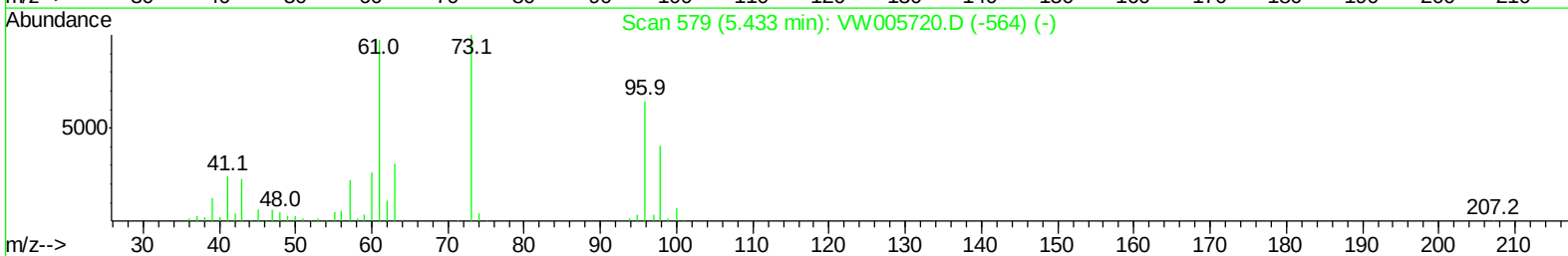
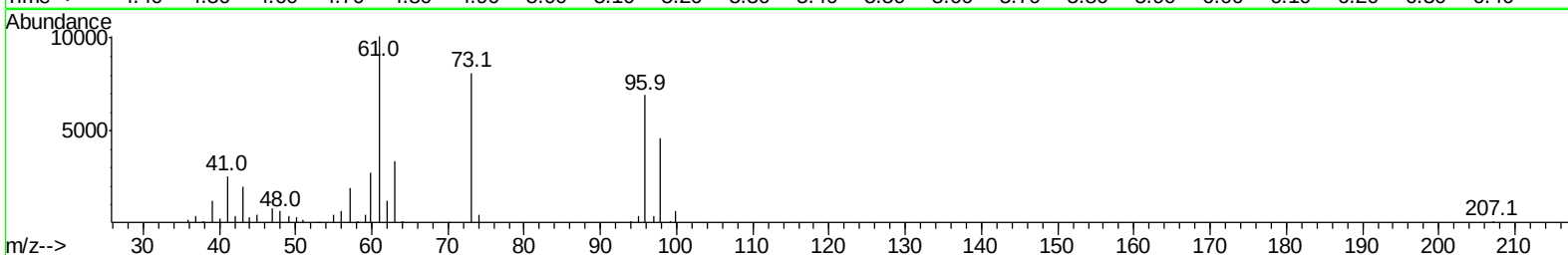
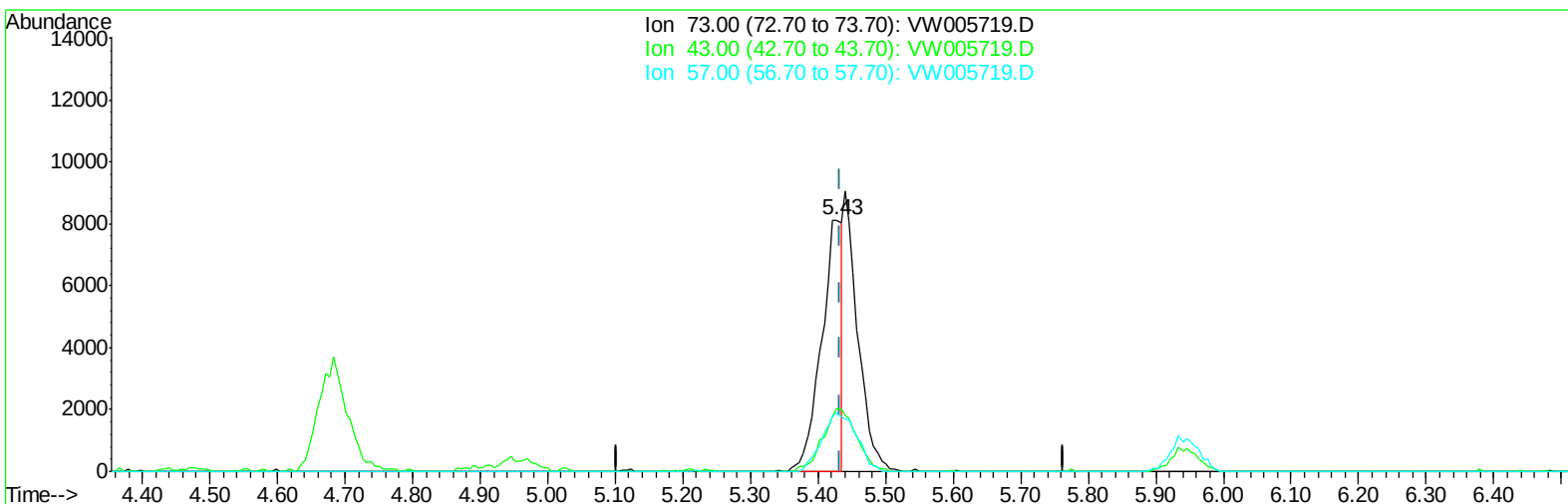


Data File : VW005719.D
Acq On : 28 Sep 2018 13:11
Operator : SY/AP
Sample : VSTD00581
Misc : 5.00G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 14:25:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 28 14:24:24 2018
Response via : Initial Calibration



TIC: VW005719.D

(17) Methyl tert-butyl Ether (T)

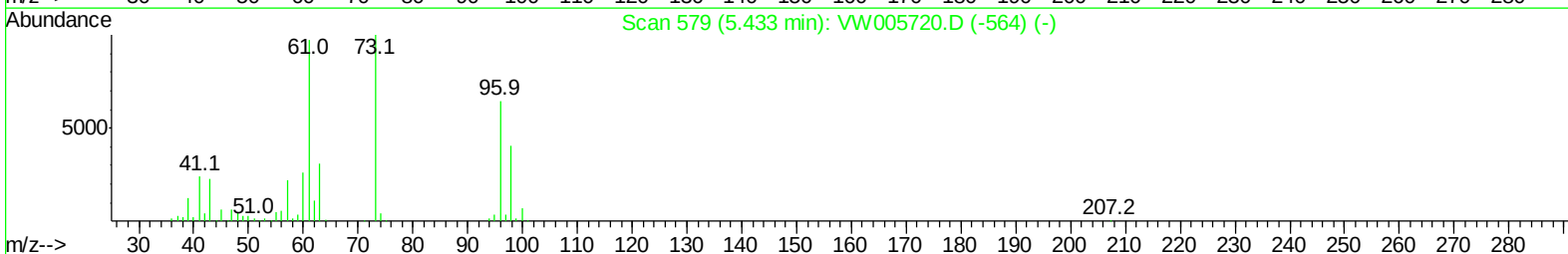
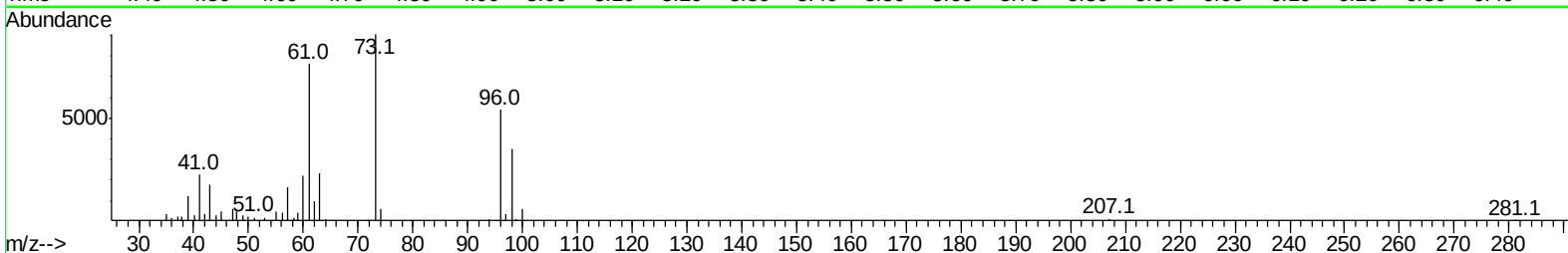
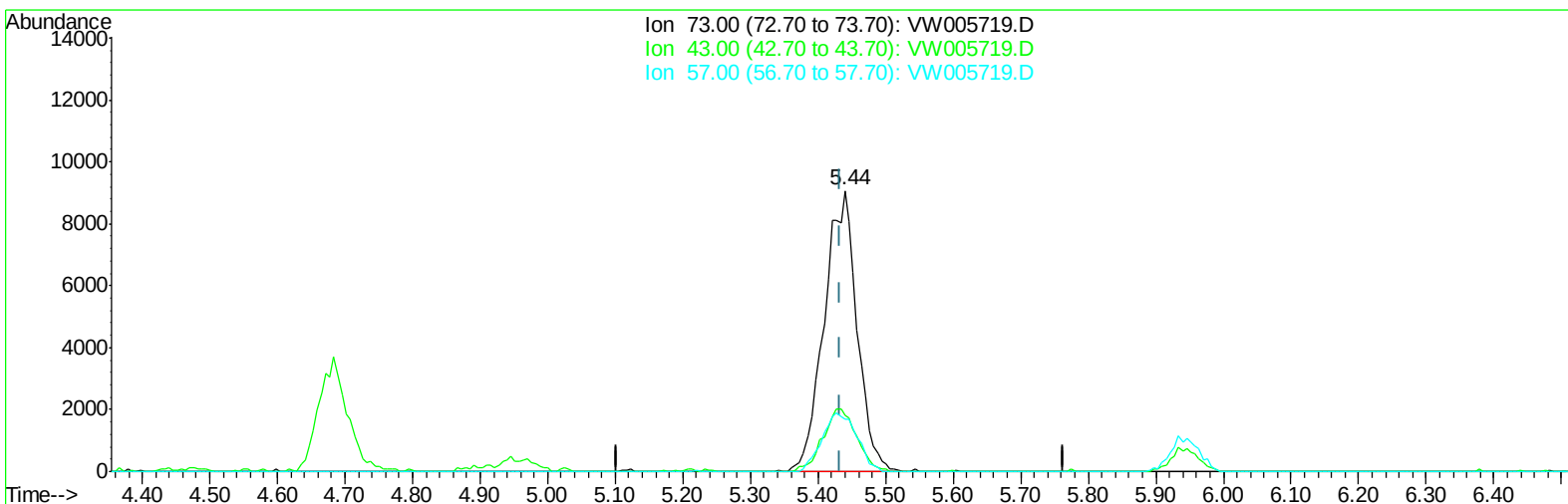
5.428min (-0.006) 2.92ug/L

response 16897

Ion	Exp%	Act%
73.00	100	100
43.00	22.80	41.71#
57.00	21.90	40.09#
0.00	0.00	0.00

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Quant Title : VOC Analysis
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TIC: VW005719.D

(17) Methyl tert-butyl Ether (T)

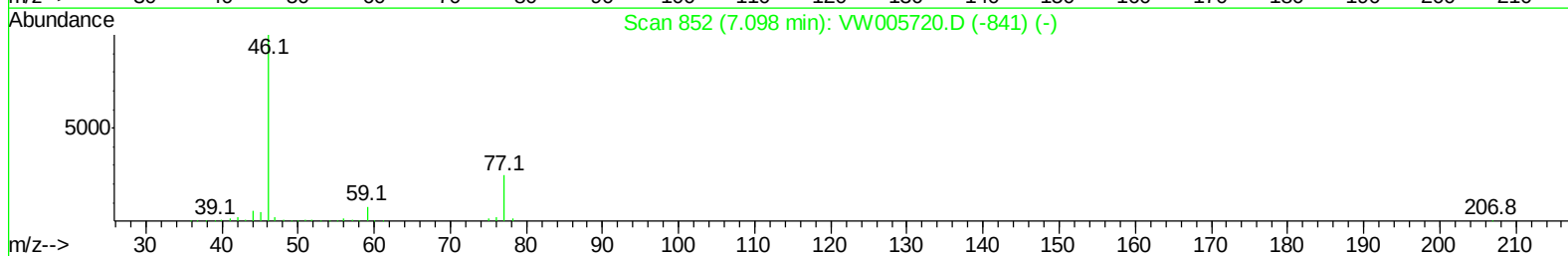
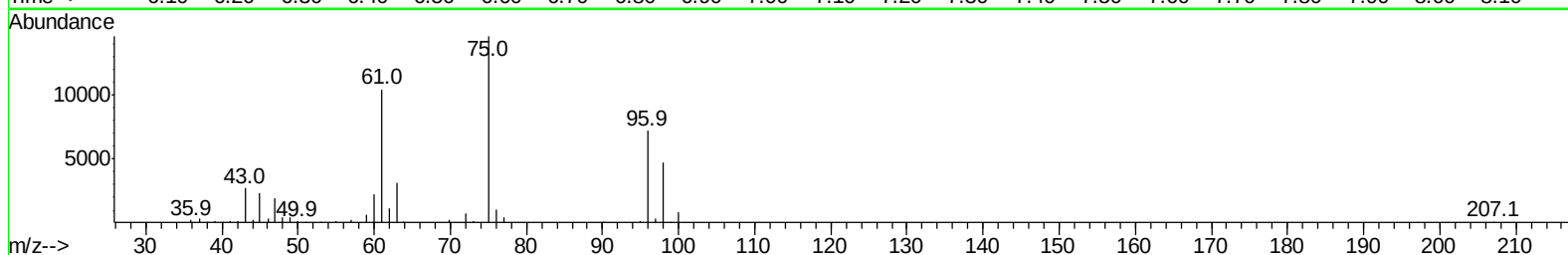
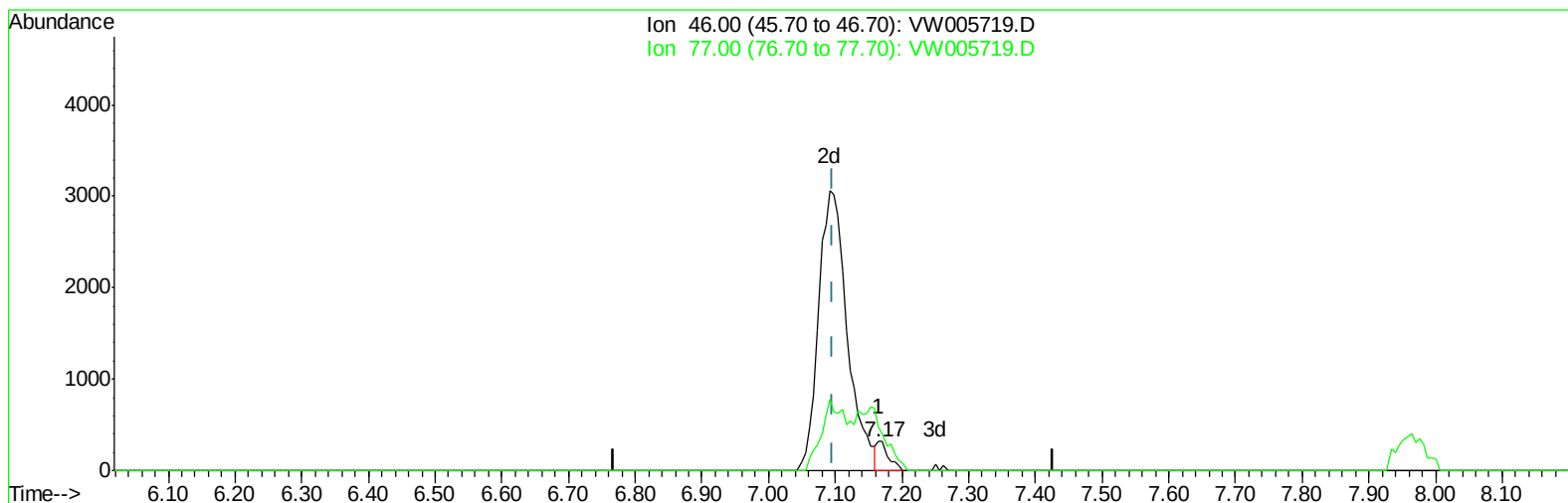
5.440min (+0.006) 5.29ug/L m

response 30620

Ion	Exp%	Act%
73.00	100	100
43.00	22.80	23.02
57.00	21.90	22.12
0.00	0.00	0.00

Data File : VW005719.D
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Sample : VSTD00581
Misc : 5.00G/105ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 14:25:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
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TIC: VW005719.D

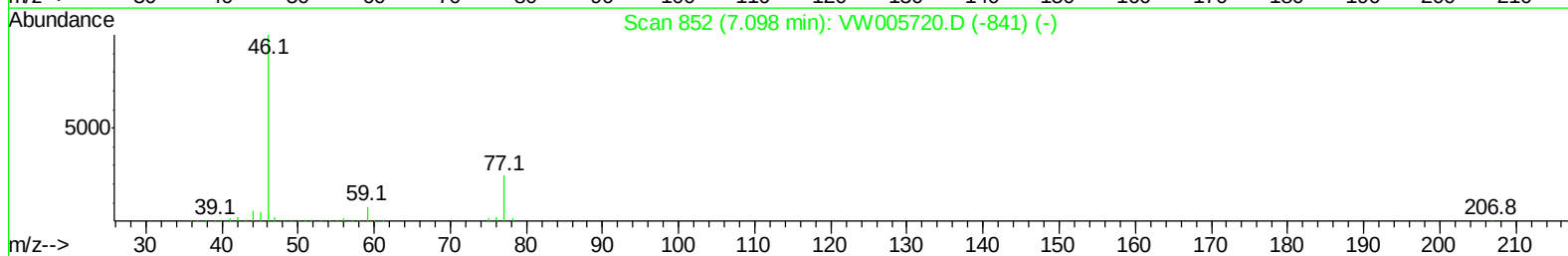
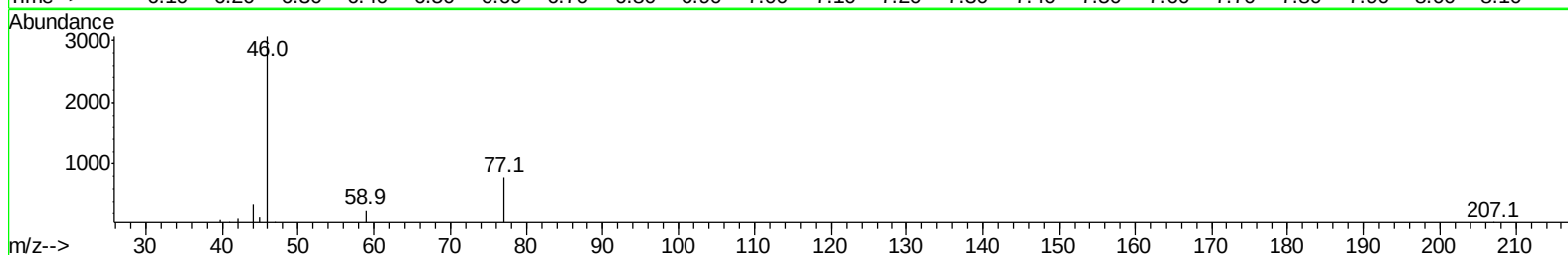
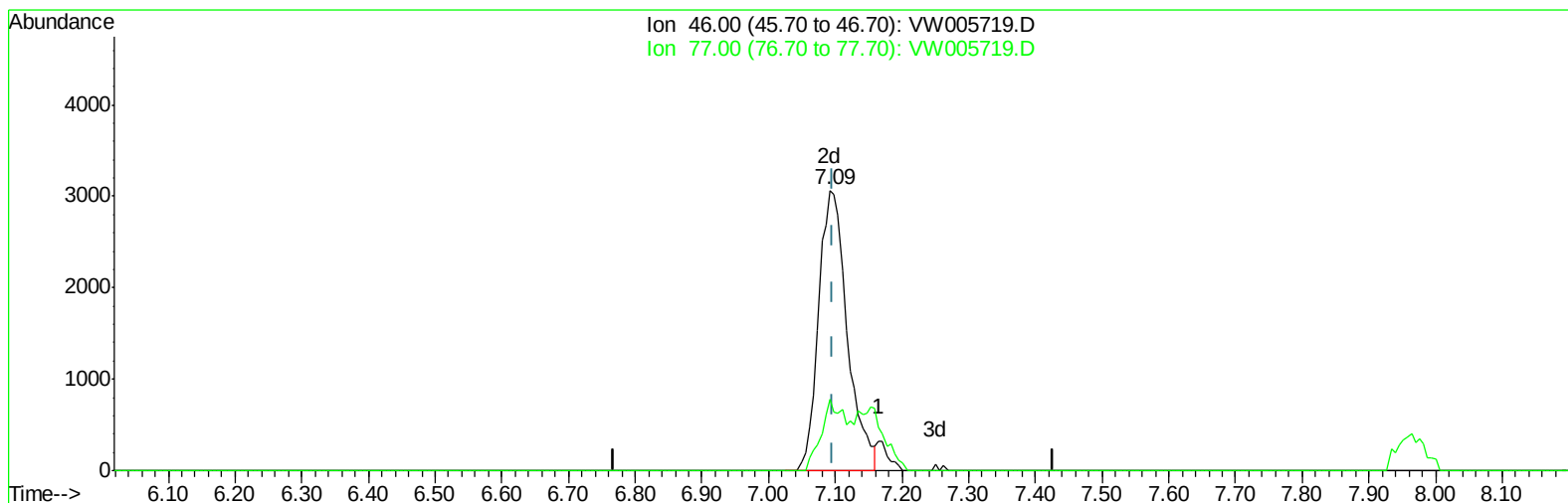
(20) 2-Butanone-d5 (S)
7.165min (+0.067) 0.25ug/L

response 376

Ion	Exp%	Act%
46.00	100	100
77.00	25.60	25.00
0.00	0.00	0.00
0.00	0.00	0.00

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TIC: VW005719.D

(20) 2-Butanone-d5 (S)

7.092min (-0.006) 5.96ug/L m

response 9112

Ion	Exp%	Act%
46.00	100	100
77.00	25.60	1.03#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	291116	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270288	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	143716	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19906	5.08	ug/L	0.00
7) Chloroethane-d5	2.90	69	14583	4.67	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	41408	4.80	ug/L	0.00
20) 2-Butanone-d5	7.09	46	9112m	5.96	ug/L	0.00
24) Chloroform-d	7.65	84	36384	4.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	20729	4.36	ug/L	0.00
29) Benzene-d6	8.28	84	67851	4.25	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	19490	4.00	ug/L	0.00
37) Toluene-d8	10.33	98	64497	4.38	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	9423	4.22	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	6405	5.63	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	16460	3.74	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	23639	4.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	16887	4.168 ug/L	94
3) Chloromethane	2.21	50	16375	3.836 ug/L	94
5) Vinyl chloride	2.37	62	24546	5.936 ug/L	98
6) Bromomethane	2.79	94	14927	5.819 ug/L	98
8) Chloroethane	2.93	64	13481	5.353 ug/L	93
9) Trichlorofluoromethane	3.26	101	17141	4.780 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	20138	5.262 ug/L	94
12) 1,1-Dichloroethene	4.04	96	19622	5.449 ug/L	96
13) Acetone	4.15	43	11866	9.060 ug/L	75
14) Carbon disulfide	4.38	76	65225	5.579 ug/L	99
15) Methyl Acetate	4.68	43	10521	4.116 ug/L	99
16) Methylene chloride	4.92	84	28252	5.868 ug/L	96
17) Methyl tert-butyl Ether	5.44	73	30620m	5.286 ug/L	
18) trans-1,2-Dichloroethene	5.43	96	20568	5.367 ug/L	95
19) 1,1-Dichloroethane	6.22	63	37716	5.159 ug/L	97
21) 2-Butanone	7.18	43	13904	7.745 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	22146	5.328 ug/L	98
23) Bromochloromethane	7.52	128	10589	5.729 ug/L	95
25) Chloroform	7.68	83	40397	5.474 ug/L	100
27) 1,2-Dichloroethane	8.41	62	29382	5.396 ug/L	99
30) Cyclohexane	7.96	56	32191	4.564 ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	36452	5.905 ug/L	99
32) Carbon tetrachloride	8.07	117	35213	5.987 ug/L	100
34) Benzene	8.33	78	84995	5.211 ug/L	100
35) Trichloroethene	9.10	95	22681	5.376 ug/L	99
36) Methylcyclohexane	9.34	83	38722	5.120 ug/L	97
40) 1,2-Dichloropropane	9.38	63	21049	4.970 ug/L #	97
41) Bromodichloromethane	9.65	83	28012	5.364 ug/L	95
42) cis-1,3-Dichloropropene	10.08	75	31657	5.084 ug/L	96
43) 4-Methyl-2-pentanone	10.22	43	28227	8.309 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	91542	5.427	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	29032	5.106	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	16564	5.276	ug/L	96
47) Tetrachloroethene	10.87	164	19799	5.755	ug/L	96
49) 2-Hexanone	10.98	43	18540	7.553	ug/L	98
50) Dibromochloromethane	11.13	129	19929	5.397	ug/L	94
51) 1,2-Dibromoethane	11.24	107	16038	5.401	ug/L	94
52) Chlorobenzene	11.66	112	62307	5.701	ug/L	98
53) Ethylbenzene	11.74	91	102797	5.247	ug/L	95
54) m,p-Xylene	11.85	106	39204	5.451	ug/L	96
55) o-xylene	12.17	106	36036	5.293	ug/L	100
56) Styrene	12.19	104	61962	5.291	ug/L	99
57) Isopropylbenzene	12.47	105	103081	5.409	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	19690	4.612	ug/L	93
59) 1,2,3-Trichloropropane	12.77	75	15905	4.670	ug/L	98
62) Bromoform	12.35	173	12937	5.191	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	49686	5.469	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	51742	5.546	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	46101	5.394	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	3849	4.341	ug/L	93
67) 1,3,5-Trichlorobenzene	14.64	180	40664	5.713	ug/L	96
68) 1,2,4-trichlorobenzene	15.15	180	31888	5.462	ug/L	98
69) Naphthalene	15.38	128	55177	4.453	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	29485	5.349	ug/L	99

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

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