

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\  
 Data File : VW016294.D  
 Acq On : 21 Aug 2020 05:50  
 Operator : SY/VA  
 Sample : L3729-02  
 Misc : 4.49G/5ML/MSVOA W/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 SB-4-(3-4)

Quant Time: Aug 21 08:22:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 17 08:01:41 2020  
 Response via : Initial Calibration

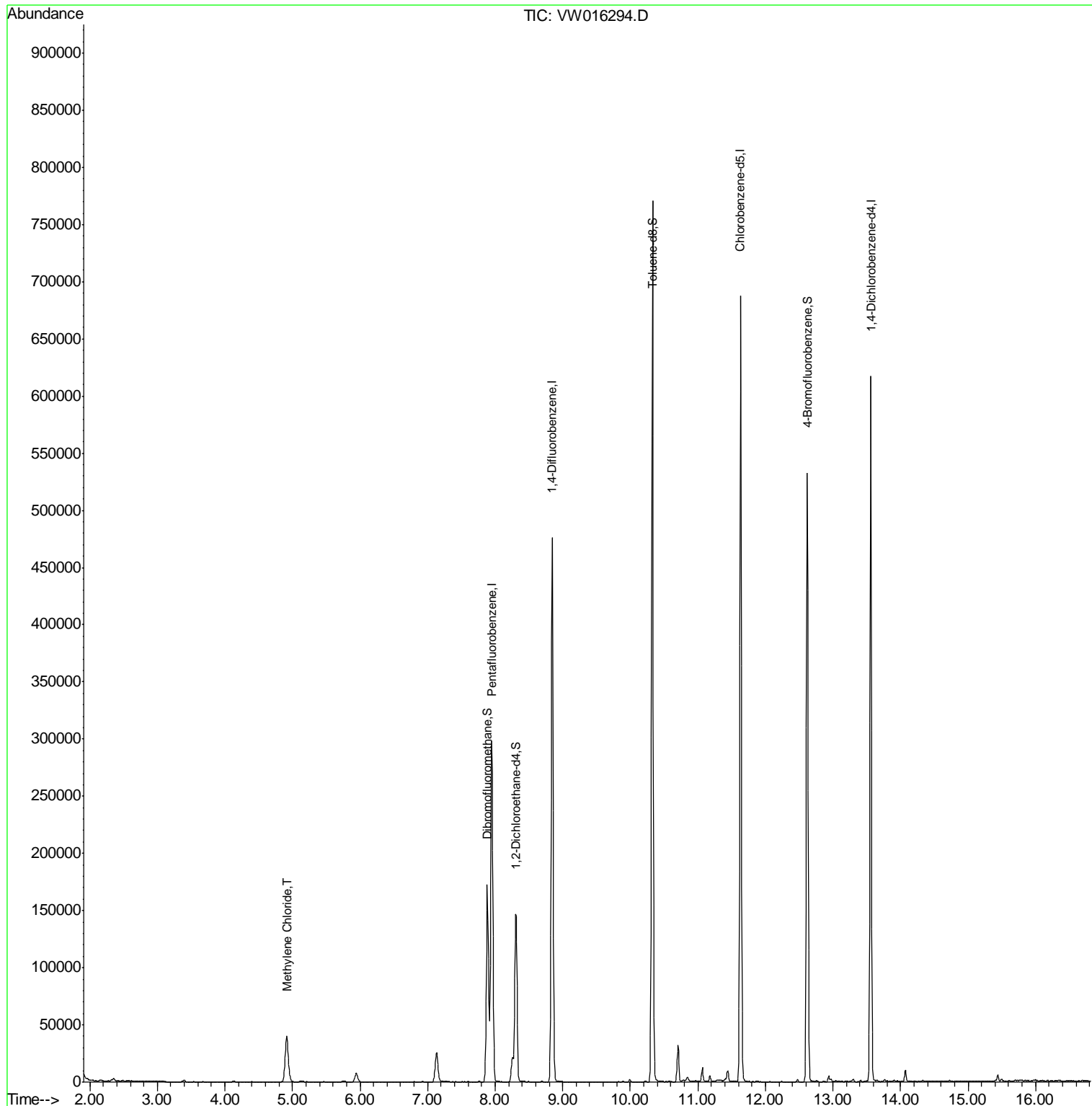
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120701	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
35) Dibromofluoromethane	7.88	113	127564	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	10.33	98	526278	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.62	95	184037	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
Target Compounds						Qvalue
20) Methylene Chloride	4.92	84	34540	8.765	ug/l	96

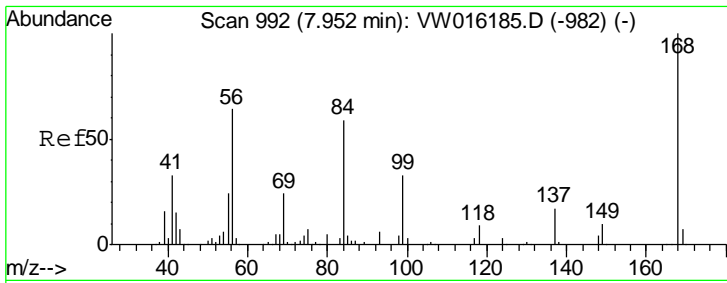
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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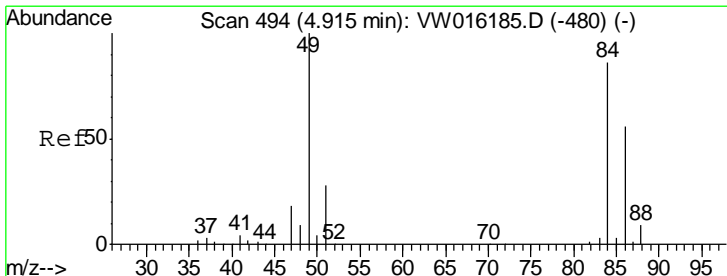
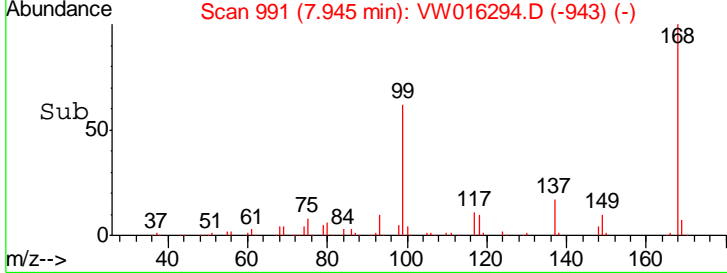
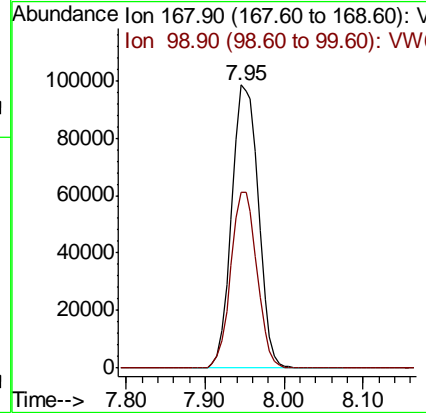
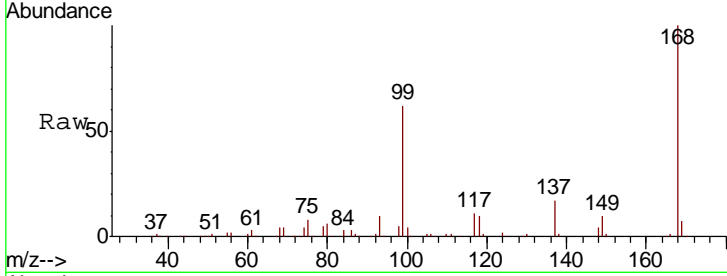




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.01 min  
 Lab File: VW016294.D  
 Acq: 21 Aug 2020 05:50

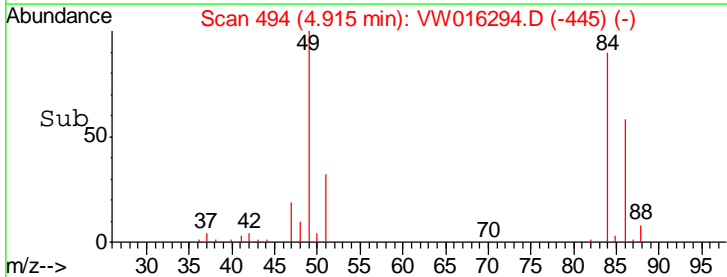
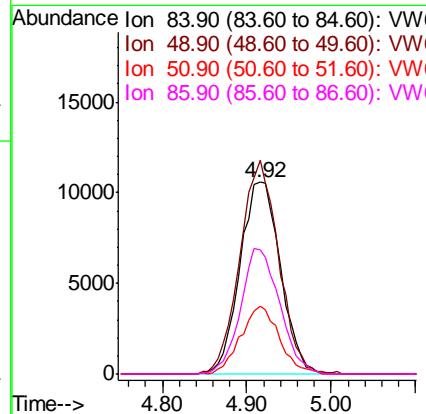
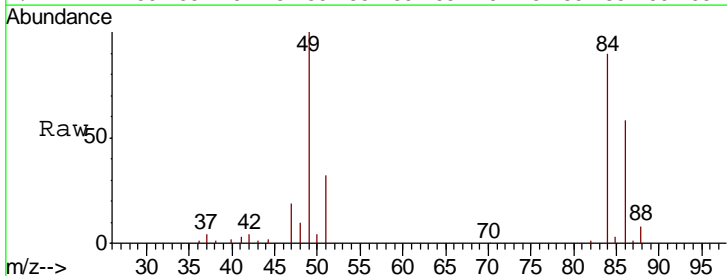
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-4-(3-4)

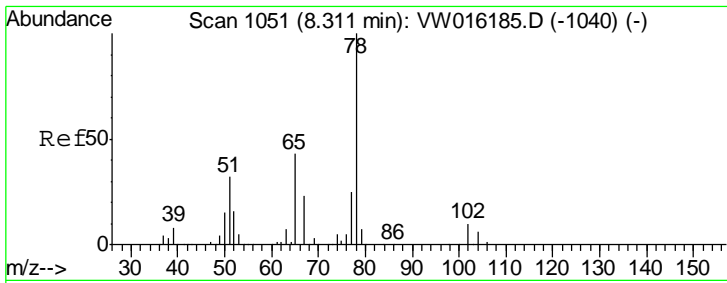
Tgt Ion: 168 Resp: 231800  
 Ion Ratio Lower Upper  
 168 100  
 99 62.3 48.3 72.5



#20  
 Methylene Chloride  
 Concen: 8.765 ug/l  
 RT: 4.92 min Scan# 494  
 Delta R.T. 0.00 min  
 Lab File: VW016294.D  
 Acq: 21 Aug 2020 05:50

Tgt Ion: 84 Resp: 34540  
 Ion Ratio Lower Upper  
 84 100  
 49 111.3 93.4 140.2  
 51 35.7 26.6 40.0  
 86 64.4 52.2 78.2

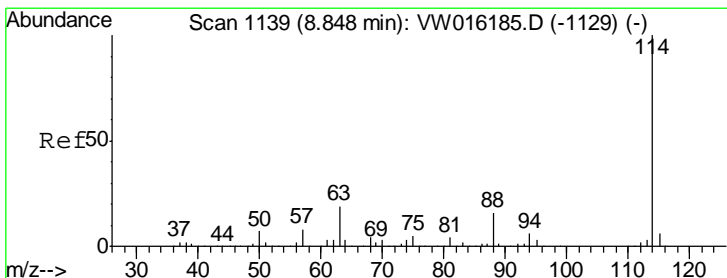
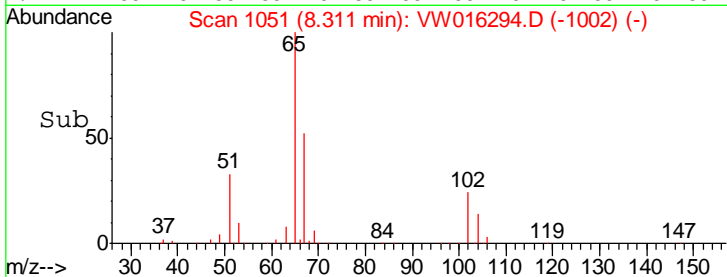
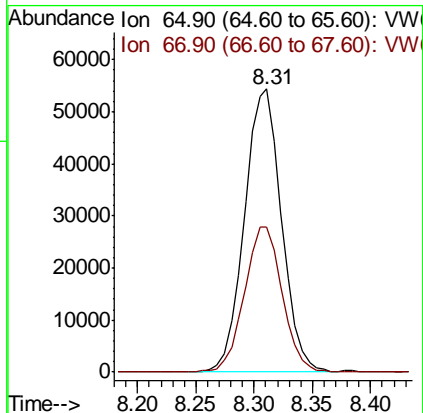
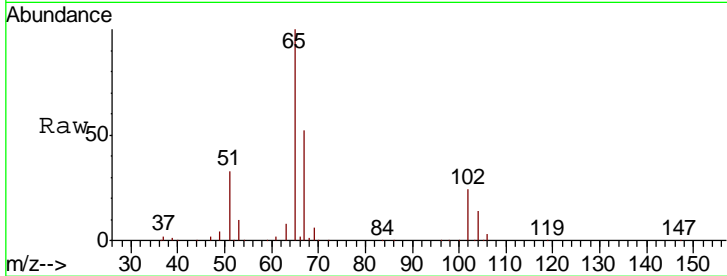




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.395 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. -0.00 min  
 Lab File: VW016294.D  
 Acq: 21 Aug 2020 05:50

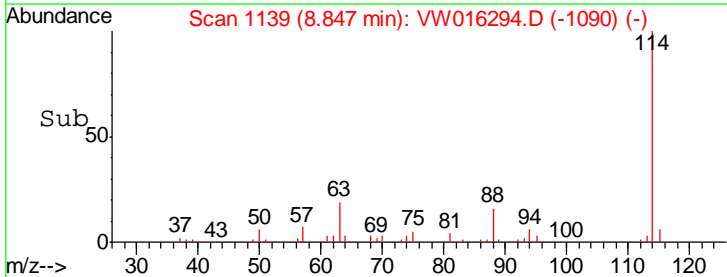
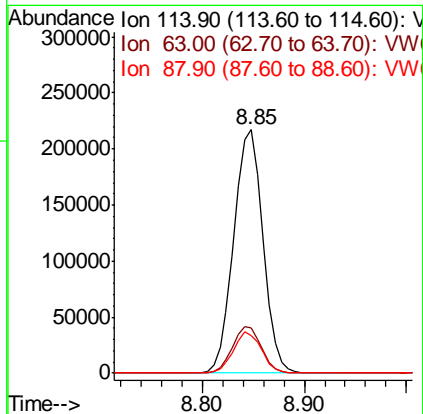
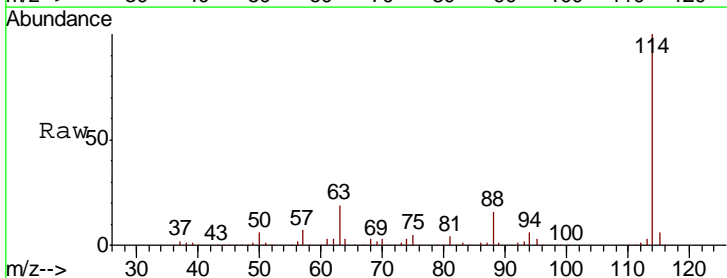
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 SB-4-(3-4)

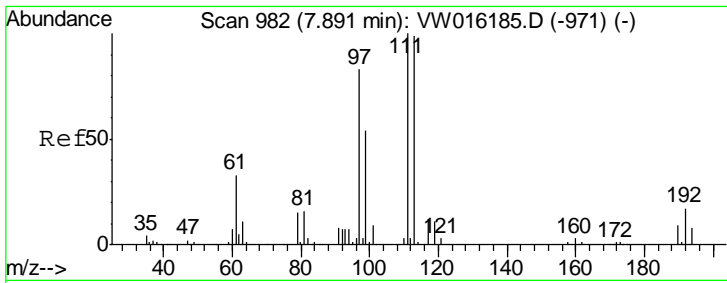
Tgt Ion	Resp	Lower	Upper
65	120701		
67	52.6	0.0	105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. -0.00 min  
 Lab File: VW016294.D  
 Acq: 21 Aug 2020 05:50

Tgt Ion	Resp	Lower	Upper
114	429545		
63	18.6	0.0	38.4
88	15.7	0.0	32.8

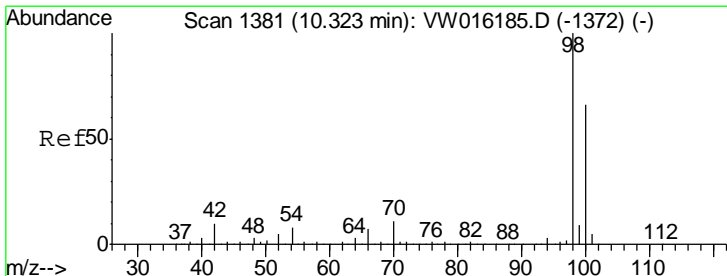
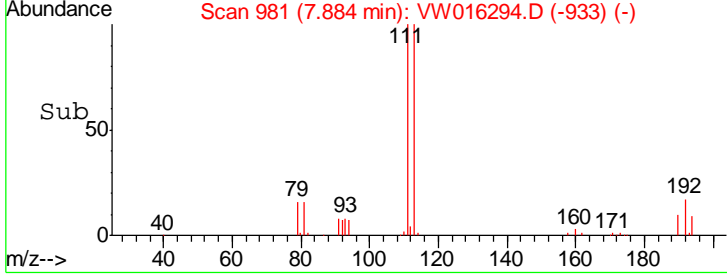
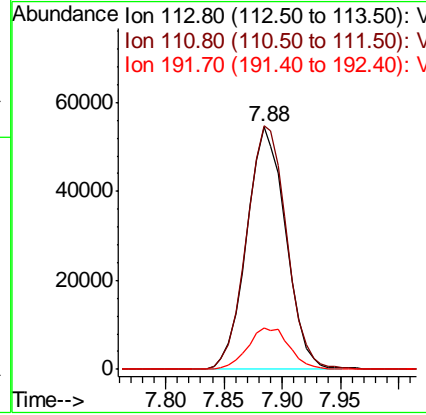
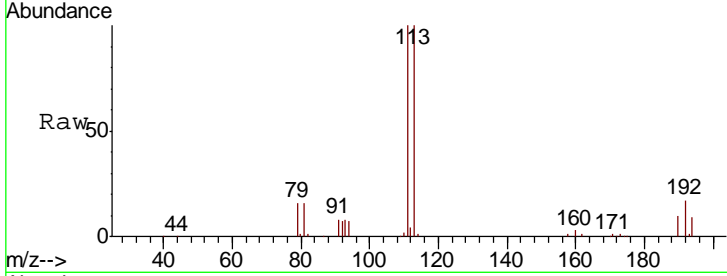




#35  
 Dibromofluoromethane  
 Concen: 48.131 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.01 min  
 Lab File: VW016294.D  
 Acq: 21 Aug 2020 05:50

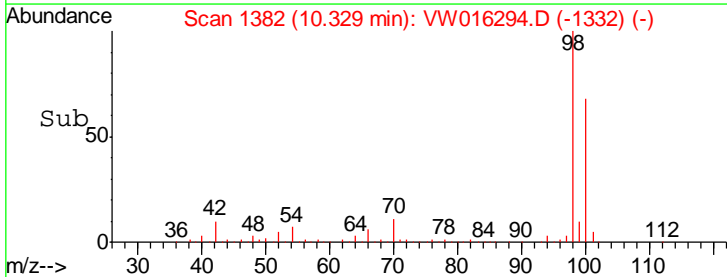
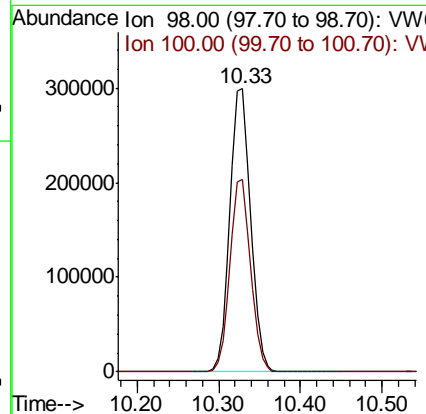
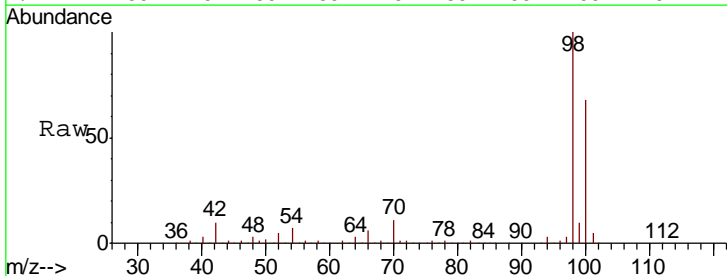
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 SB-4-(3-4)

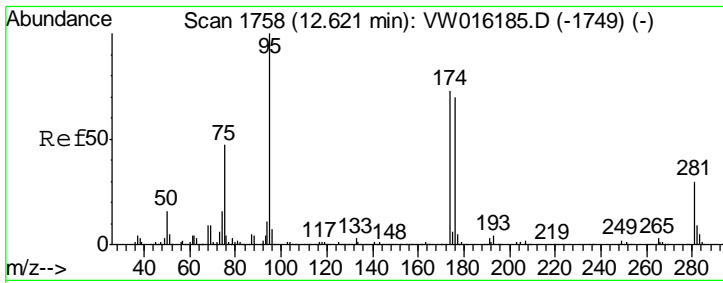
Tgt Ion	Resp	Lower	Upper
113	127564		
111	103.0	83.5	125.3
192	18.3	14.3	21.5



#50  
 Toluene-d8  
 Concen: 51.299 ug/l  
 RT: 10.33 min Scan# 1382  
 Delta R.T. 0.01 min  
 Lab File: VW016294.D  
 Acq: 21 Aug 2020 05:50

Tgt Ion	Resp	Lower	Upper
98	526278		
100	67.2	53.5	80.3

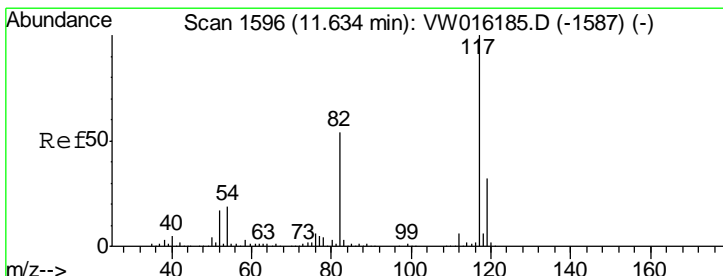
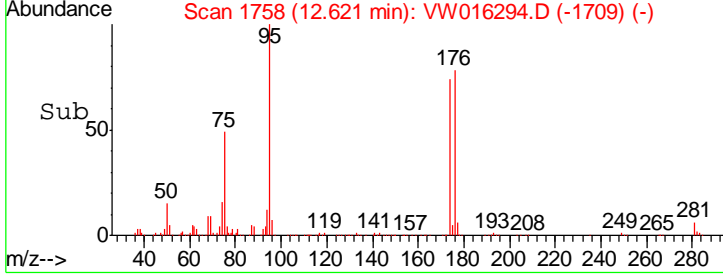
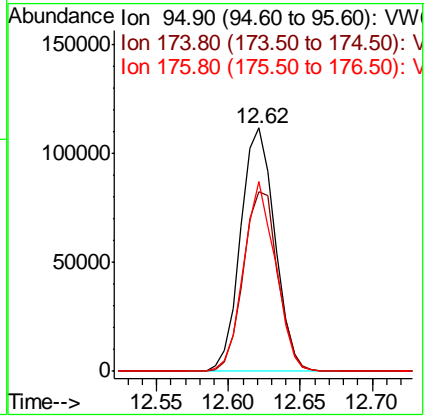
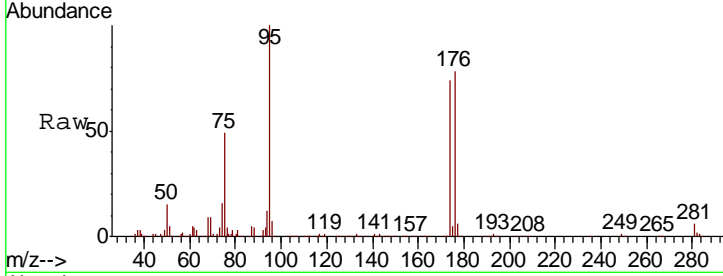




#62  
 4-Bromofluorobenzene  
 Concen: 50.186 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW016294.D  
 Acq: 21 Aug 2020 05:50

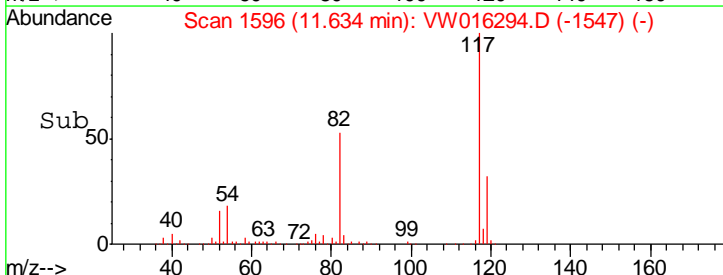
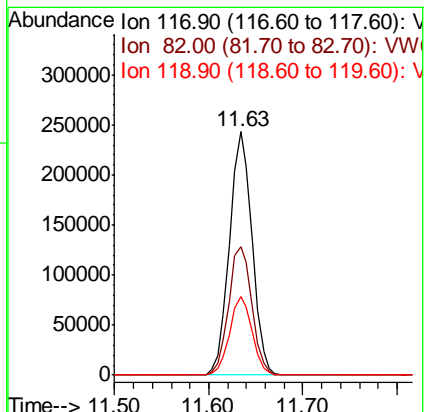
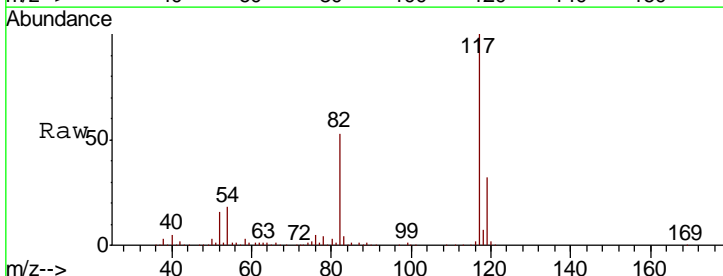
Instrument : MSVOA\_W  
 Client Sampled : SB-4-(3-4)

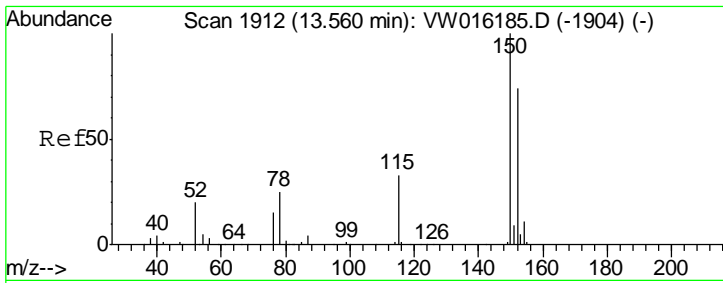
Tgt Ion	Resp	Lower	Upper
95	184037		
174	74.3	0.0	145.6
176	72.3	0.0	137.8



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: VW016294.D  
 Acq: 21 Aug 2020 05:50

Tgt Ion	Resp	Lower	Upper
117	404414		
82	52.9	43.6	65.4
119	32.0	25.4	38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.56 min Scan# 1912  
 Delta R.T. -0.00 min  
 Lab File: VW016294.D  
 Acq: 21 Aug 2020 05:50

Instrument : MSVOA\_W  
 ClientSampled : SB-4-(3-4)

Tot Ion	Resp	Lower	Upper
152	100		
115	63.5	30.9	92.5
150	158.3	0.0	337.8

