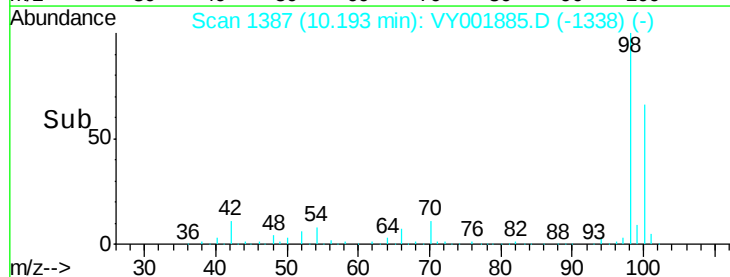
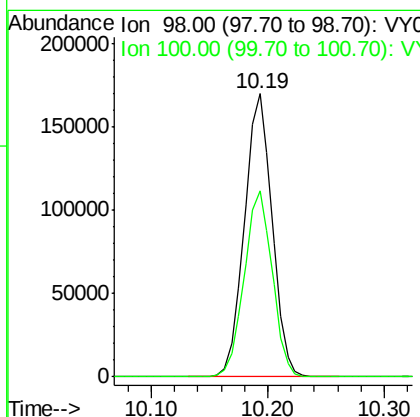
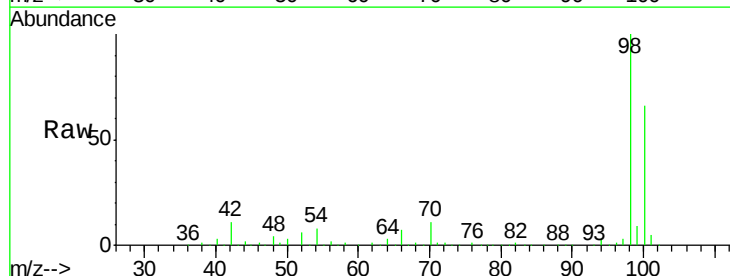
Instrument :
 MSVOA_Y
 ClientSampleId :
 GP-11-030220RE

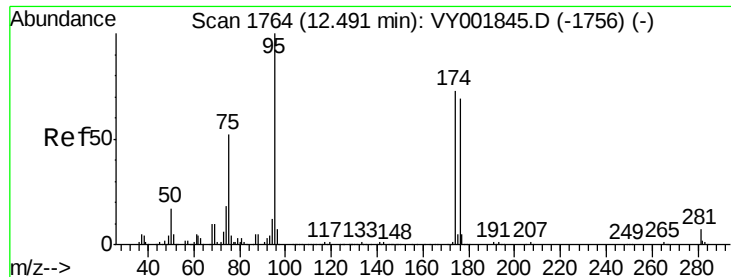
Tot Ion:113 Resp: 75392
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.8
 192 18.2 14.2 21.2



#50
 Toluene-d8
 Concen: 50.545 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001885.D
 Acq: 05 Mar 2020 16:27

Tgt Ion: 98 Resp: 282234
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.0 79.4

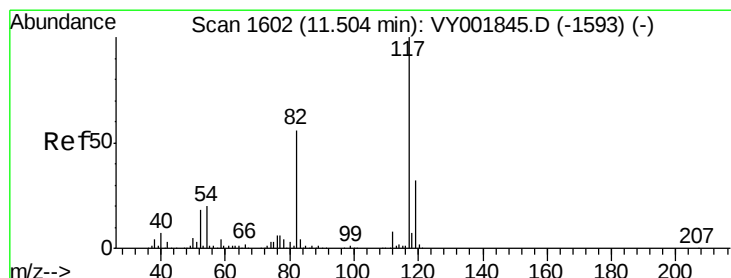
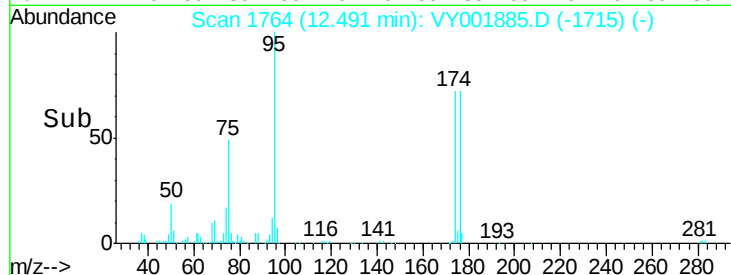
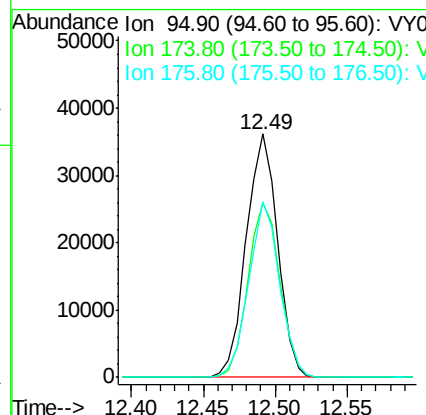
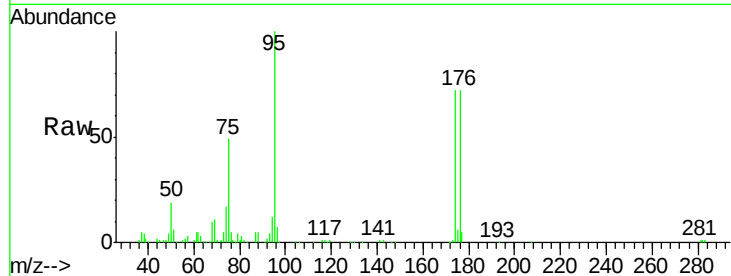




#62
4-Bromofluorobenzene
Concen: 28.016 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001885.D
Acq: 05 Mar 2020 16:27

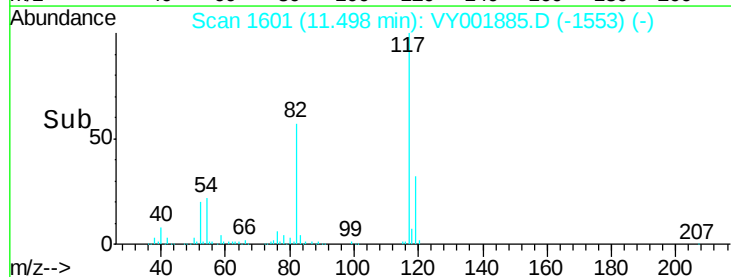
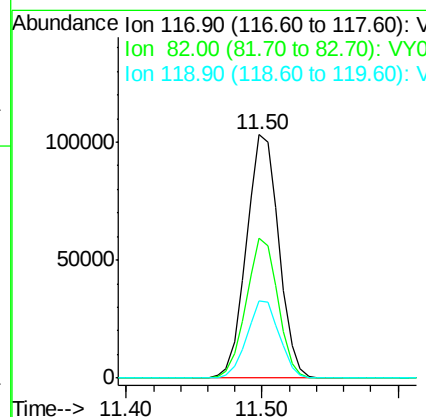
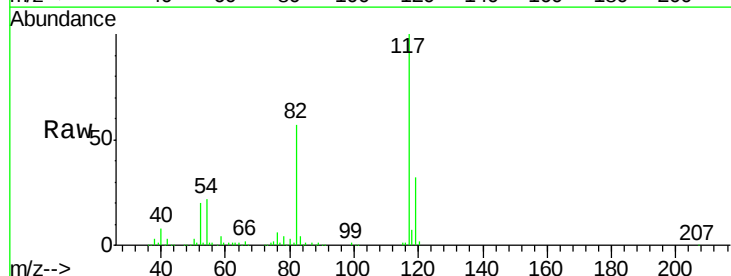
Instrument :
MSVOA_Y
ClientSampleId :
GP-11-030220RE

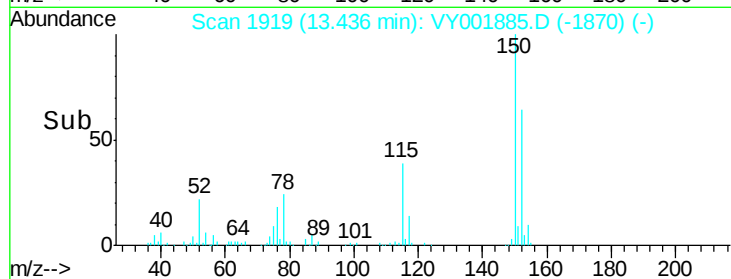
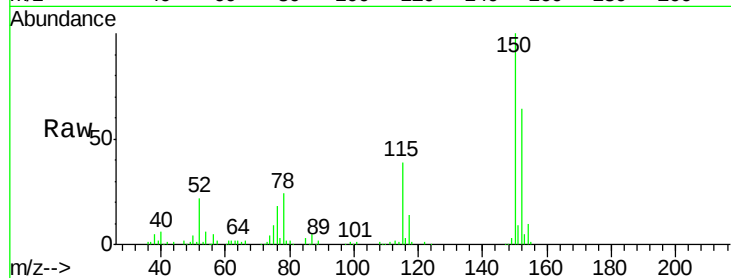
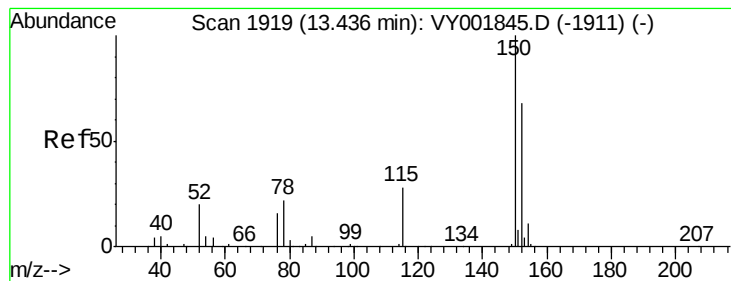
Tot Ion	95	Resp	54395
Ion Ratio	Lower	Upper	
95	100		
174	72.9	0.0	145.0
176	70.8	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001885.D
Acq: 05 Mar 2020 16:27

Tgt Ion	117	Resp	171992
Ion Ratio	Lower	Upper	
117	100		
82	57.4	44.5	66.7
119	31.8	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001885.D

Acq: 05 Mar 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

GP-11-030220RE

Tot Ion:152 Resp: 37461

Ion Ratio Lower Upper

152 100

115 62.9 29.9 89.7

150 157.5 0.0 340.6

