

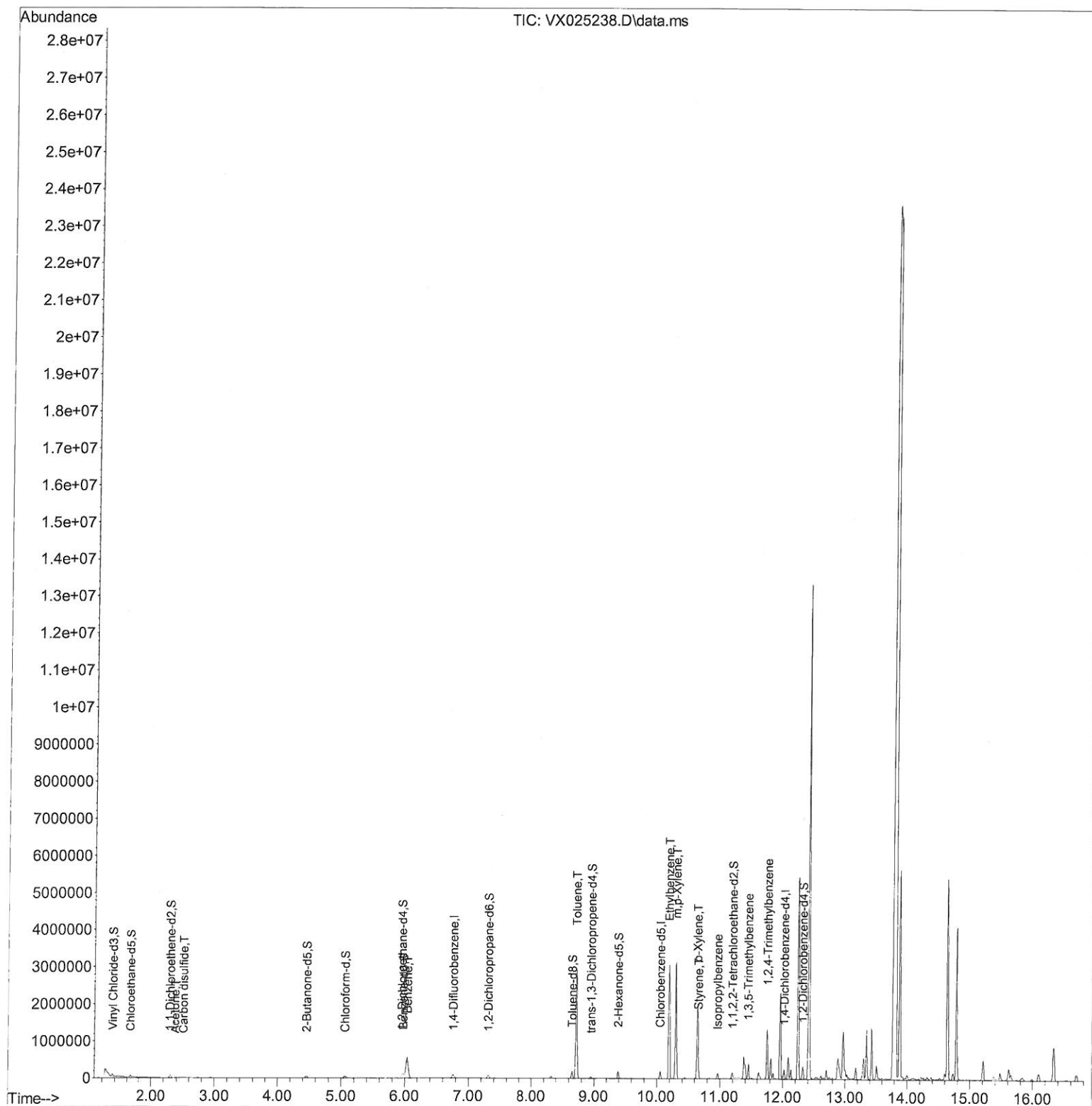
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111921\  
Data File : VX025238.D  
Acq On : 19 Nov 2021 17:06  
Operator : JC/MD  
Sample : M4779-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
F4L16

### Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021  
Supervised By :Mahesh Dadoda 11/22/2021

Quant Time: Nov 22 00:14:39 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM111121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Nov 22 00:11:59 2021  
Response via : Initial Calibration



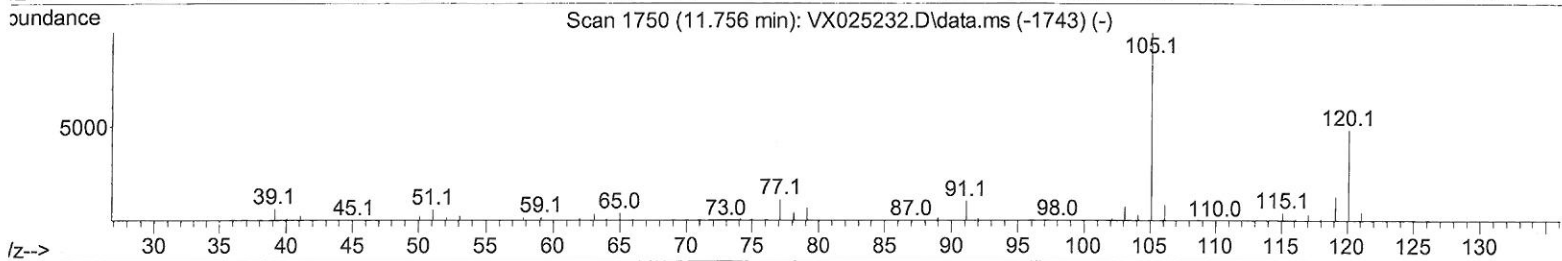
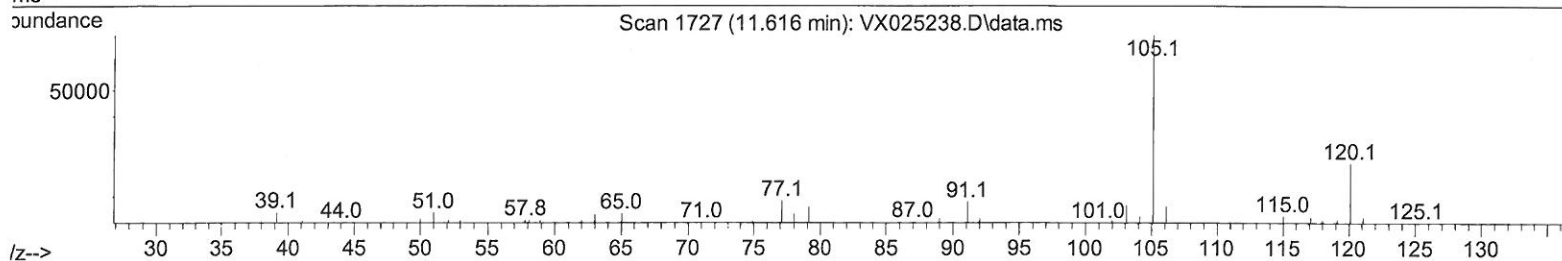
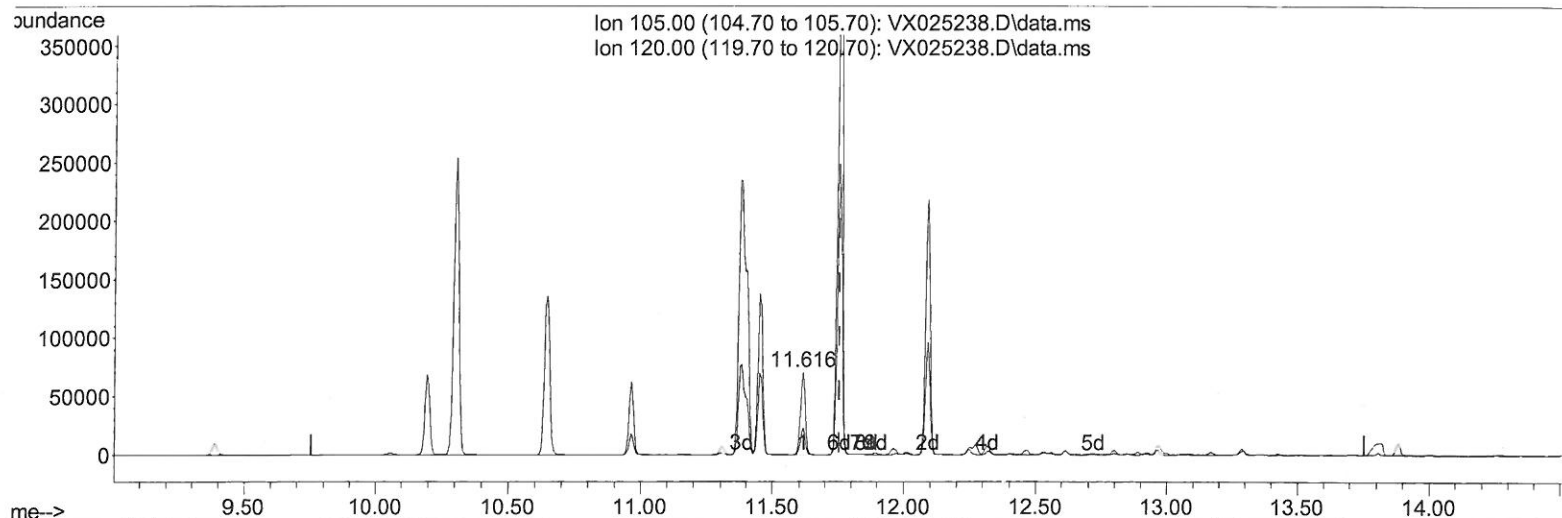
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111921\  
 Data File : VX025238.D  
 Acq On : 19 Nov 2021 17:06  
 Operator : JC/MD  
 Sample : M4779-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F4L16

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:14:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM111121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Nov 22 00:11:59 2021  
 Response via : Initial Calibration

Reviewed By :John Carlone 11/22/2021  
 Supervised By :Mahesh Dadoda 11/22/2021



TIC: VX025238.D\data.ms

(63) 1,2,4-Trimethylbenzene

11.616min (-0.140) 28.26 ug/L

response 87720

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	38.80	32.15
0.00	0.00	0.00
0.00	0.00	0.00

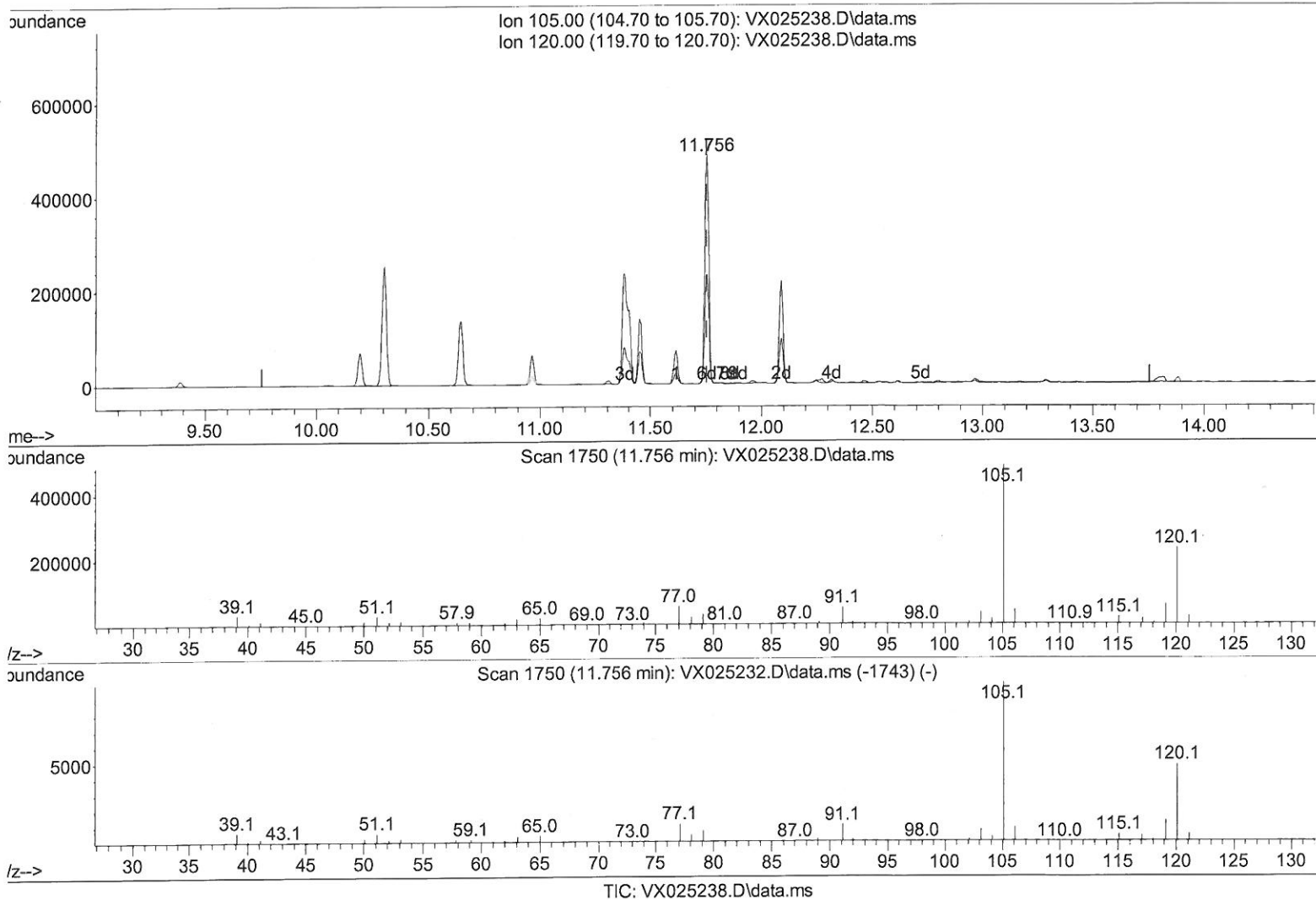
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111921\  
 Data File : VX025238.D  
 Acq On : 19 Nov 2021 17:06  
 Operator : JC/MD  
 Sample : M4779-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F4L16

Manual IntegrationsAPPROVED

Quant Time: Nov 22 00:14:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM111121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Nov 22 00:11:59 2021  
 Response via : Initial Calibration

Reviewed By :John Carlone 11/22/2021  
 Supervised By :Mahesh Dadoda 11/22/2021



(63) 1,2,4-Trimethylbenzene

11.756min (-0.000) 189.47 ug/L m

response 588172

Ion Exp% Act%

105.00 100.00 100.00

120.00 38.80 4.80#

0.00 0.00 0.00

0.00 0.00 0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111921\  
 Data File : VX025238.D  
 Acq On : 19 Nov 2021 17:06  
 Operator : JC/MD  
 Sample : M4779-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F4L16

# Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/22/2021  
 Supervised By :Mahesh Dadoda 11/22/2021

Quant Time: Nov 22 00:14:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM111121WMA.M  
 Quant Title : VOC Analysis  
 Last Update : Mon Nov 22 00:11:59 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	100374	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	95368	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	51000	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	36209	53.397	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.800%			
7) Chloroethane-d5	1.660	69	29690	76.823	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 153.640%#			
11) 1,1-Dichloroethene-d2	2.300	63	43666	37.440	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.880%			
21) 2-Butanone-d5	4.459	46	75750	147.822	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 147.820%#			
24) Chloroform-d	5.062	84	61145	51.256	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.520%			
26) 1,2-Dichloroethane-d4	5.958	65	38689	53.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.020%			
32) Benzene-d6	5.977	84	127890	49.134	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.260%			
36) 1,2-Dichloropropane-d6	7.312	67	38655	48.637	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.280%			
41) Toluene-d8	8.653	98	119393	48.032	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.060%			
43) trans-1,3-Dichloroprop...	8.952	79	18990	44.016	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.040%			
47) 2-Hexanone-d5	9.384	63	57667	135.121	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 135.120%#			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	61508	53.733	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.460%			
66) 1,2-Dichlorobenzene-d4	12.323	152	50664	50.113	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.220%			
Target Compounds						
					Qvalue	
13) Acetone	2.380	43	8226	17.113	ug/L	95
14) Carbon disulfide	2.514	76	6122	3.105	ug/L	100
33) Benzene	6.044	78	697347	238.000	ug/L	100
42) Toluene	8.720	91	1908169	599.579	ug/L	95
52) Ethylbenzene	10.195	91	1758253	513.972	ug/L	92
53) m,p-Xylene	10.305	106	759023	548.789	ug/L	77
54) o-Xylene	10.646	106	433429	317.576	ug/L	80
55) Styrene	10.659	104	132508	57.177	ug/L	91
60) Isopropylbenzene	10.963	105	75940	20.824	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	171645	55.475	ug/L	88
63) 1,2,4-Trimethylbenzene	11.756	105	588172m	189.475	ug/L	

7 MD  
 11/23/21

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