

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\  
 Data File : VY002293.D  
 Acq On : 13 Apr 2020 20:07  
 Operator : SY/MD  
 Sample : L2222-02  
 Misc : 5.09G/5ML/MSVOA Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 S-1A

Quant Time: Apr 14 09:32:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 15:15:02 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	139259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	113324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	88280	57.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.00%	
35) Dibromofluoromethane	7.74	113	85716	50.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.86%	
50) Toluene-d8	10.19	98	349439	49.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.49	95	121609	51.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.64%	

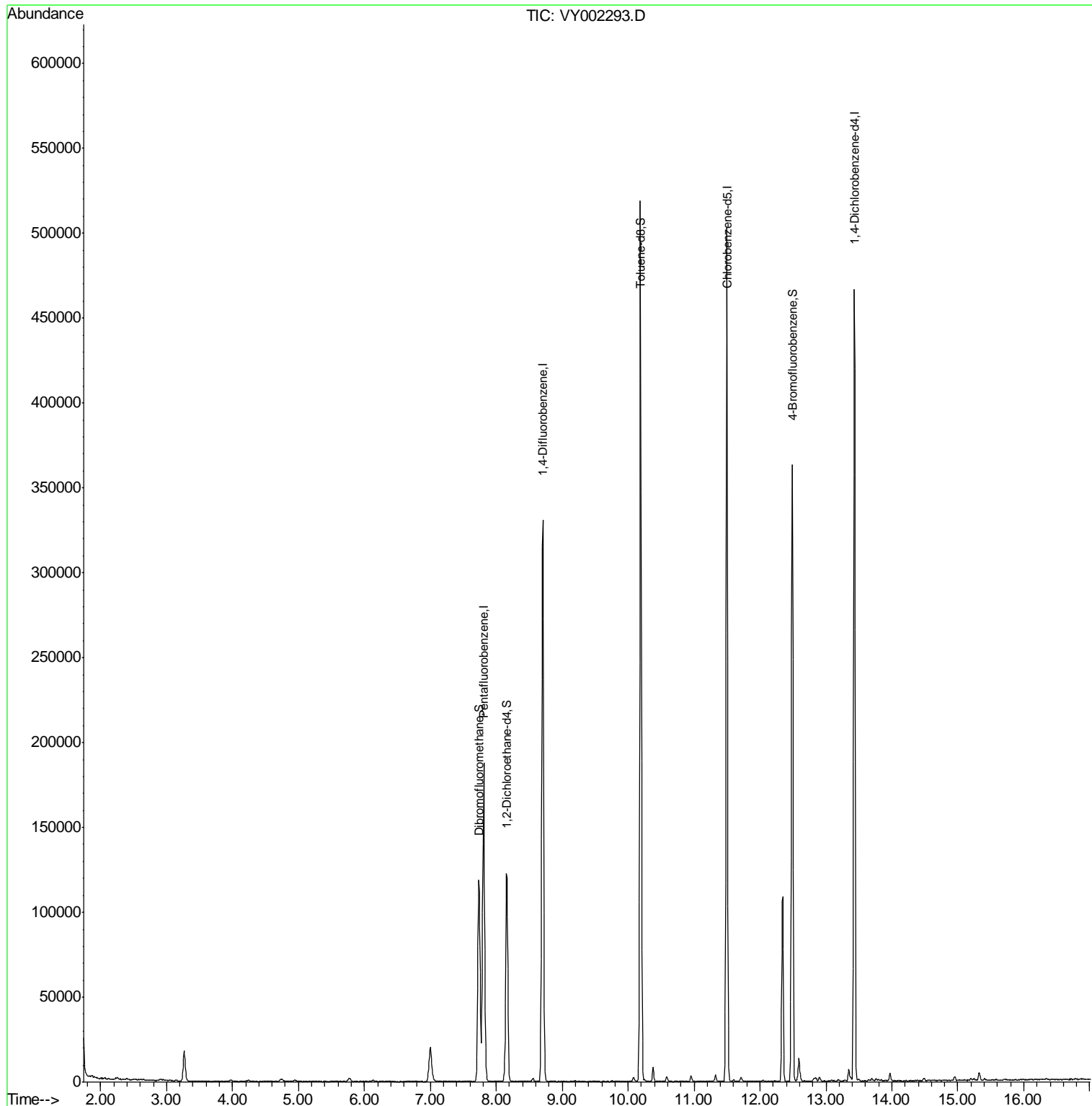
Target Compounds Qvalue

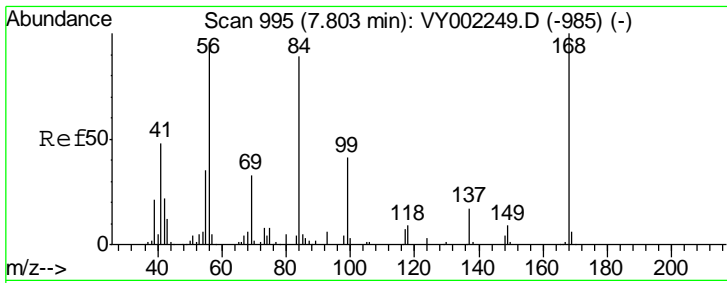
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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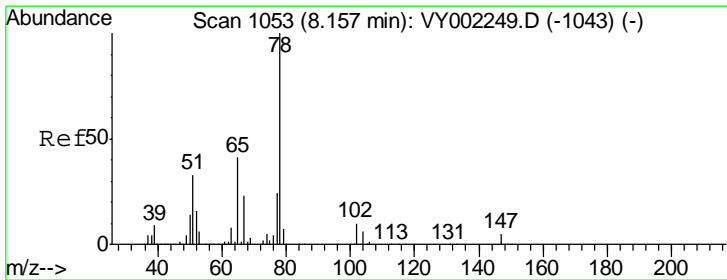
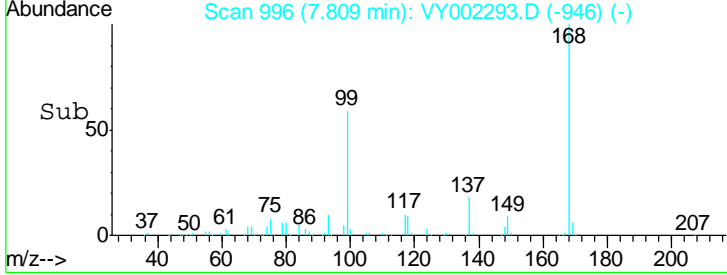
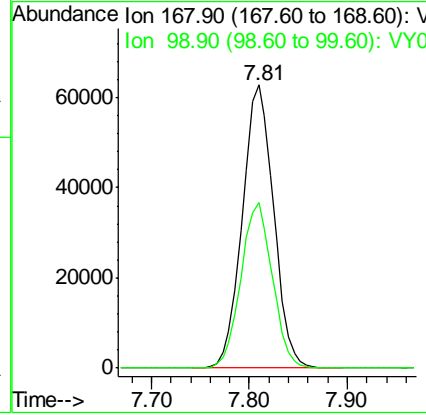
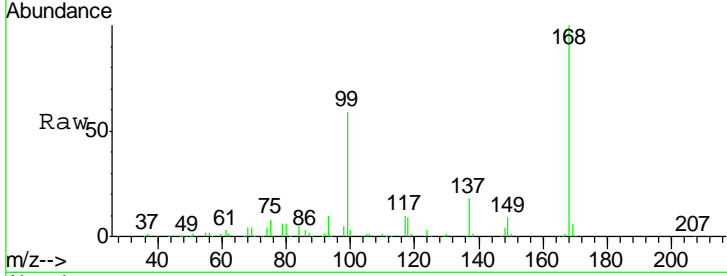




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.81 min Scan# 996  
 Delta R.T. 0.01 min  
 Lab File: VY002293.D  
 Acq: 13 Apr 2020 20:07

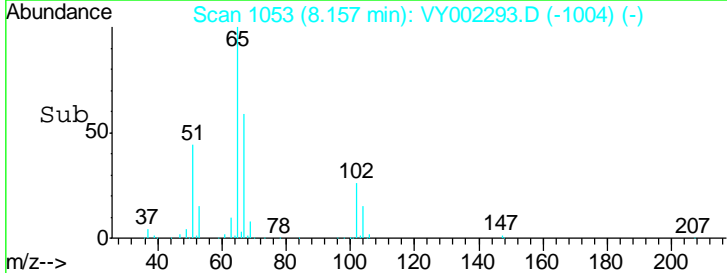
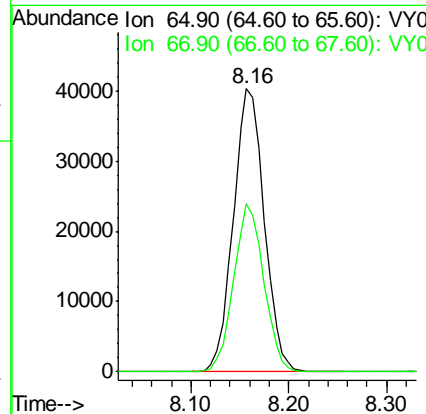
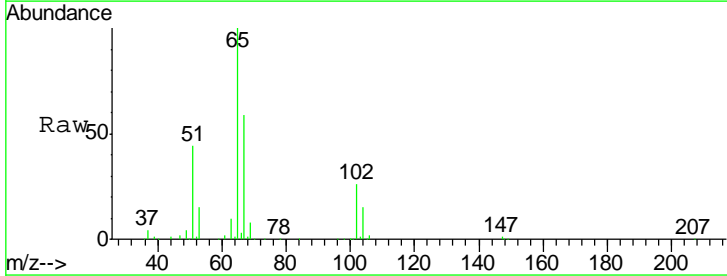
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 S-1A

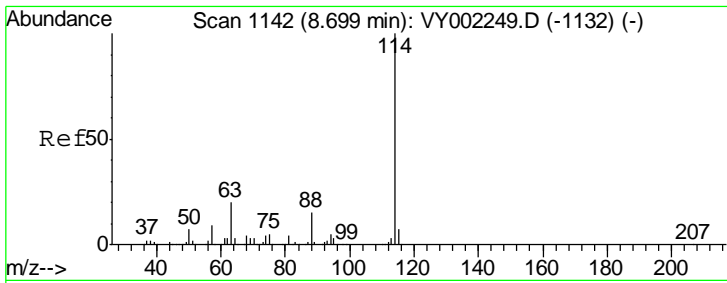
Tgt Ion: 168 Resp: 139259  
 Ion Ratio Lower Upper  
 168 100  
 99 58.6 48.0 72.0



#33  
 1,2-Dichloroethane-d4  
 Concen: 57.004 ug/l  
 RT: 8.16 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VY002293.D  
 Acq: 13 Apr 2020 20:07

Tgt Ion: 65 Resp: 88280  
 Ion Ratio Lower Upper  
 65 100  
 67 58.0 0.0 114.0

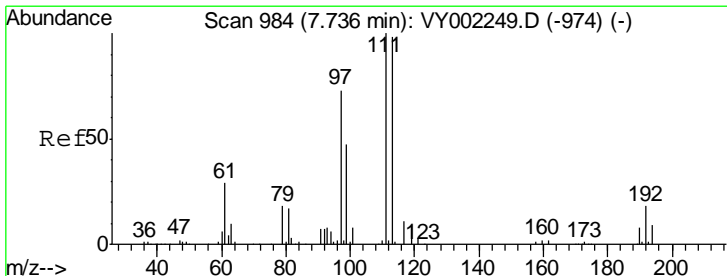
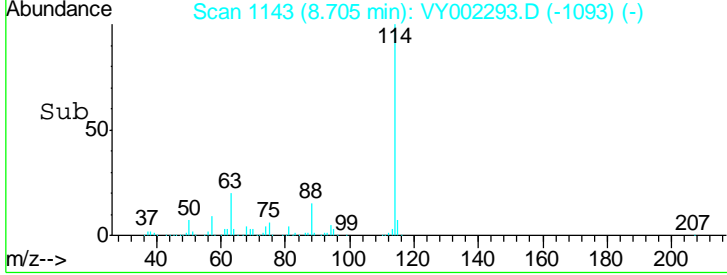
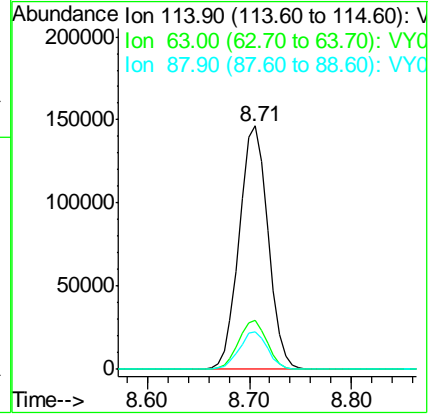
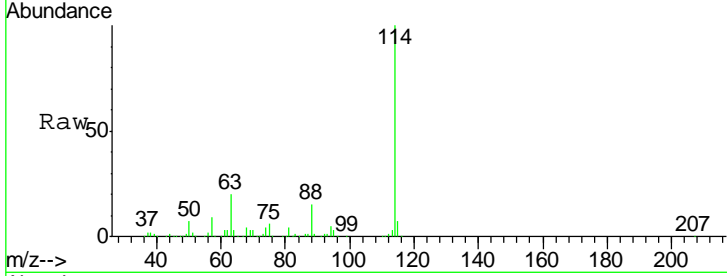




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1143  
 Delta R.T. 0.01 min  
 Lab File: VY002293.D  
 Acq: 13 Apr 2020 20:07

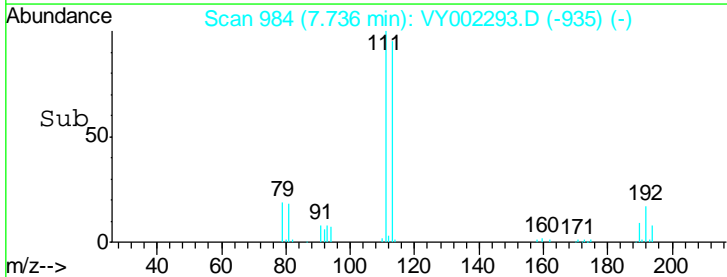
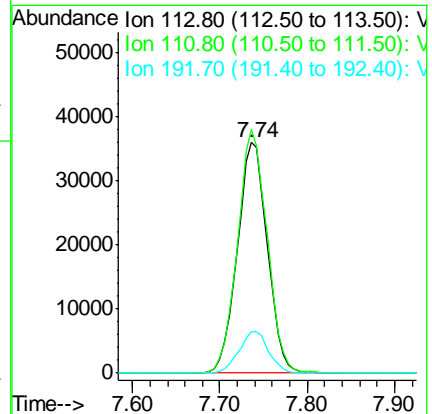
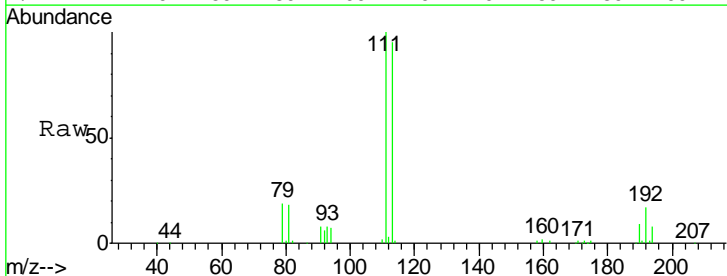
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 S-1A

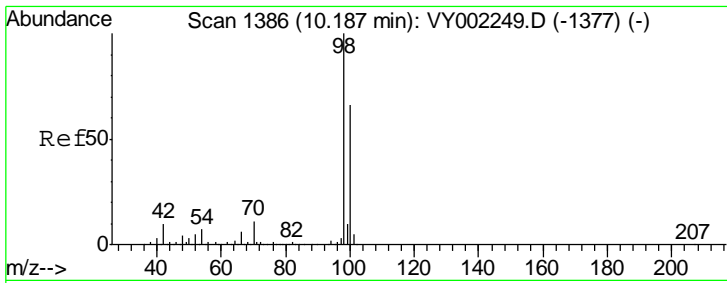
Tgt Ion	Resp	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	15.2	0.0	31.0



#35  
 Dibromofluoromethane  
 Concen: 50.435 ug/l  
 RT: 7.74 min Scan# 984  
 Delta R.T. -0.00 min  
 Lab File: VY002293.D  
 Acq: 13 Apr 2020 20:07

Tgt Ion	Resp	Lower	Upper
113	100		
111	104.3	83.5	125.3
192	17.8	14.7	22.1

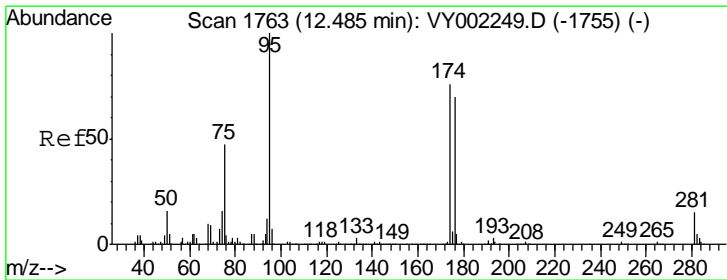
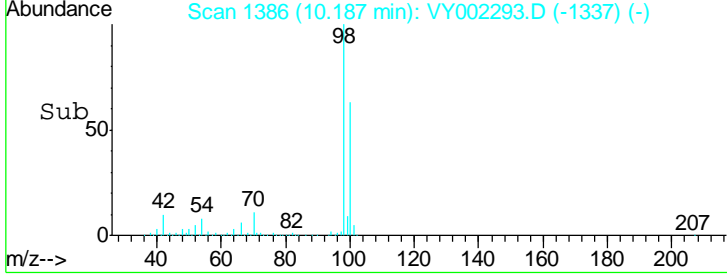
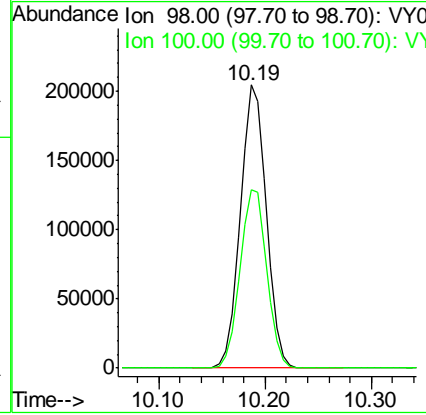
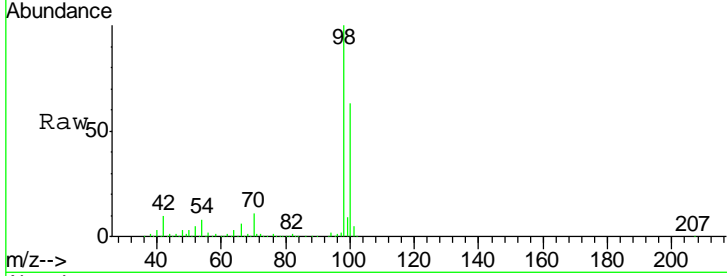




#50  
 Toluene-d8  
 Concen: 49.123 ug/l  
 RT: 10.19 min Scan# 1386  
 Delta R.T. -0.00 min  
 Lab File: VY002293.D  
 Acq: 13 Apr 2020 20:07

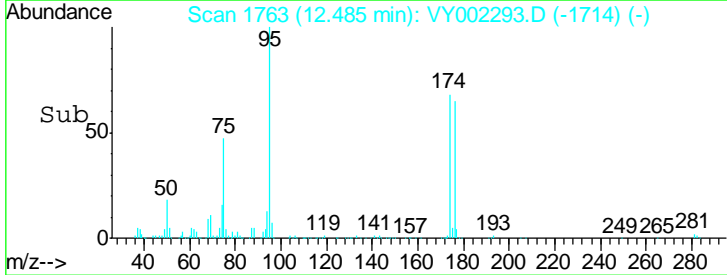
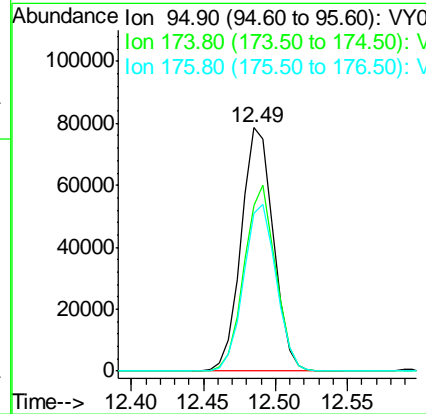
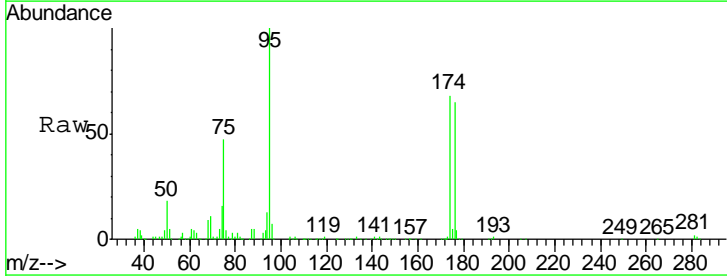
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 S-1A

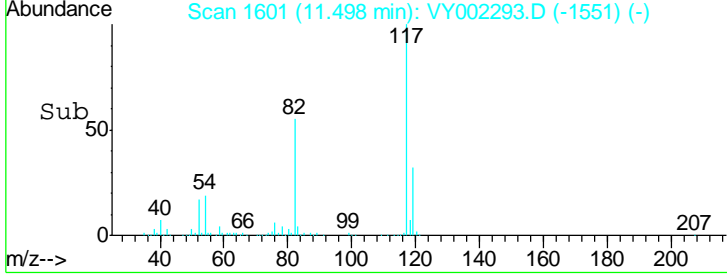
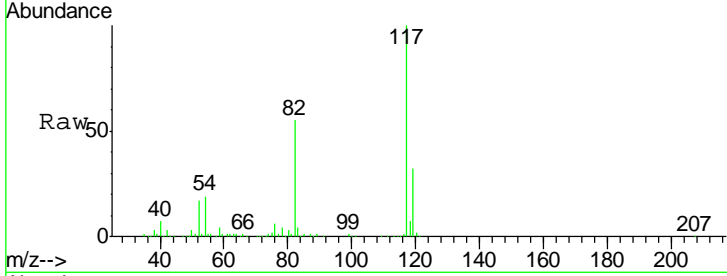
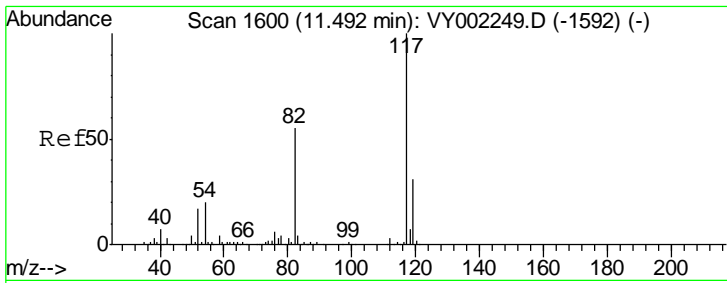
Tgt Ion: 98 Resp: 349439  
 Ion Ratio Lower Upper  
 98 100  
 100 65.1 52.6 78.8



#62  
 4-Bromofluorobenzene  
 Concen: 51.818 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. -0.00 min  
 Lab File: VY002293.D  
 Acq: 13 Apr 2020 20:07

Tgt Ion: 95 Resp: 121609  
 Ion Ratio Lower Upper  
 95 100  
 174 74.5 0.0 150.6  
 176 69.2 0.0 141.4

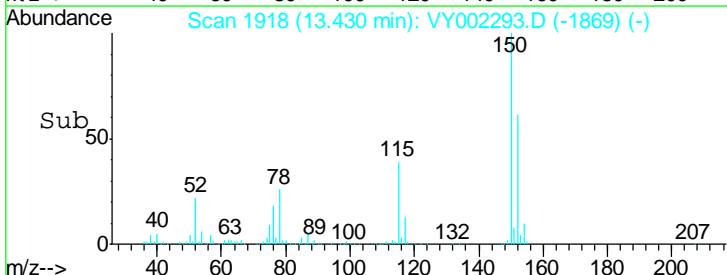
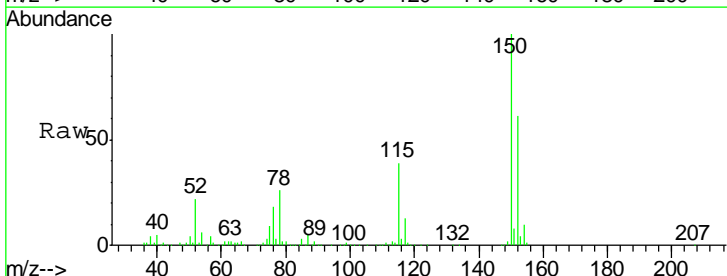
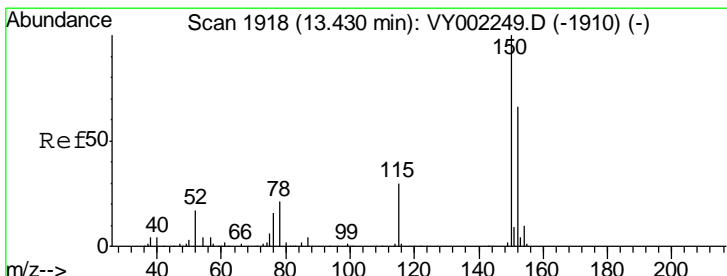
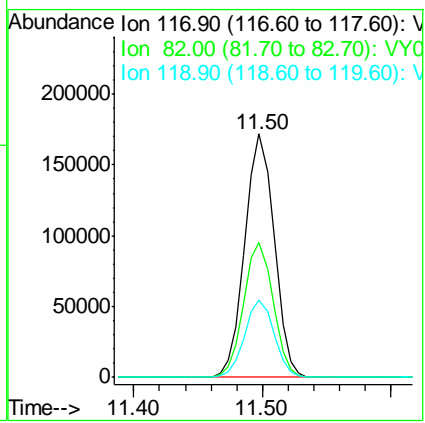




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.50 min Scan# 1601  
 Delta R.T. 0.01 min  
 Lab File: VY002293.D  
 Acq: 13 Apr 2020 20:07

Instrument : MSVOA\_Y  
 ClientSampled : S-1A

Tgt Ion	Resp	Lower	Upper
117	270888		
82	55.4	44.2	66.4
119	31.8	25.1	37.7



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.43 min Scan# 1918  
 Delta R.T. -0.00 min  
 Lab File: VY002293.D  
 Acq: 13 Apr 2020 20:07

Tgt Ion	Resp	Lower	Upper
152	113324		
115	61.3	30.7	92.1
150	159.5	0.0	350.6

