

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\  
 Data File : VX013489.D  
 Acq On : 20 Nov 2019 19:51  
 Operator : JC/SP  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Nov 21 08:01:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 02 07:06:38 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	729925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1166341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1043601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	487645	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	422277	48.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.66%	
35) Dibromofluoromethane	5.49	113	352528	48.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	1397694	50.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.14	95	472000	47.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.84%	

## Target Compounds

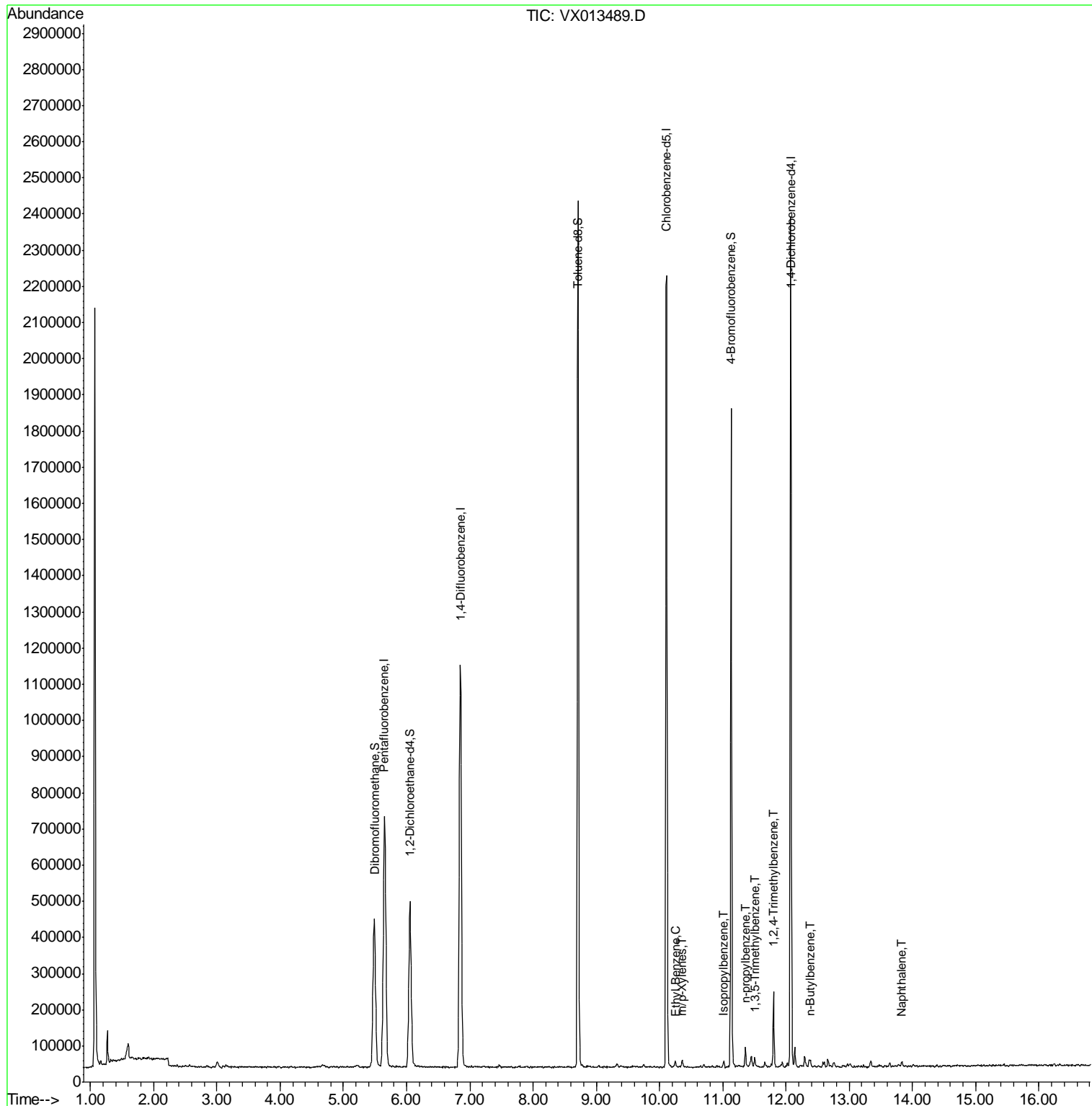
					Qvalue	
67) Ethyl Benzene	10.25	91	10828	0.297	ug/l	97
68) m/p-Xylenes	10.36	106	5235	0.380	ug/l	98
73) Isopropylbenzene	11.01	105	10452	0.323	ug/l	92
78) n-propylbenzene	11.35	91	30735	0.853	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	10251	0.381	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	95035	3.518	ug/l	97
89) n-Butylbenzene	12.39	91	8132	0.325	ug/l #	74
95) Naphthalene	13.83	128	11363	0.338	ug/l #	91

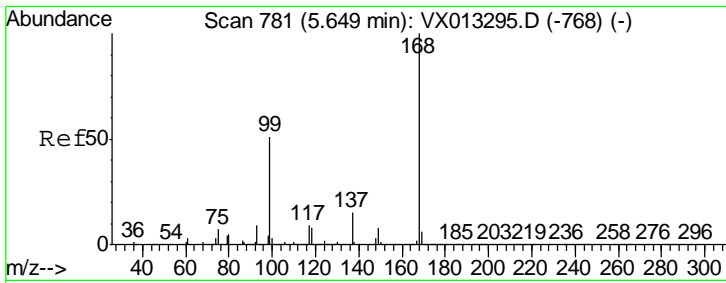
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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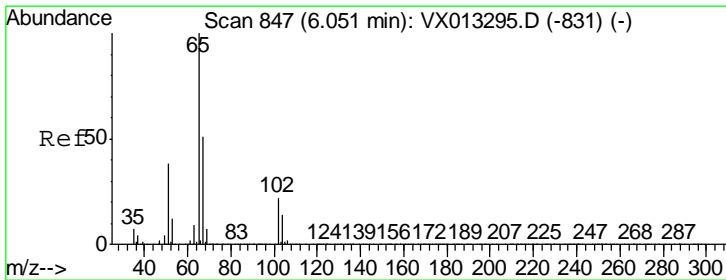
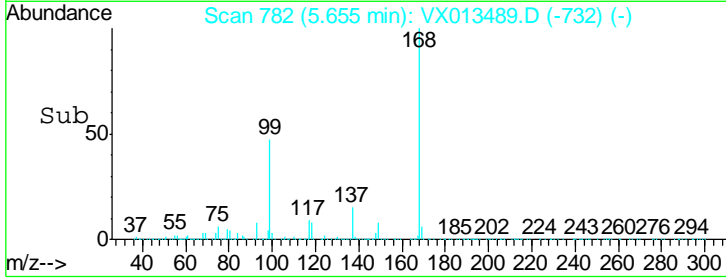
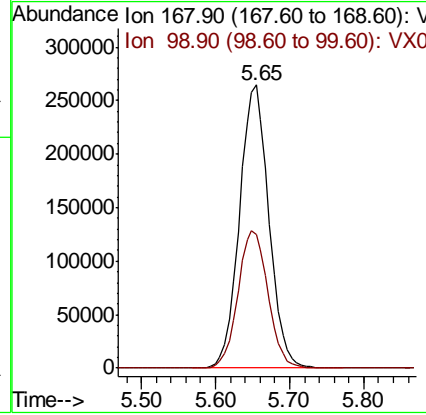
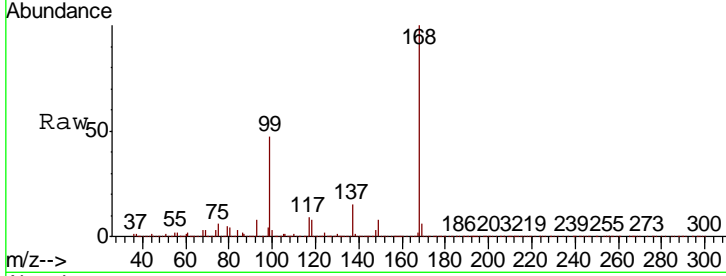




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.65 min Scan# 782  
 Delta R.T. 0.01 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

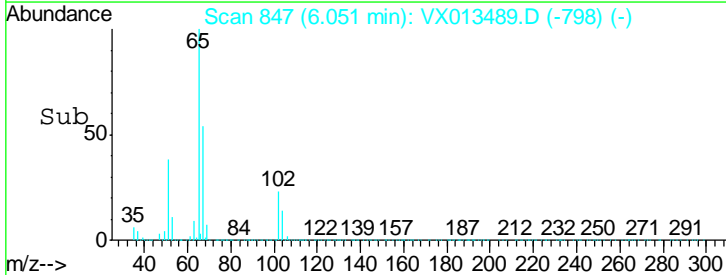
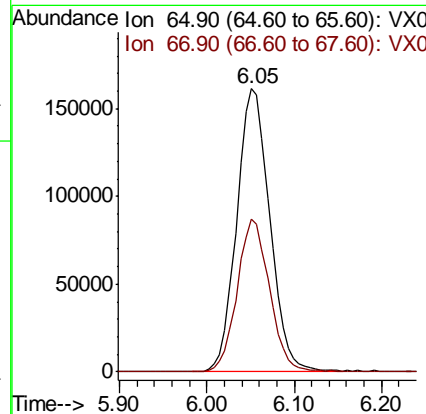
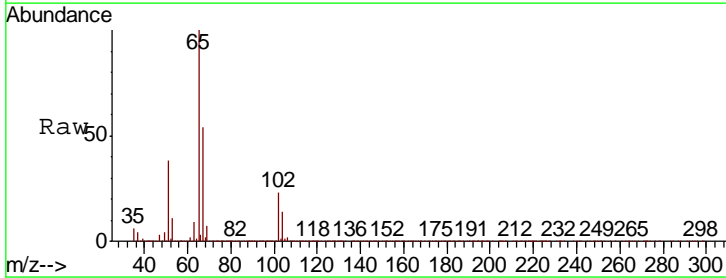
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK

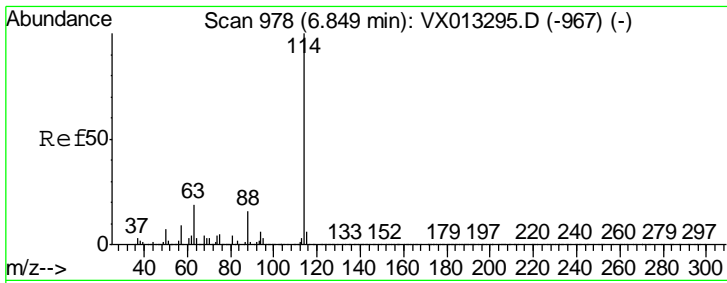
Tgt Ion: 168 Resp: 729925  
 Ion Ratio Lower Upper  
 168 100  
 99 47.1 40.8 61.2



#33  
 1,2-Dichloroethane-d4  
 Concen: 48.833 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

Tgt Ion: 65 Resp: 422277  
 Ion Ratio Lower Upper  
 65 100  
 67 52.6 0.0 104.2

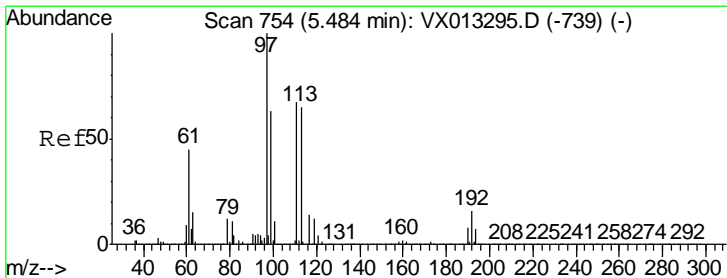
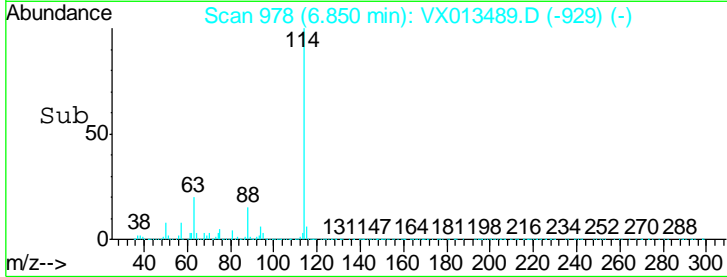
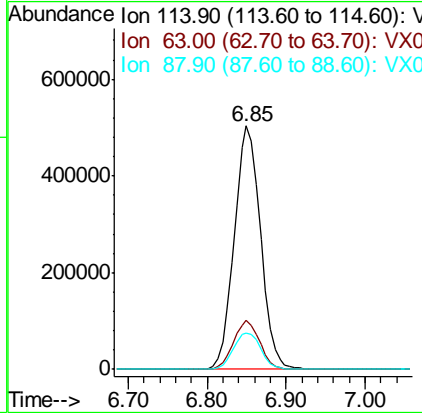
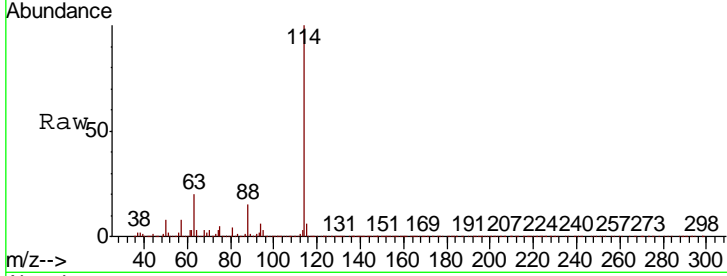




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

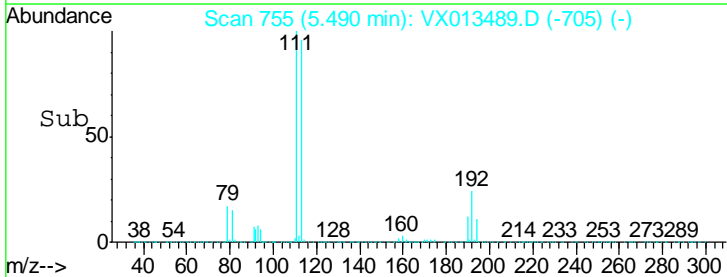
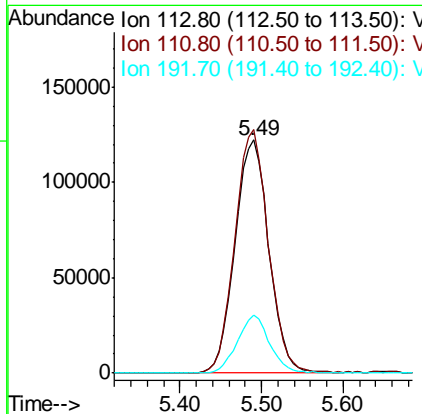
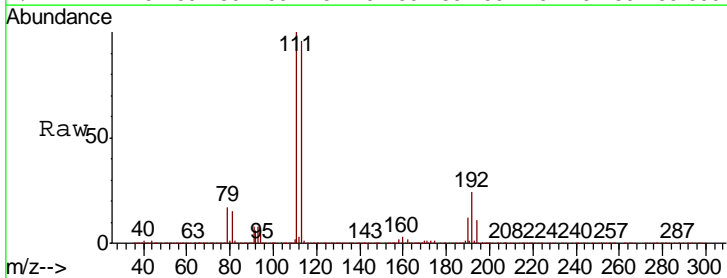
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK

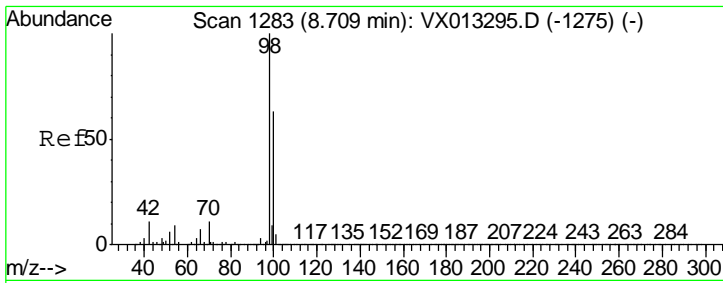
Tgt Ion	Resp	Lower	Upper
114	1166341		
63	20.0	0.0	38.4
88	14.8	0.0	32.2



#35  
 Dibromofluoromethane  
 Concen: 48.190 ug/l  
 RT: 5.49 min Scan# 755  
 Delta R.T. 0.01 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

Tgt Ion	Resp	Lower	Upper
113	352528		
111	102.6	81.9	122.9
192	23.7	19.1	28.7

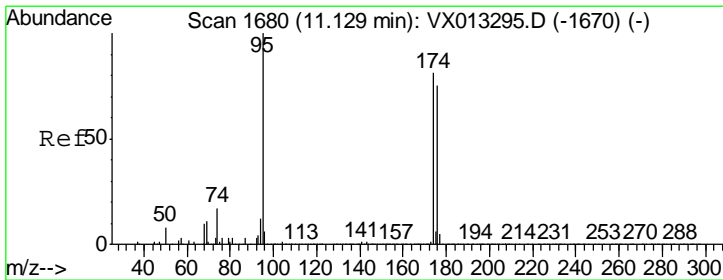
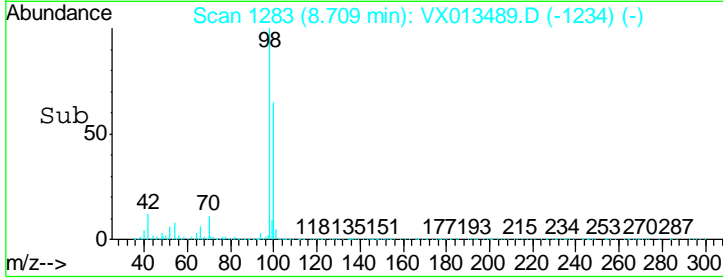
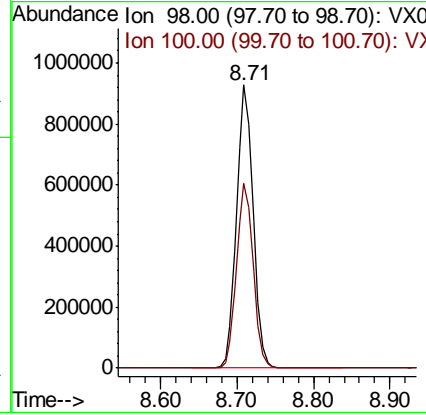
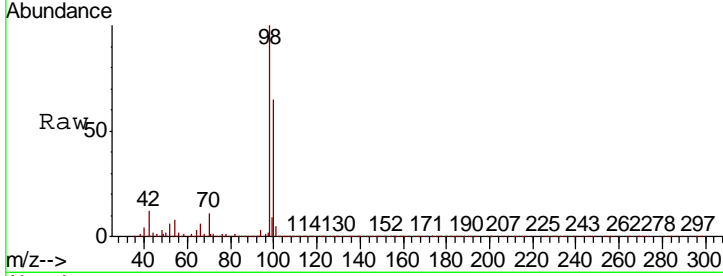




#50  
 Toluene-d8  
 Concen: 50.681 ug/l  
 RT: 8.71 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

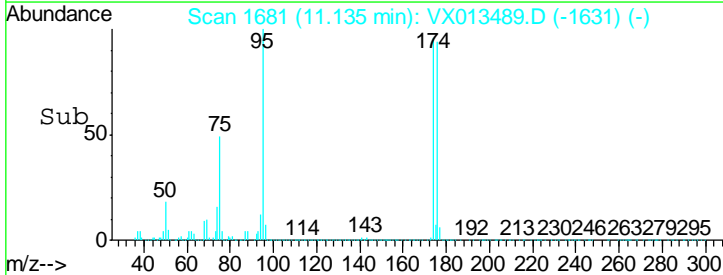
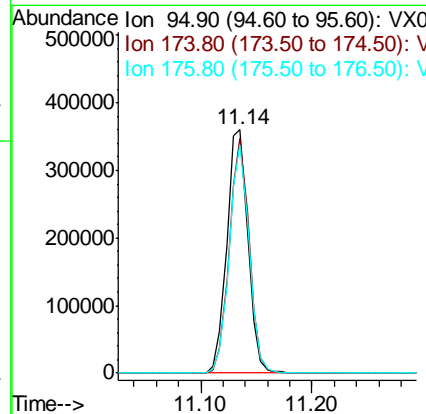
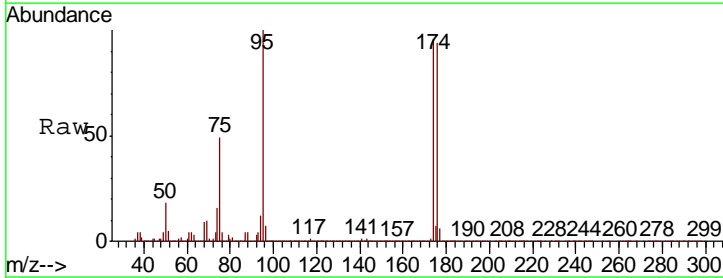
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 BLK

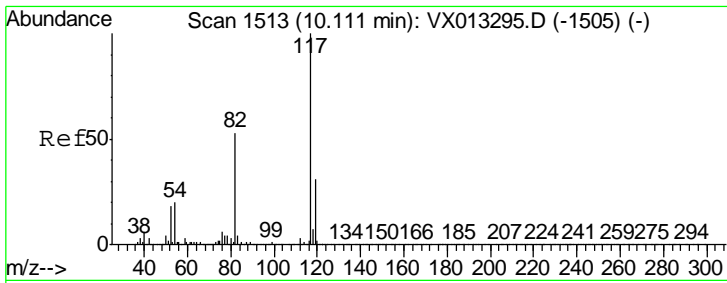
Tgt Ion	Resp	Lower	Upper
98	1397694		
100	65.6	52.2	78.2



#62  
 4-Bromofluorobenzene  
 Concen: 47.422 ug/l  
 RT: 11.14 min Scan# 1681  
 Delta R.T. 0.01 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

Tgt Ion	Resp	Lower	Upper
95	472000		
174	90.8	0.0	179.8
176	88.5	0.0	173.0

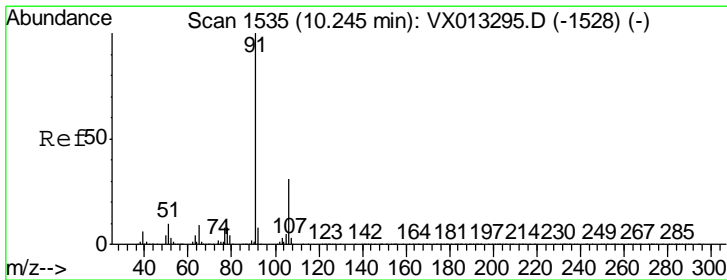
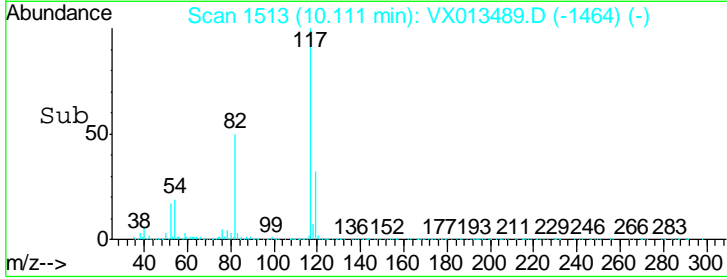
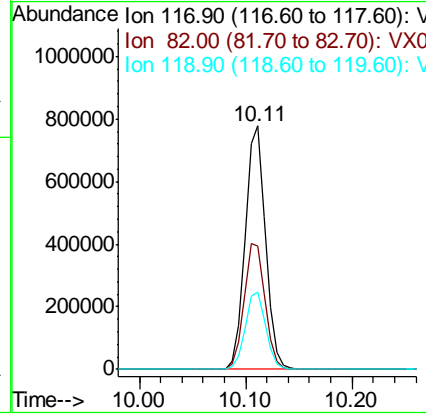
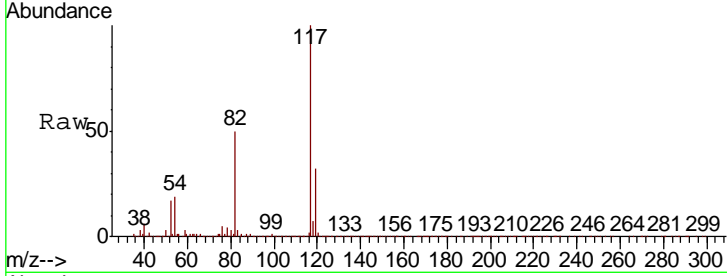




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.11 min Scan# 1513  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

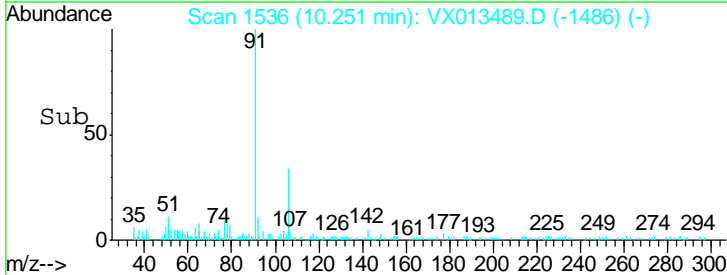
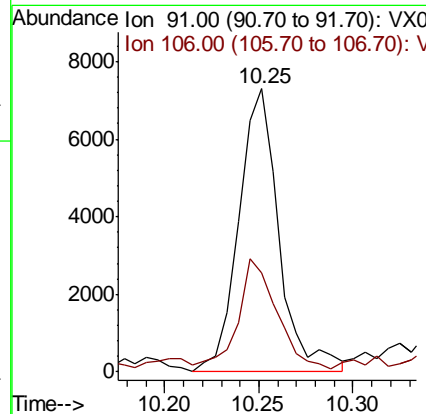
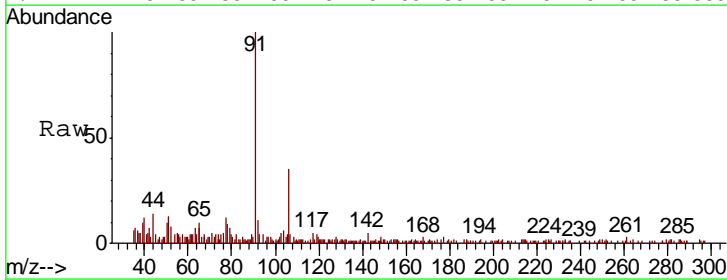
Instrument : MSVOA\_X  
 ClientSampled : IBLK

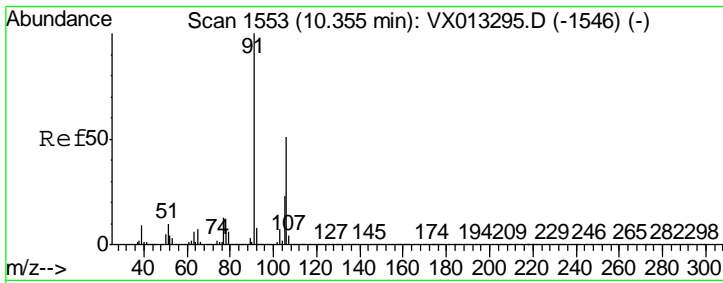
Tgt Ion	Resp	Lower	Upper
117	1043601		
82	50.4	42.6	64.0
119	31.8	24.8	37.2



#67  
 Ethyl Benzene  
 Concen: 0.297 ug/l  
 RT: 10.25 min Scan# 1536  
 Delta R.T. 0.01 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

Tgt Ion	Resp	Lower	Upper
91	10828		
106	32.6	24.6	36.8

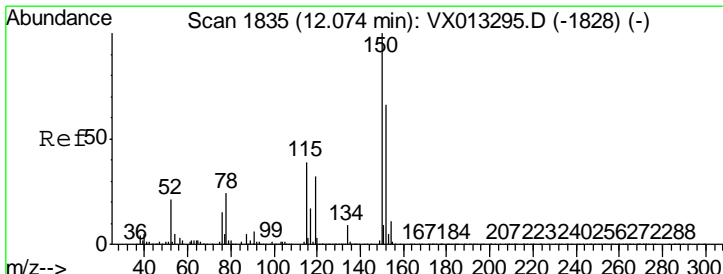
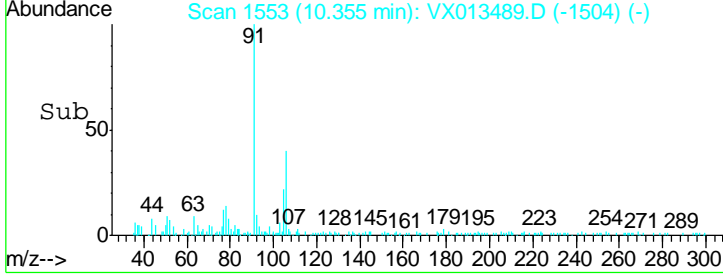
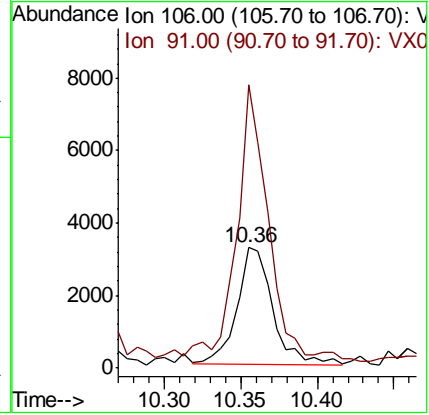
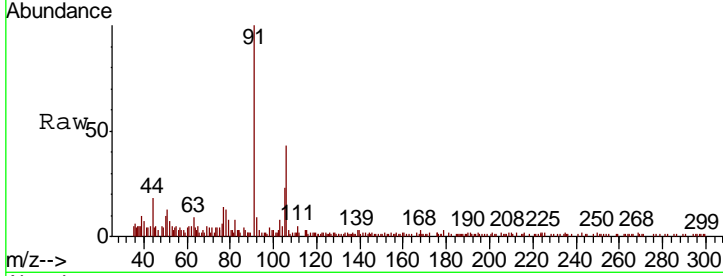




#68  
 m/p-Xylenes  
 Concen: 0.380 ug/l  
 RT: 10.36 min Scan# 1553  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

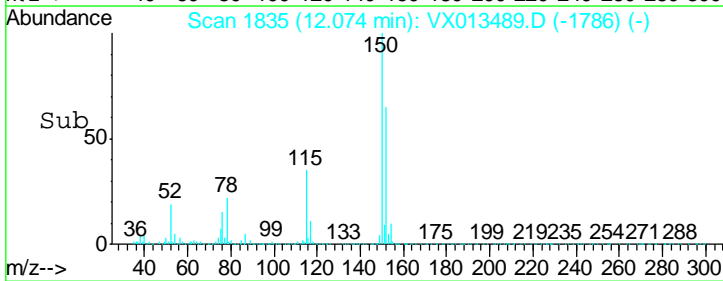
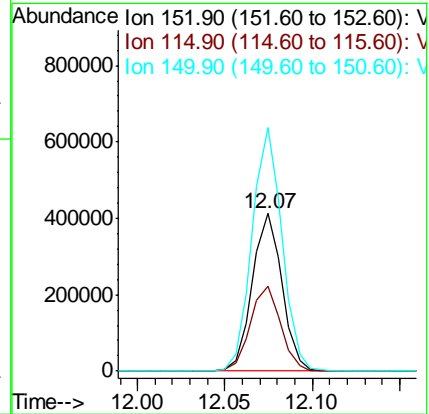
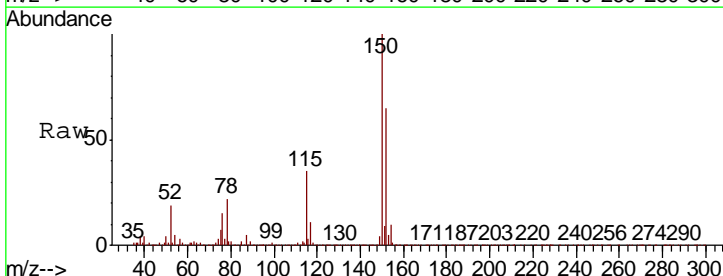
Instrument : MSVOA\_X  
 Client Sampled : IBLK

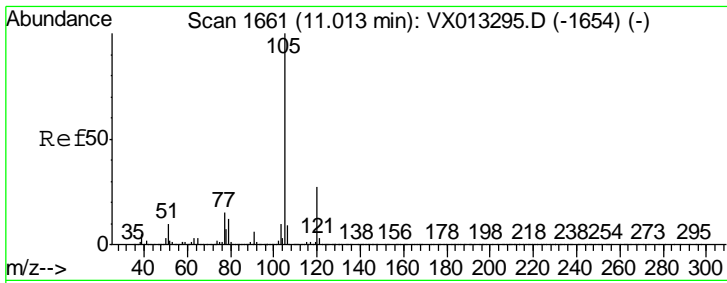
Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.4	159.3	238.9



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.07 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.5	118.3
150	155.7	0.0	344.4

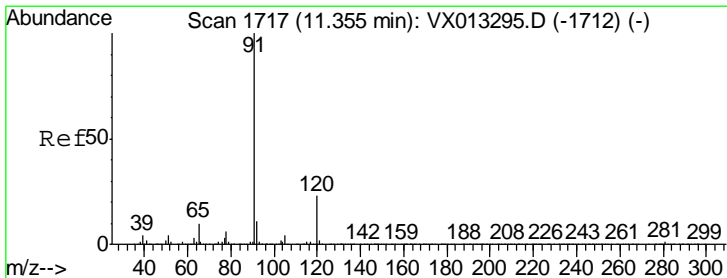
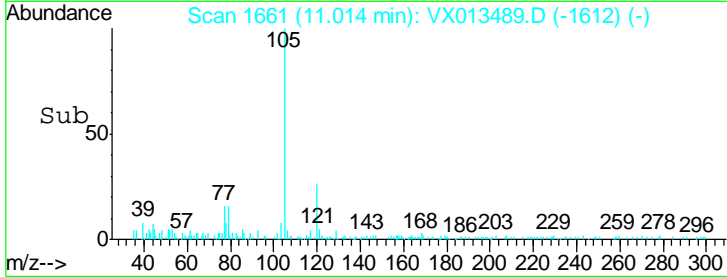
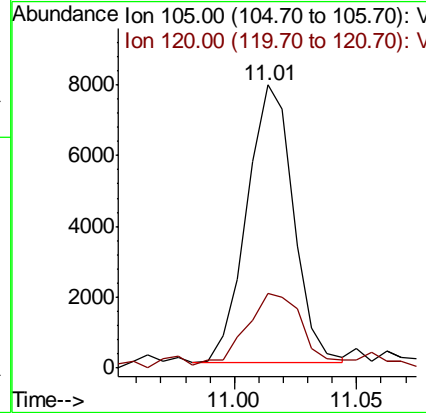
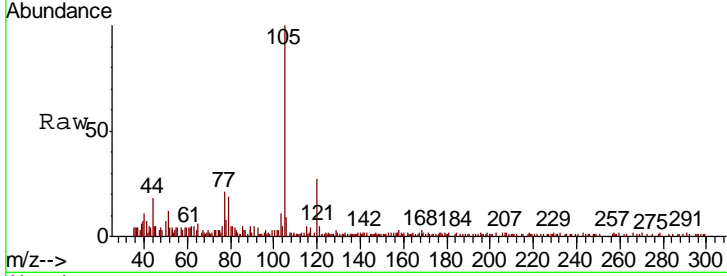




#73  
 Isopropylbenzene  
 Concen: 0.323 ug/l  
 RT: 11.01 min Scan# 1661  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

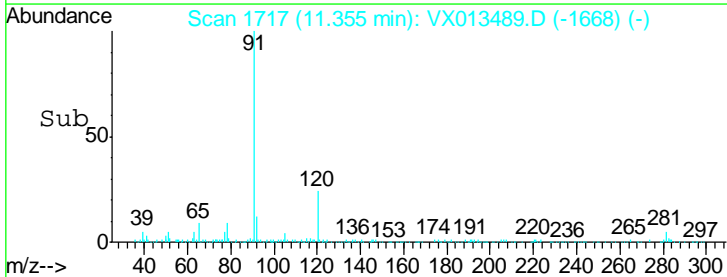
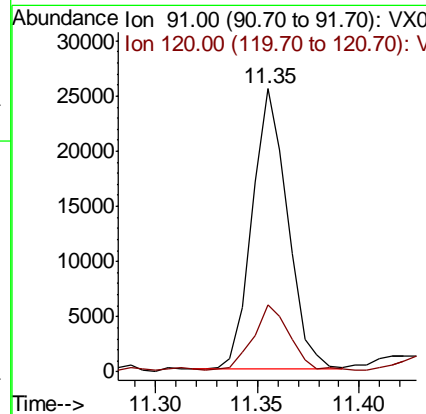
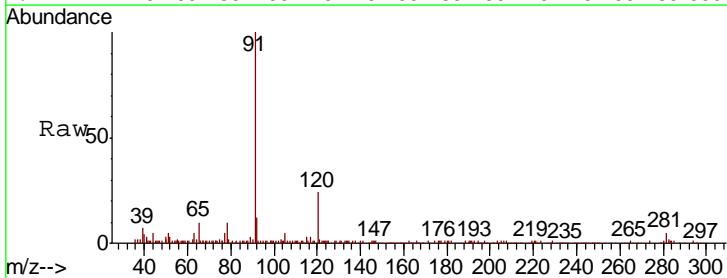
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK

Tgt Ion	Resp	Lower	Upper
105	10452		
120	31.0	13.5	40.5

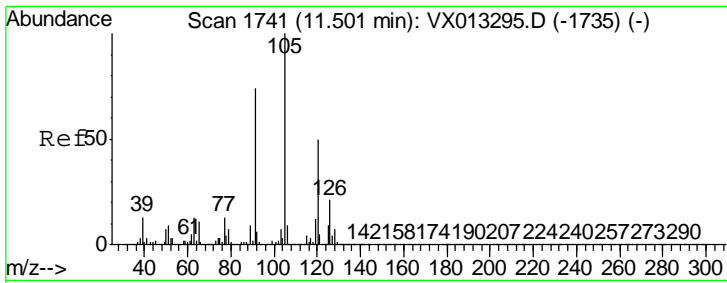


#78  
 n-propylbenzene  
 Concen: 0.853 ug/l  
 RT: 11.35 min Scan# 1717  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

Tgt Ion	Resp	Lower	Upper
91	30735		
120	24.6	11.6	34.8



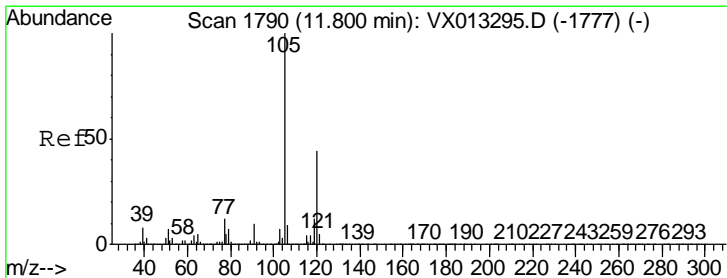
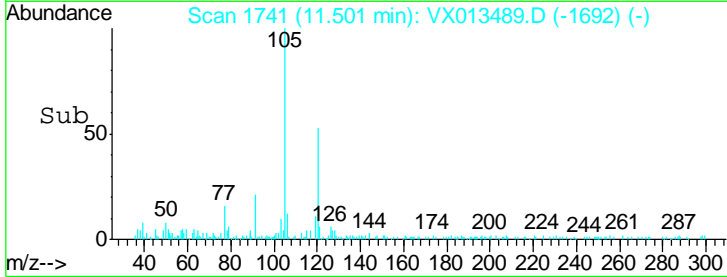
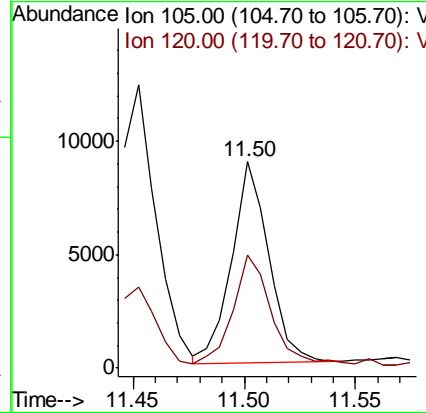
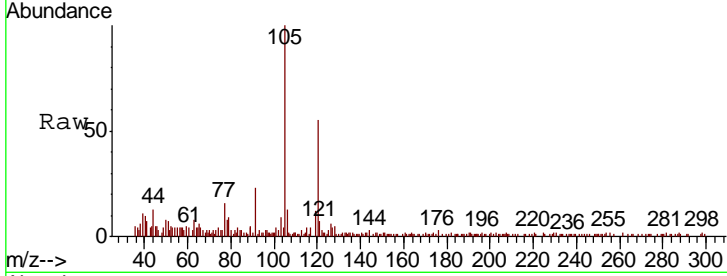




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.381 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

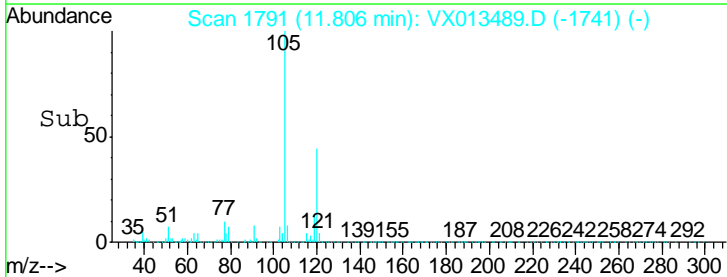
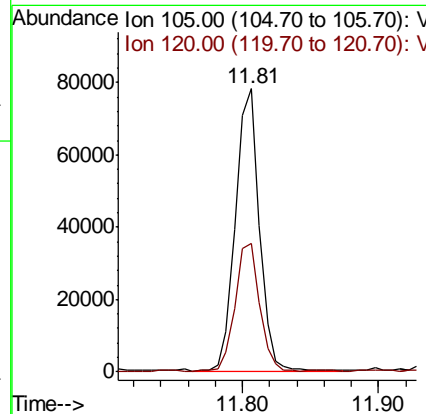
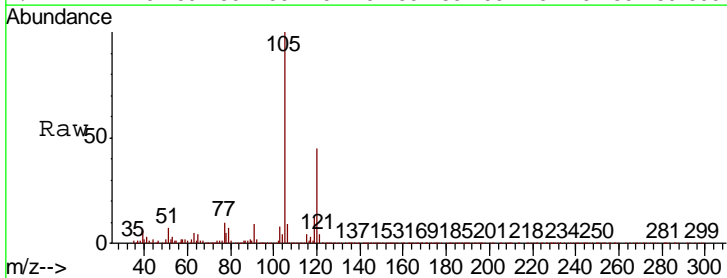
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 IBLK

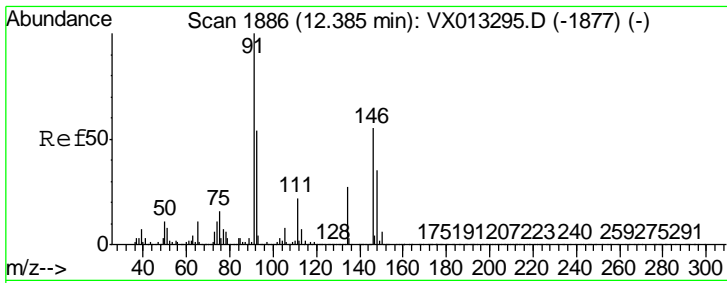
Tgt Ion:105 Resp: 10251  
 Ion Ratio Lower Upper  
 105 100  
 120 55.1 24.9 74.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 3.518 ug/l  
 RT: 11.81 min Scan# 1791  
 Delta R.T. 0.01 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

Tgt Ion:105 Resp: 95035  
 Ion Ratio Lower Upper  
 105 100  
 120 47.6 22.7 68.1

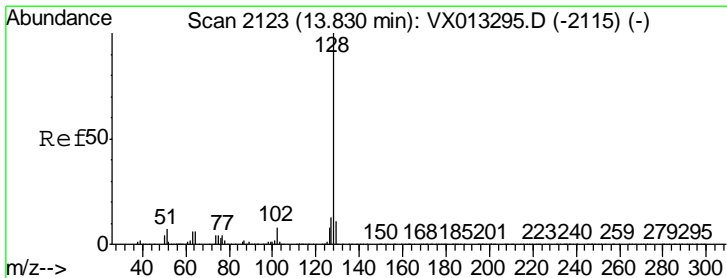
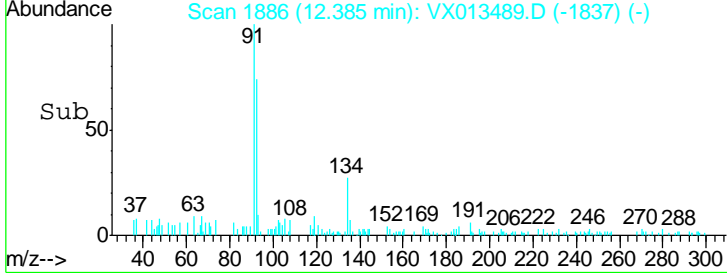
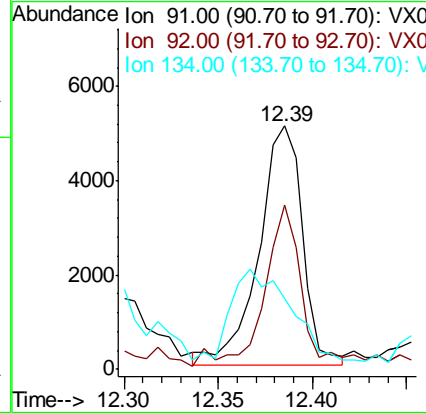
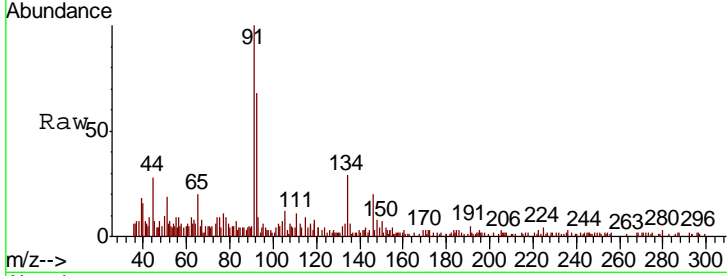




#89  
 n-Butylbenzene  
 Concen: 0.325 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

Instrument : MSVOA\_X  
 ClientSampled : IBLK

Tgt Ion	Resp	Lower	Upper
91	100		
92	47.5	27.3	81.8
134	57.7	13.5	40.5#



#95  
 Naphthalene  
 Concen: 0.338 ug/l  
 RT: 13.83 min Scan# 2123  
 Delta R.T. 0.00 min  
 Lab File: VX013489.D  
 Acq: 20 Nov 2019 19:51

Tgt Ion	Resp	Lower	Upper
128	100		
127	17.7	10.2	15.2#
129	12.2	8.5	12.7

