Quantitation Report (Qedit)

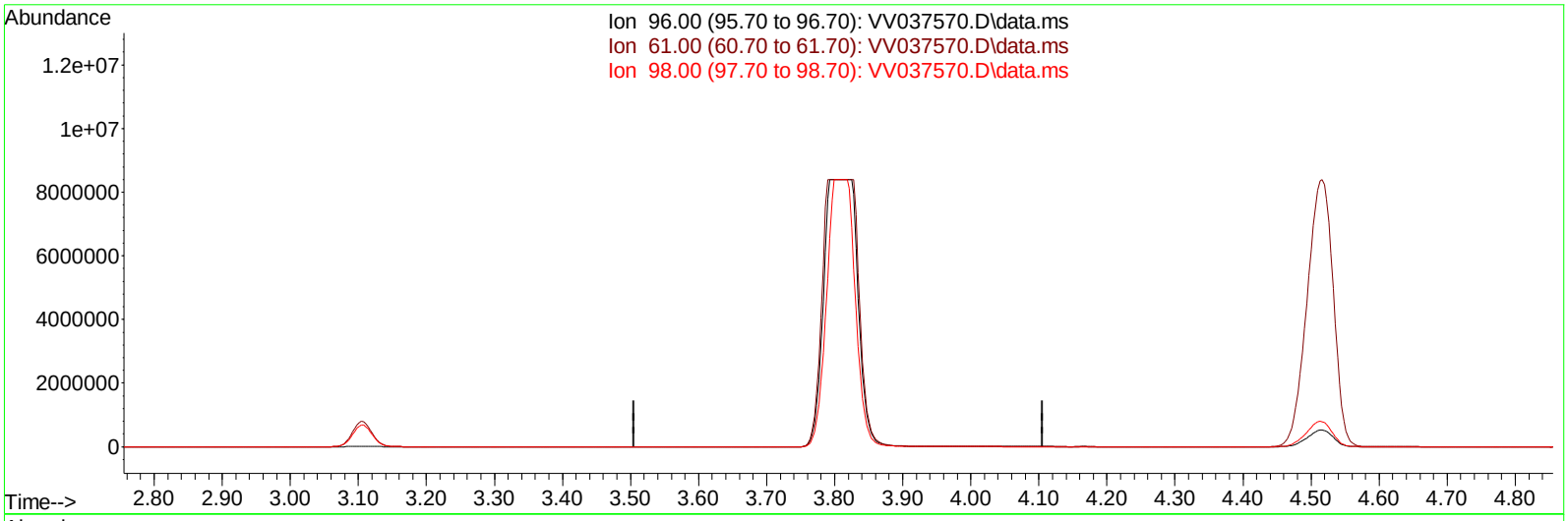
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

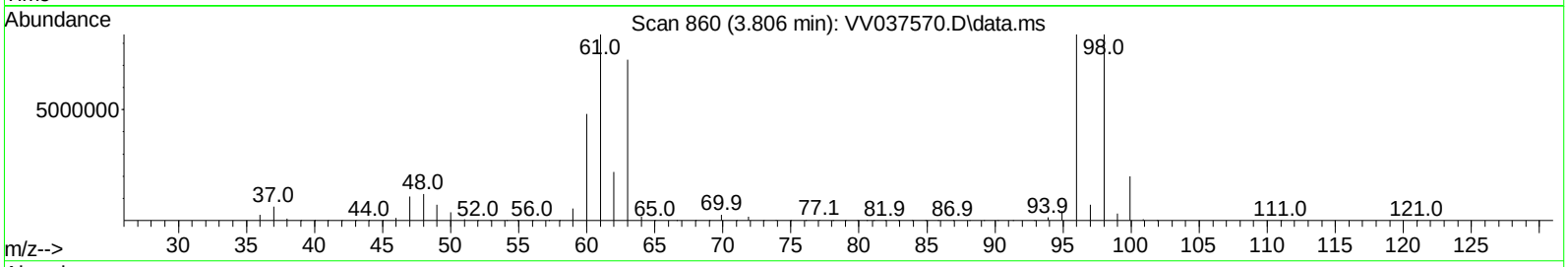
Quant Time: Sep 27 03:39:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration

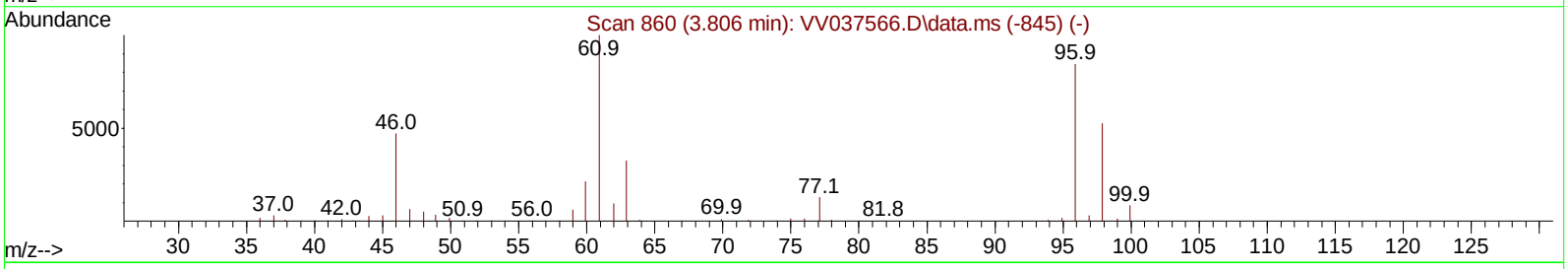
Instrument :
MSVOA_V
ClientSampleId :
EY042

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024







TIC: VV037570.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.806min (-3.806) 0.00 ug/L

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
61.00	121.40	0.00#
98.00	63.10	0.00#
0.00	0.00	0.00

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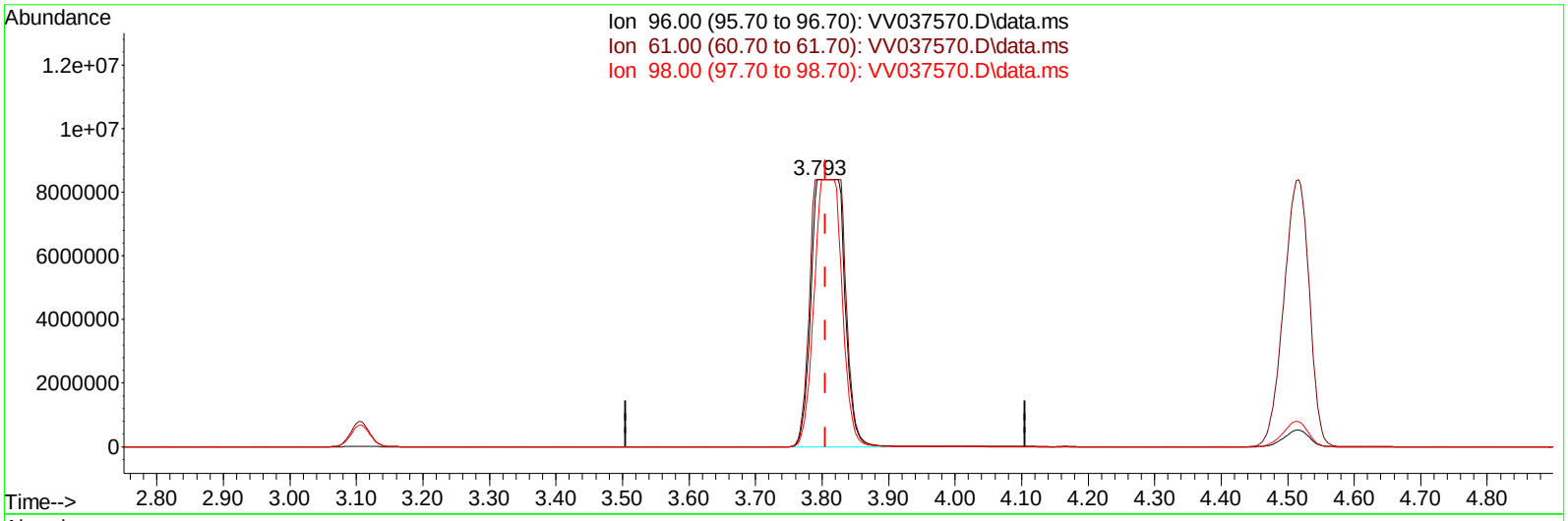

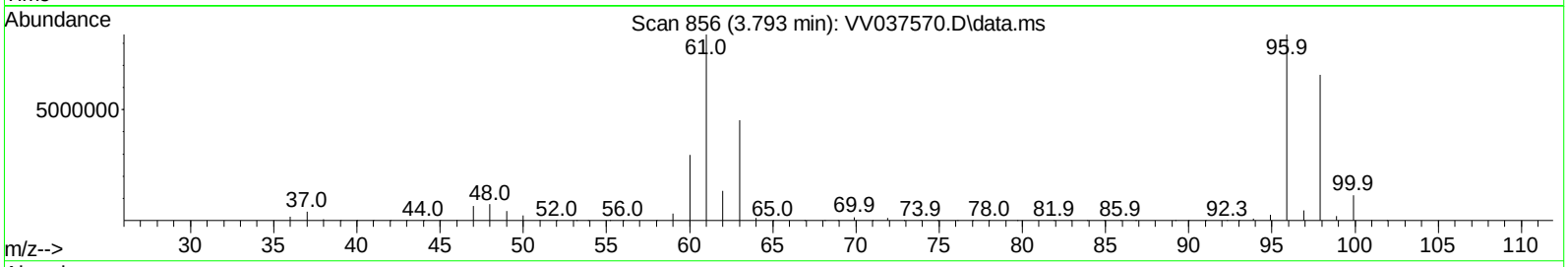

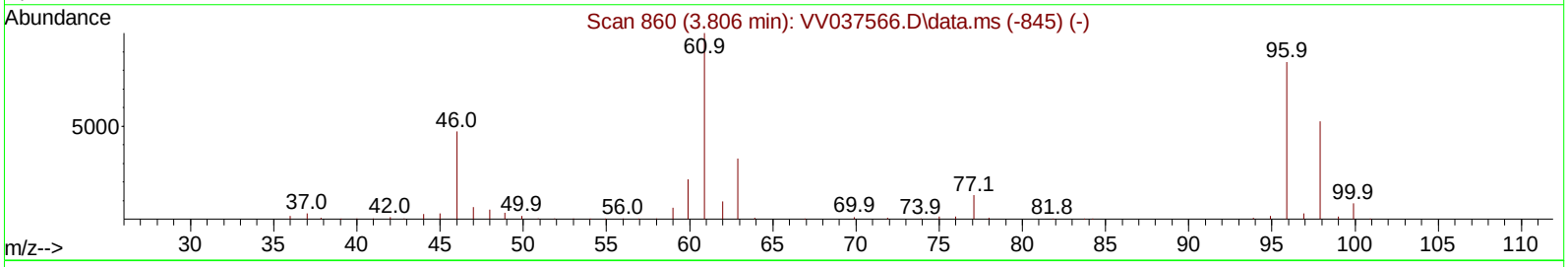

TIC: VV037570.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.793min (-0.013) 5465.49 ug/L m

response 28529406

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	121.40	100.00
98.00	63.10	78.18
0.00	0.00	0.00

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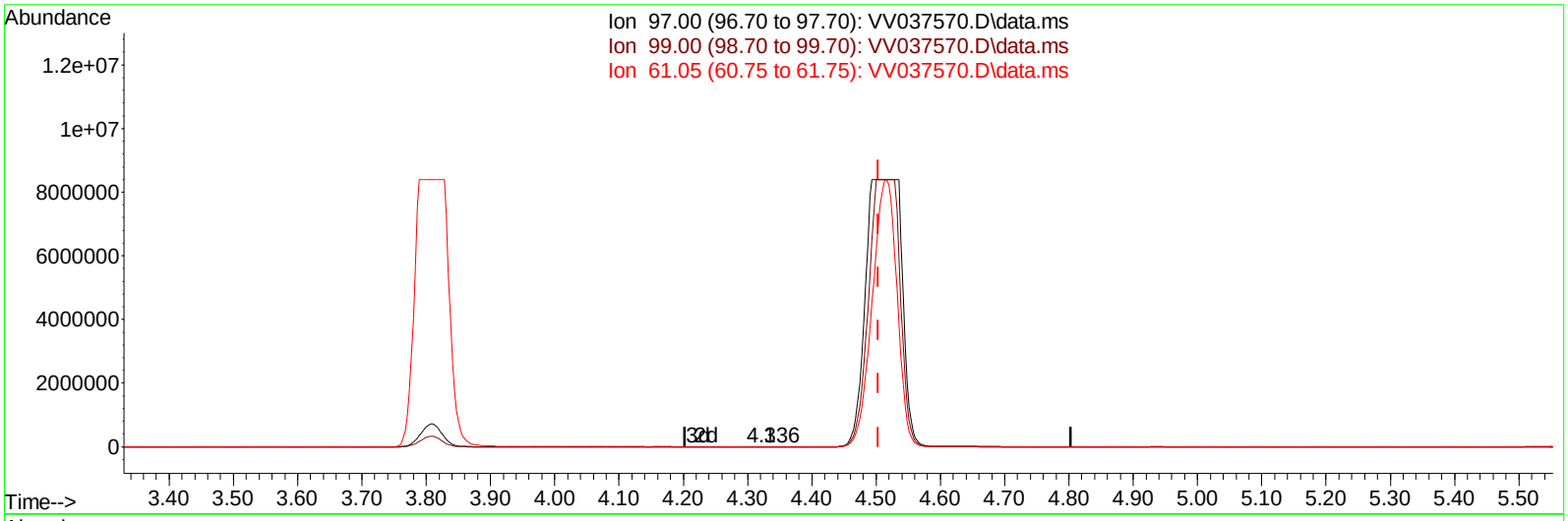

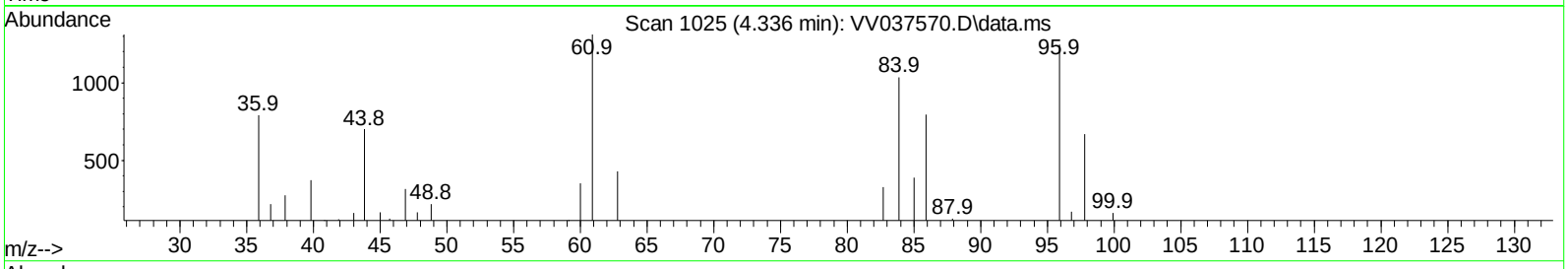

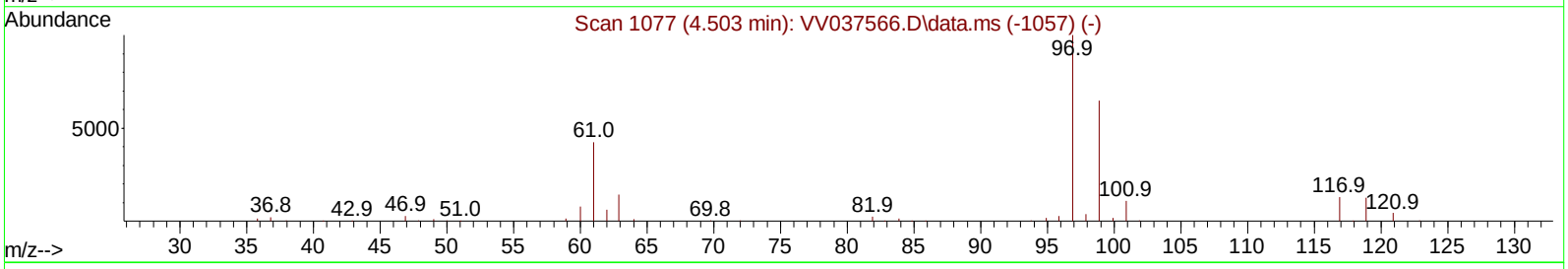

TIC: VV037570.D\data.ms

(30) 1,1,1-Trichloroethane (T)

4.336min (-0.167) 0.01 ug/L

response 86

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.70	0.00#
61.05	42.00	553.49#
0.00	0.00	0.00

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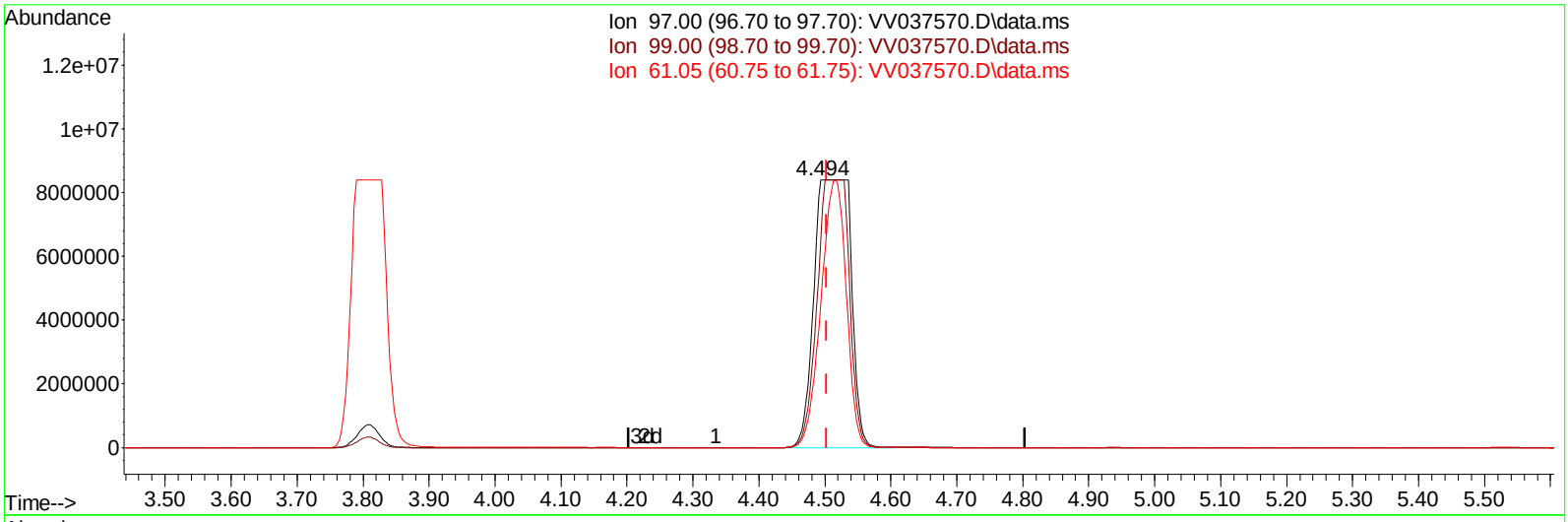

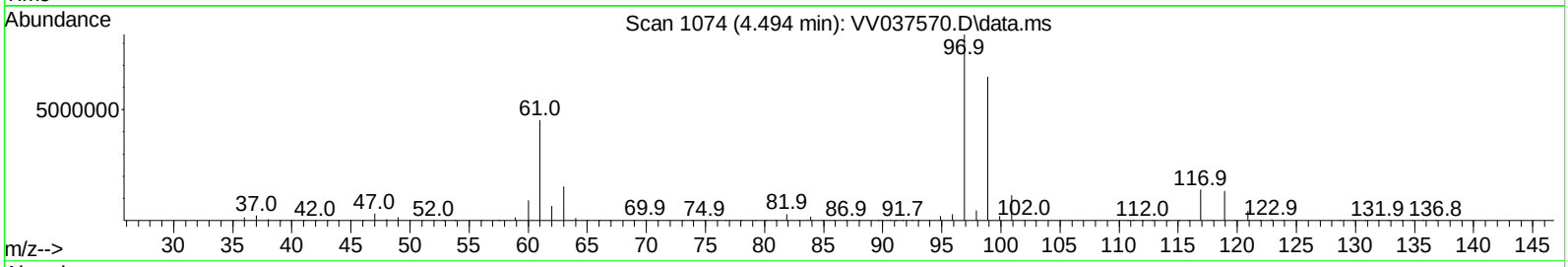

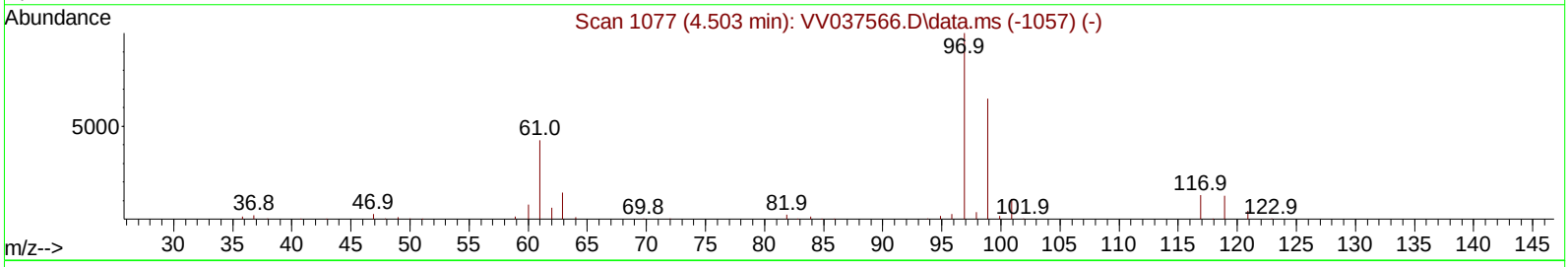

TIC: VV037570.D\data.ms

(30) 1,1,1-Trichloroethane (T)

4.494min (-0.010) 4081.44 ug/L m

response 32538875

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.70	0.00#
61.05	42.00	0.00#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	662301	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	647305	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	329824	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	247362	42.546	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.100%			
7) Chloroethane-d5	1.532	69	197265	43.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.420%			
11) 1,1-Dichloroethene-d2	2.060	65	107246	44.152	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.300%			
21) 2-Butanone-d5	3.809	46	216489	104.543	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.540%			
24) Chloroform-d	4.243	84	437361	42.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.560%			
26) 1,2-Dichloroethane-d4	4.937	65	265343	43.826	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.660%			
32) Benzene-d6	4.953	84	885630	43.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.440%			
36) 1,2-Dichloropropane-d6	5.982	67	286509	44.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.840%			
41) Toluene-d8	7.236	98	794738	43.270	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.540%			
43) trans-1,3-Dichloroprop...	7.548	79	130125	43.429	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.860%			
47) 2-Hexanone-d5	8.021	63	138004	101.327	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.330%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	337148	44.987	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.980%			
66) 1,2-Dichlorobenzene-d4	11.554	152	315365	45.376	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.760%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	52174	8.891	ug/L	96
8) Chloroethane	1.548	64	11345	3.137	ug/L	94
9) Trichlorofluoromethane	1.712	101	78723	9.966	ug/L	98
12) 1,1-Dichloroethene	2.069	96	546253	123.887	ug/L #	66
15) Methyl Acetate	2.372	43	5213	1.471	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	171289	36.721	ug/L	98
19) 1,1-Dichloroethane	3.101	63	18262378	2043.412	ug/L	94
20) cis-1,2-Dichloroethene	3.793	96	28529406m	5465.488	ug/L	
27) 1,2-Dichloroethane	5.047	62	32185	4.927	ug/L	94
30) 1,1,1-Trichloroethane	4.494	97	32538875m	4081.439	ug/L	
33) Benzene	5.008	78	151583	7.765	ug/L	100
34) Trichloroethene	5.831	95	86088	16.559	ug/L	98
35) Methylcyclohexane	6.043	83	53043	6.632	ug/L	98
42) Toluene	7.307	91	3396057	167.804	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	20791	4.295	ug/L	98
46) Tetrachloroethene	7.899	164	151739	38.174	ug/L	98
52) Ethylbenzene	8.940	91	1455069	63.871	ug/L	99
53) m,p-Xylene	9.066	106	2075827	244.835	ug/L	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) o-Xylene	9.471	106	1197214	144.636 ug/L	97
60) Isopropylbenzene	9.863	105	291569	13.597 ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	2303737	135.889 ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	8577499	508.512 ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	21841	2.141 ug/L	93

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

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