

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050120\  
 Data File : VY002519.D  
 Acq On : 01 May 2020 11:14  
 Operator : SY/MD  
 Sample : VY0501SBL01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0501SBL01

Quant Time: May 01 19:21:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y043020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 01 17:41:53 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	380518	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	570475	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	517265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	273007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	174802	54.63	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=		109.26%
35) Dibromofluoromethane	7.72	113	175229	53.71	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=		107.42%
50) Toluene-d8	10.18	98	677228	53.15	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=		106.30%
62) 4-Bromofluorobenzene	12.49	95	231567	53.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=		107.12%

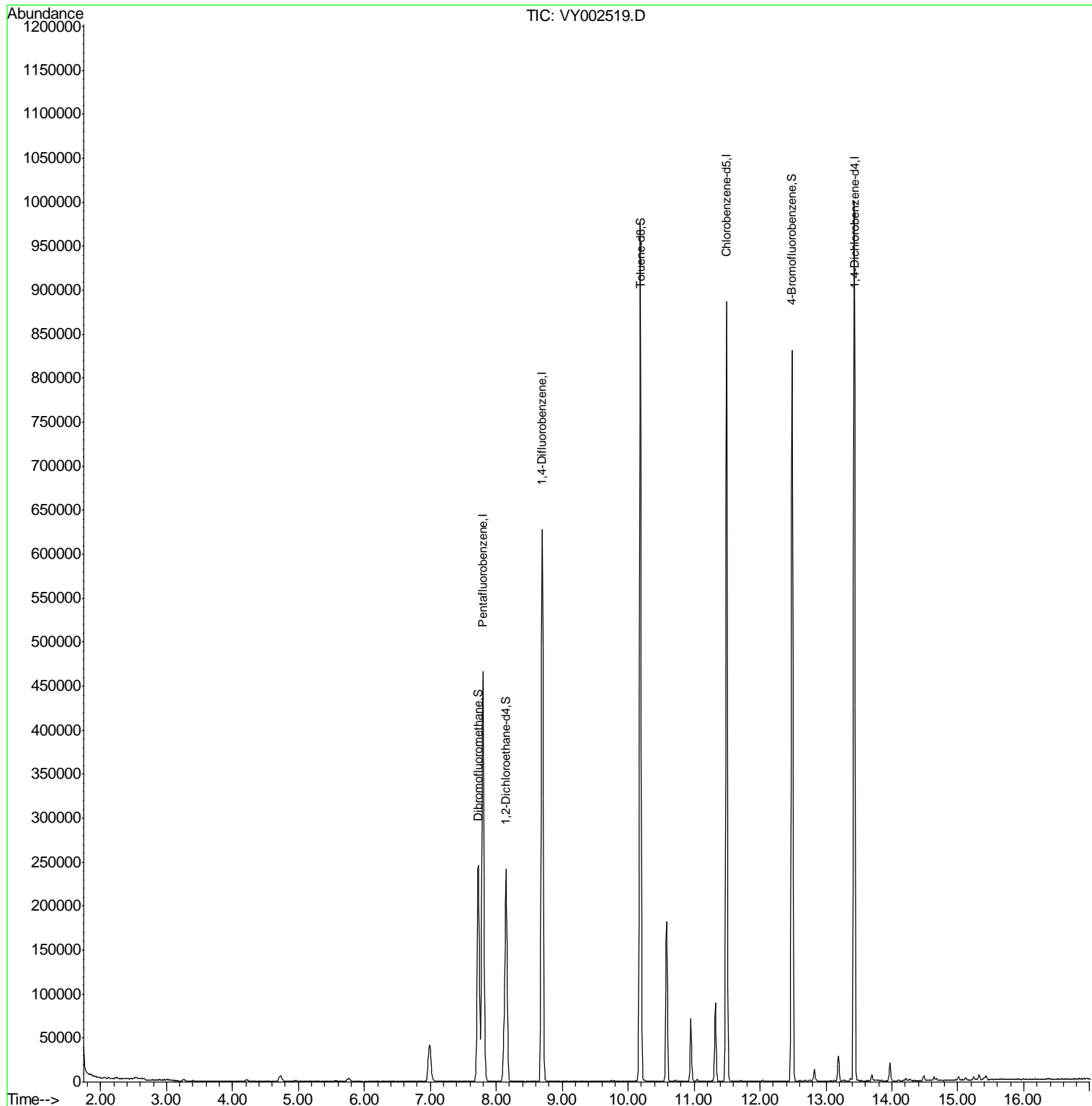
Target Compounds Qvalue

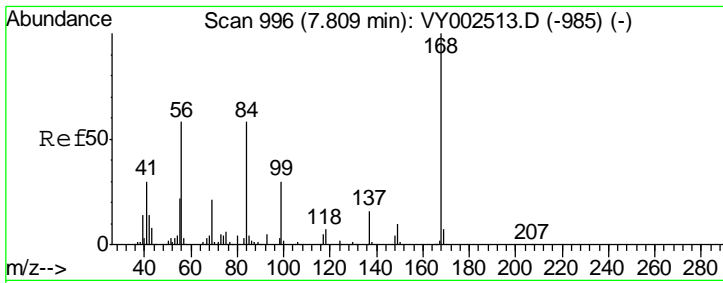
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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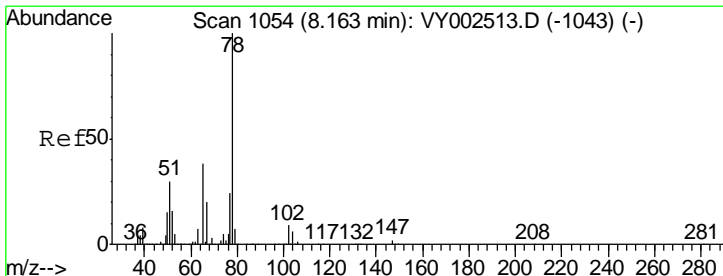
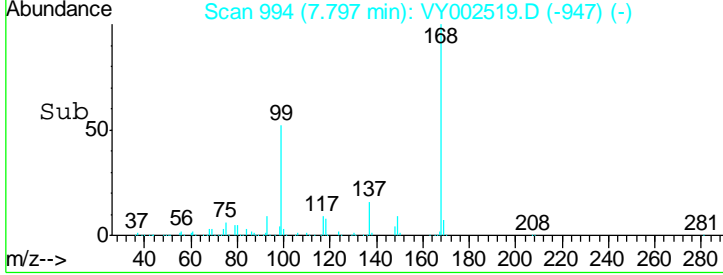
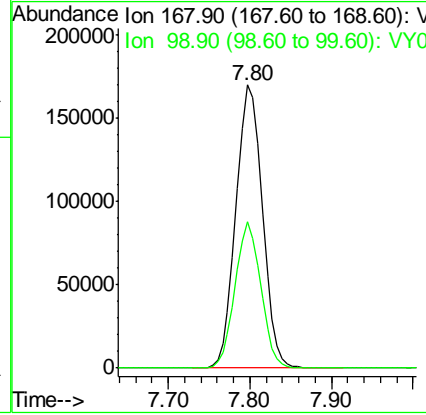
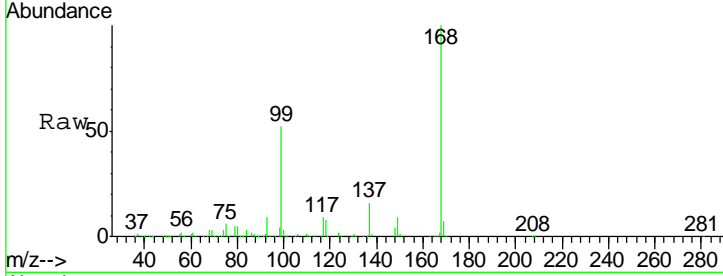




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.80 min Scan# 994  
 Delta R.T. -0.01 min  
 Lab File: VY002519.D  
 Acq: 01 May 2020 11:14

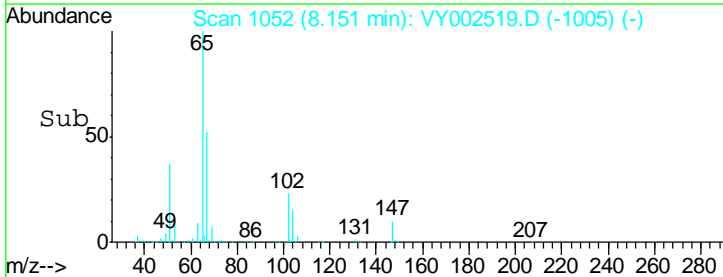
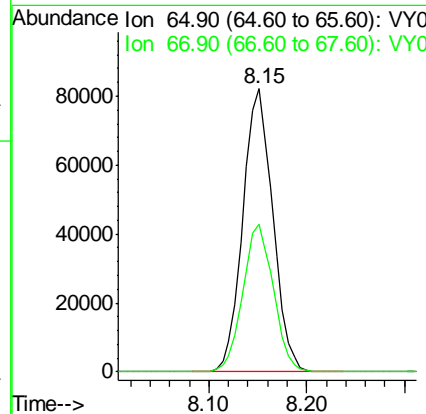
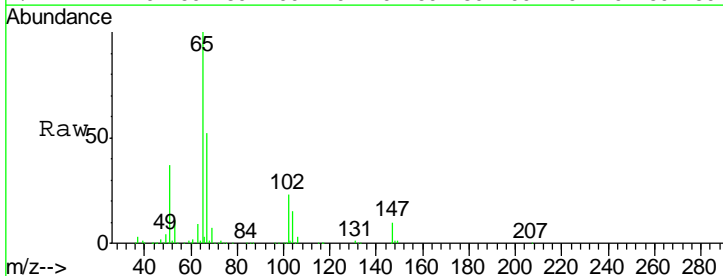
**Instrument :**  
 MSVOA\_Y  
**ClientSampled :**  
 VY0501SBL01

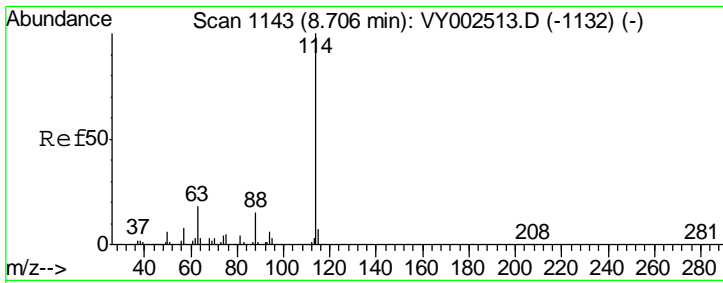
Tgt Ion: 168 Resp: 380518  
 Ion Ratio Lower Upper  
 168 100  
 99 51.7 39.2 58.8



#33  
 1,2-Dichloroethane-d4  
 Concen: 54.635 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. -0.01 min  
 Lab File: VY002519.D  
 Acq: 01 May 2020 11:14

Tgt Ion: 65 Resp: 174802  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 107.2

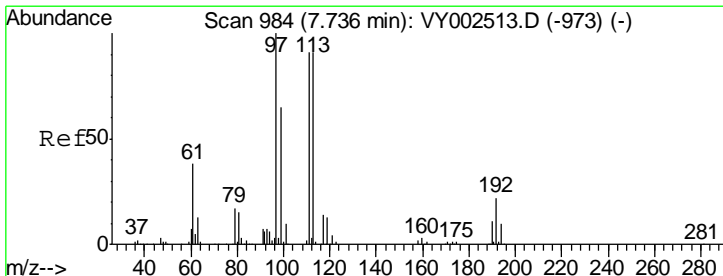
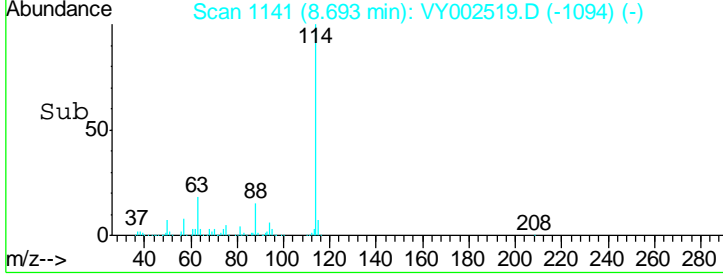
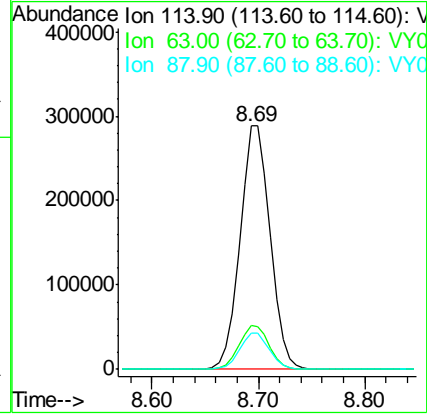
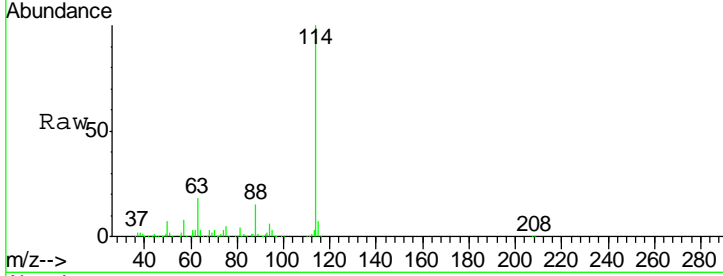




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.01 min  
 Lab File: VY002519.D  
 Acq: 01 May 2020 11:14

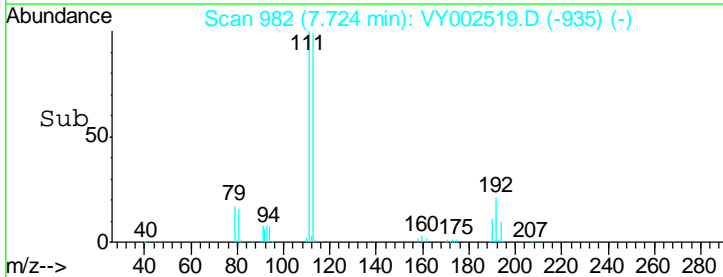
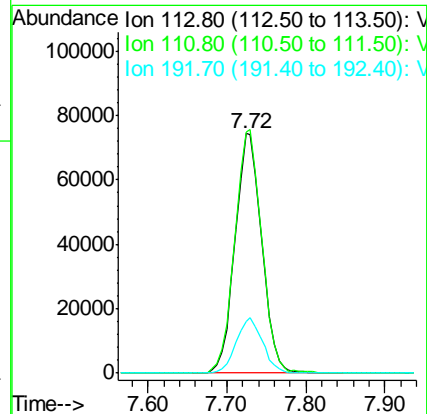
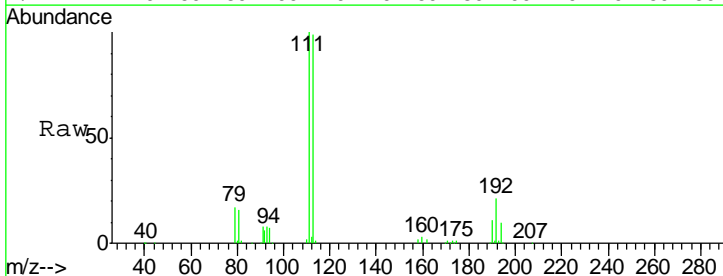
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0501SBL01

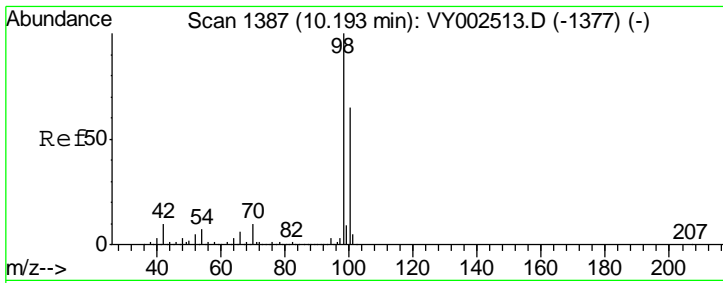
Tgt Ion	Resp	Lower	Upper
114	100		
63	18.0	0.0	36.4
88	14.7	0.0	29.6



#35  
 Dibromofluoromethane  
 Concen: 53.709 ug/l  
 RT: 7.72 min Scan# 982  
 Delta R.T. -0.01 min  
 Lab File: VY002519.D  
 Acq: 01 May 2020 11:14

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	22.8	18.2	27.4

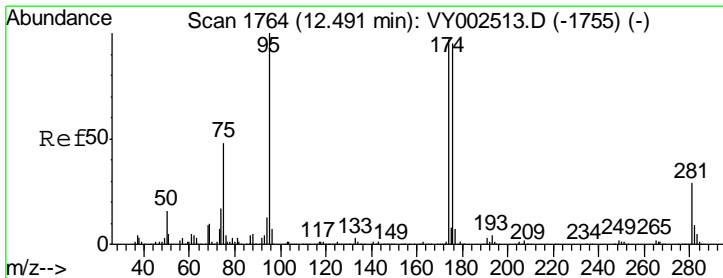
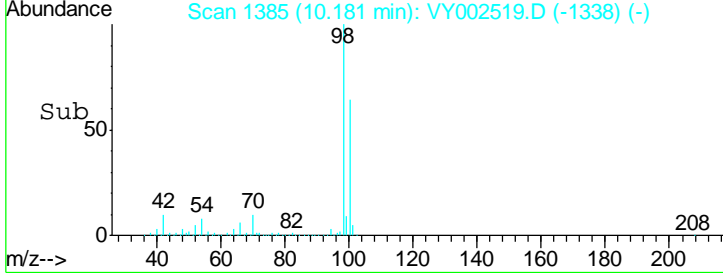
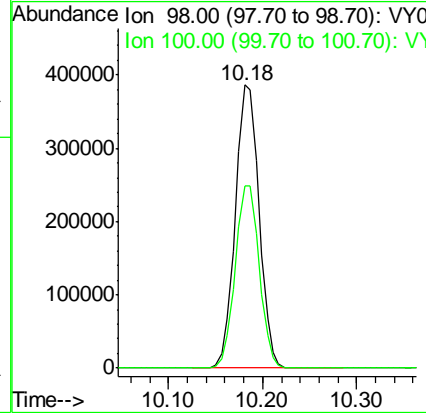
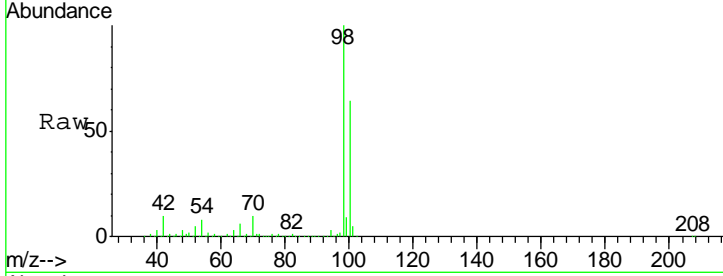




#50  
 Toluene-d8  
 Concen: 53.154 ug/l  
 RT: 10.18 min Scan# 1385  
 Delta R.T. -0.01 min  
 Lab File: VY002519.D  
 Acq: 01 May 2020 11:14

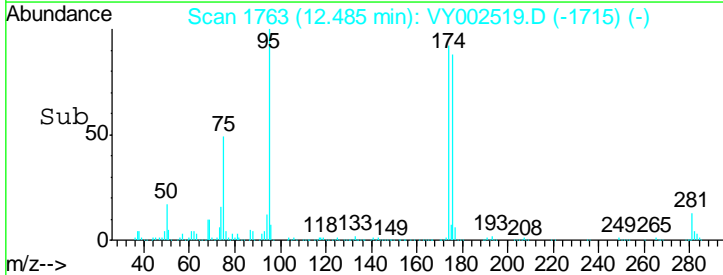
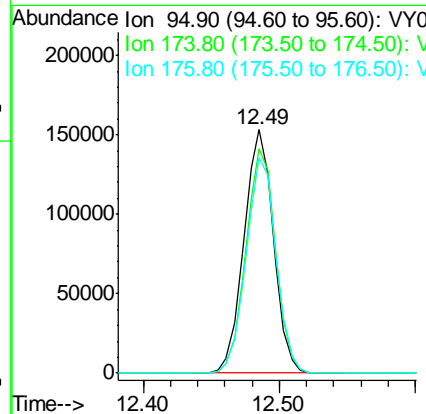
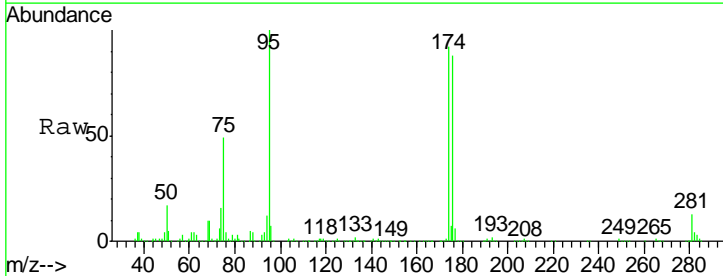
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VY0501SBL01

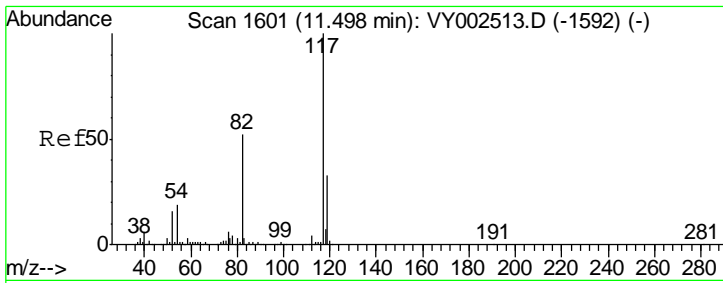
Tgt Ion: 98 Resp: 677228  
 Ion Ratio Lower Upper  
 98 100  
 100 65.1 52.2 78.2



#62  
 4-Bromofluorobenzene  
 Concen: 53.563 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. -0.01 min  
 Lab File: VY002519.D  
 Acq: 01 May 2020 11:14

Tgt Ion: 95 Resp: 231567  
 Ion Ratio Lower Upper  
 95 100  
 174 93.1 0.0 188.8  
 176 90.0 0.0 183.2

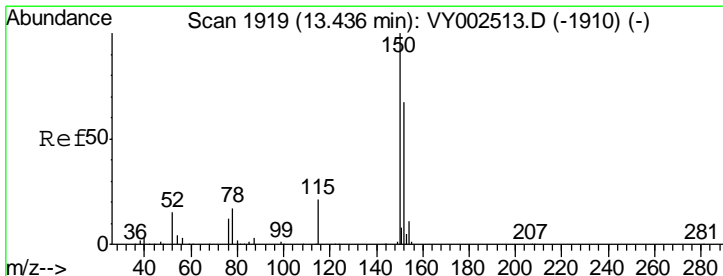
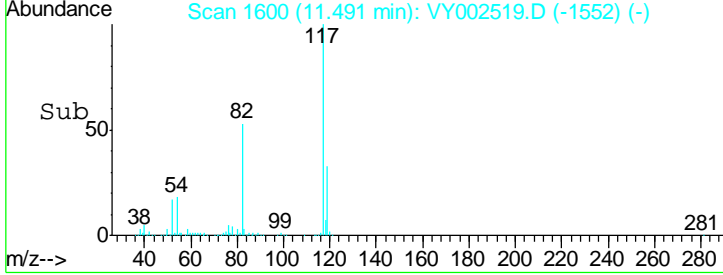
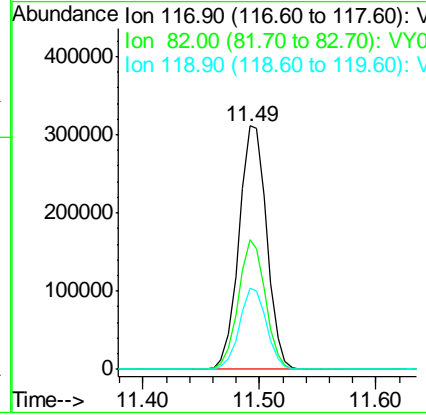
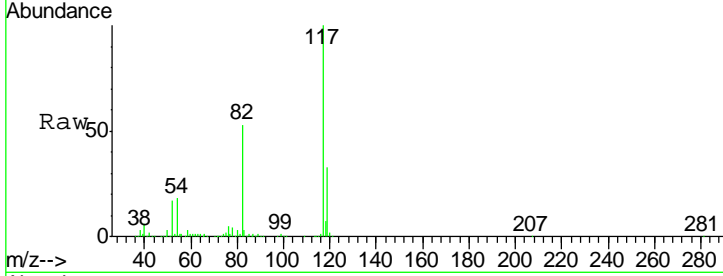




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.49 min Scan# 1600  
 Delta R.T. -0.01 min  
 Lab File: VY002519.D  
 Acq: 01 May 2020 11:14

Instrument : MSVOA\_Y  
 ClientSampled : VY0501SBL01

Tgt Ion	Resp	Lower	Upper
117	517265		
82	53.4	41.3	61.9
119	33.2	26.0	39.0



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.43 min Scan# 1918  
 Delta R.T. -0.01 min  
 Lab File: VY002519.D  
 Acq: 01 May 2020 11:14

Tgt Ion	Resp	Lower	Upper
152	273007		
115	54.2	27.5	82.4
150	157.0	0.0	346.4

