

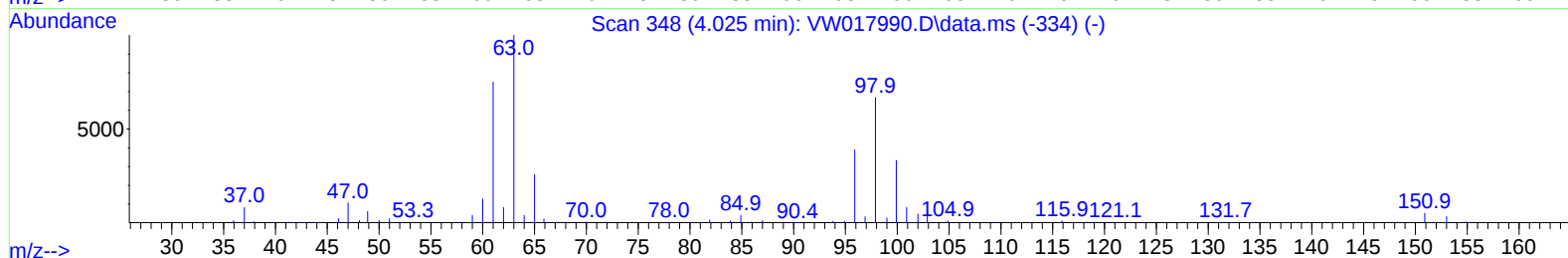
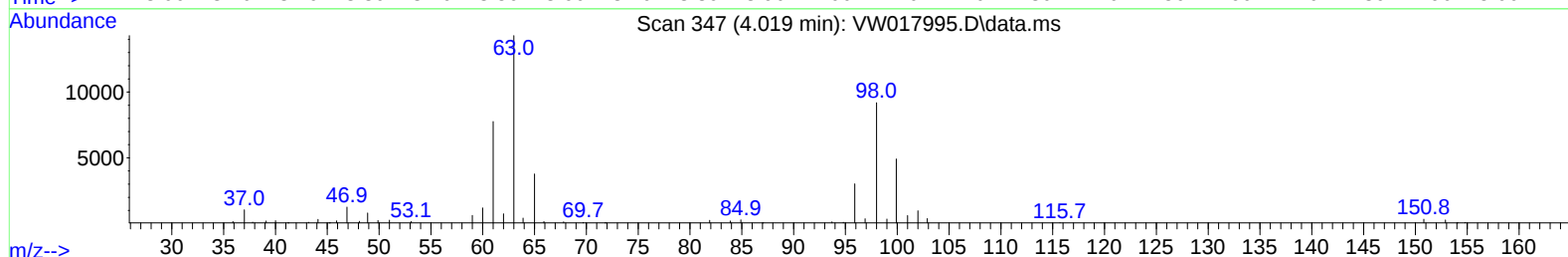
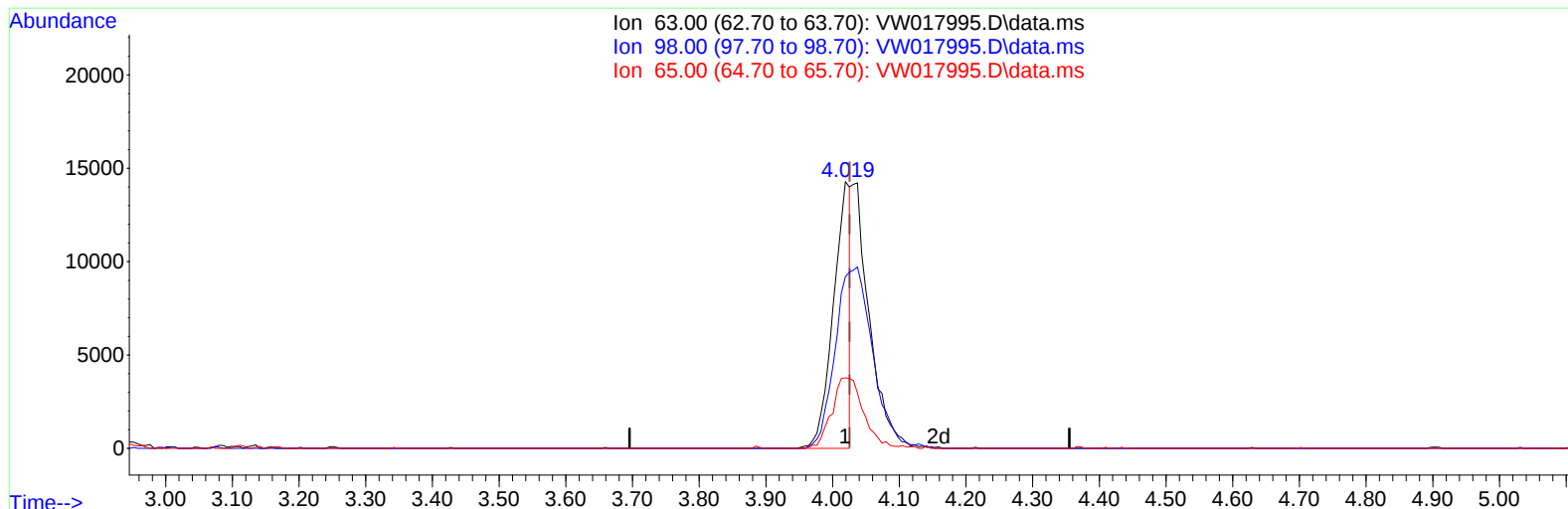
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012621\
 Data File : VW017995.D
 Acq On : 26 Jan 2021 17:49
 Operator : SY/VA
 Sample : VSTD00504
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00504

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:57:32 AM

Quant Time: Jan 27 04:41:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012621S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 26 18:05:59 2021
 Response via : Initial Calibration



TIC: VW017995.D\data.ms

(10) 1,1-Dichloroethene-d2 (S)

4.019min (-0.006) 2.71 ug/L

response 25410

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	76.30	147.50#
65.00	23.70	49.02#
0.00	0.00	0.00

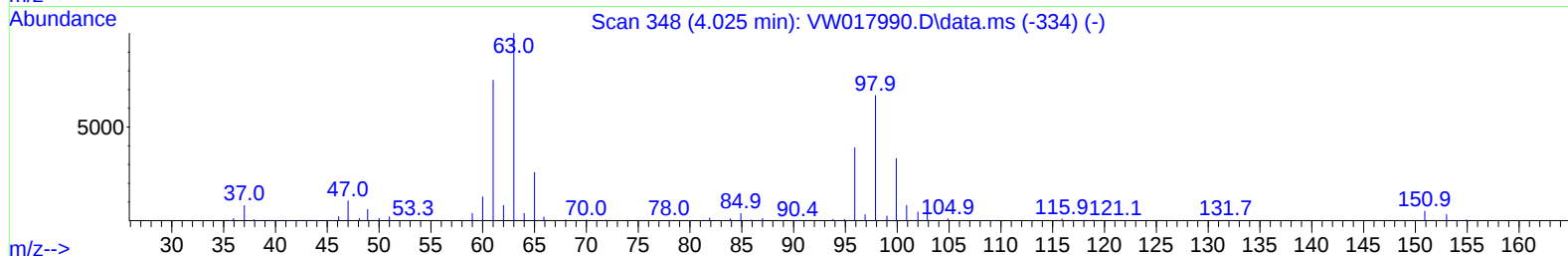
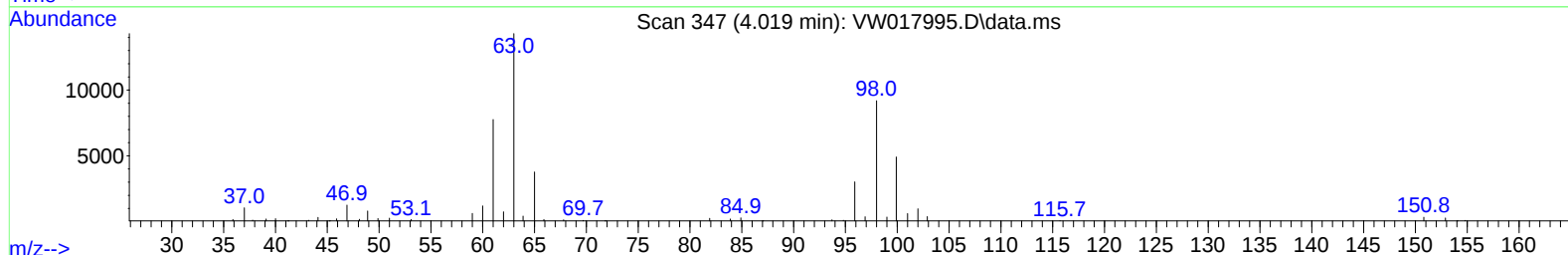
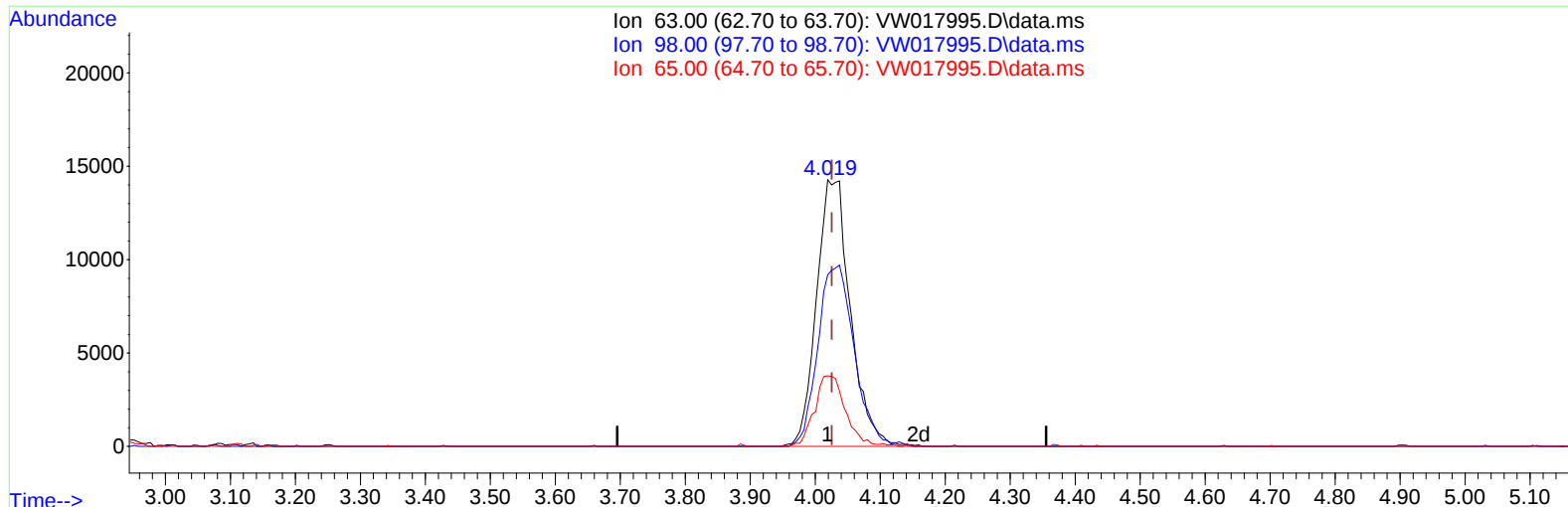
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TIC: VW017995.D\data.ms

(10) 1,1-Dichloroethene-d2 (S)

4.019min (-0.006) 5.52 ug/L m

response 51711

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	76.30	72.48
65.00	23.70	24.09
0.00	0.00	0.00

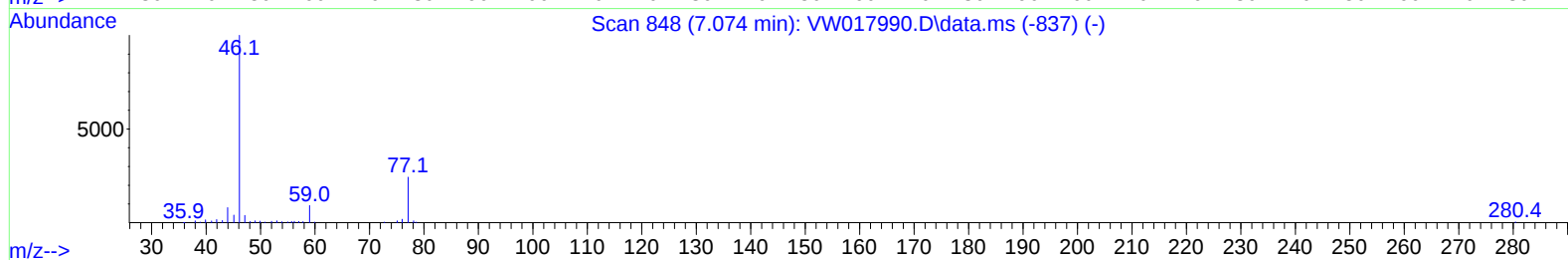
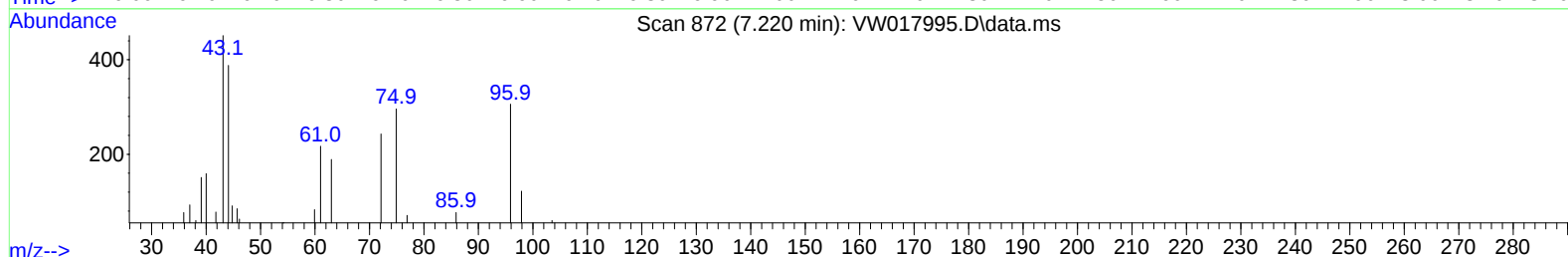
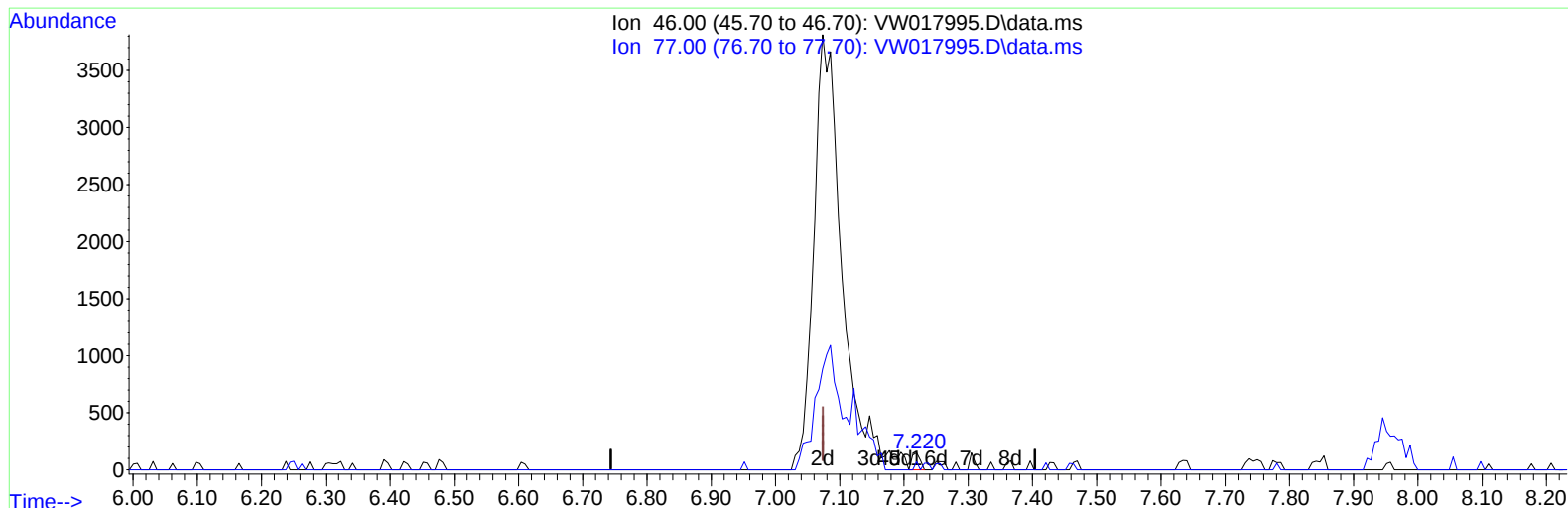
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TIC: VW017995.D\data.ms

(20) 2-Butanone-d5 (S)

7.220min (+ 0.146) 0.11 ug/L

response 132

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.90	19.70
0.00	0.00	0.00
0.00	0.00	0.00

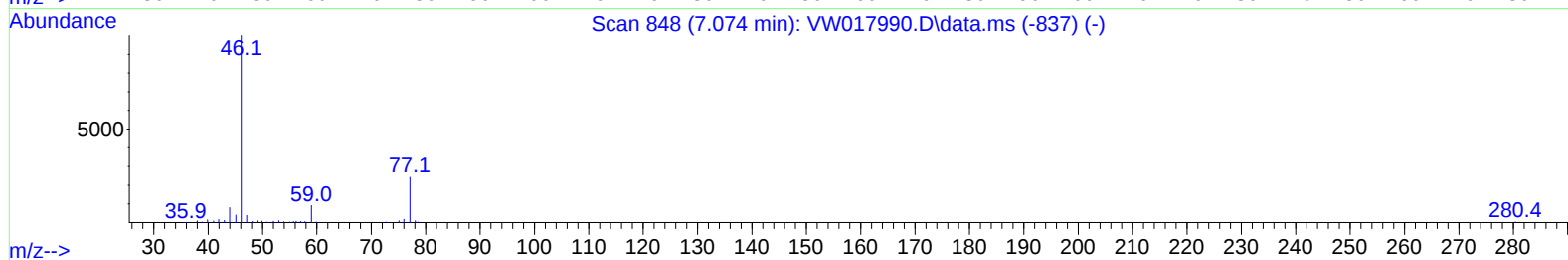
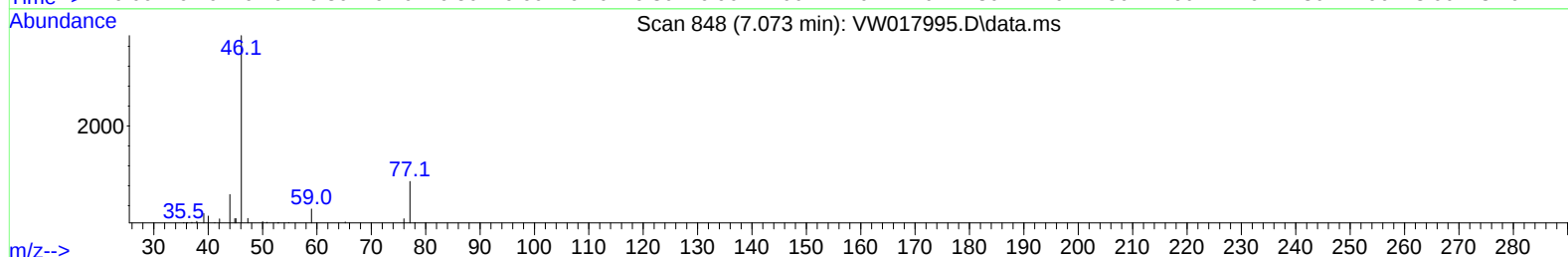
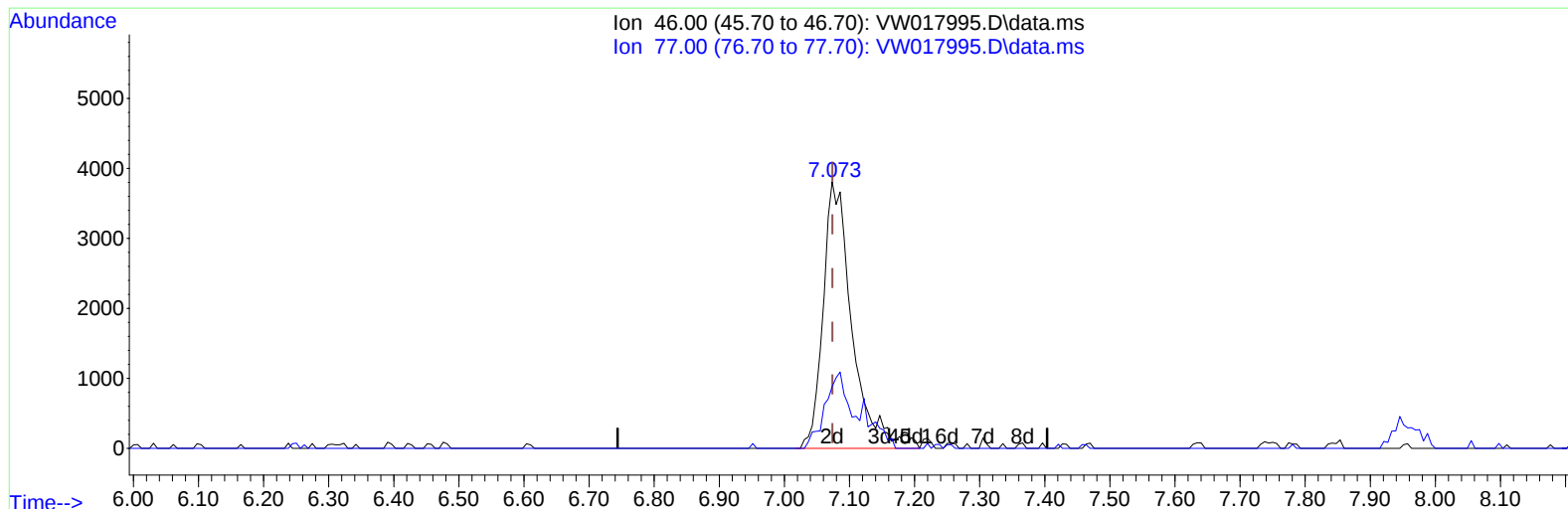
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TIC: VW017995.D\data.ms

(20) 2-Butanone-d5 (S)

7.073min (-0.000) 10.23 ug/L m

response 11746

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.90	0.22#
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	385645	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	361584	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	181337	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	27097	5.85	ug/L	0.00
7) Chloroethane-d5	2.891	69	26749	5.52	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.019	63	51711m	5.52	ug/L	0.00
20) 2-Butanone-d5	7.073	46	11746m	10.23	ug/L	0.00
24) Chloroform-d	7.646	84	53875	5.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	27395	5.21	ug/L	0.00
29) Benzene-d6	8.274	84	104741	5.27	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.268	67	29532	5.30	ug/L	0.00
37) Toluene-d8	10.323	98	97722	5.22	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	10986	4.66	ug/L	0.00
39) 2-Hexanone-d5	10.926	63	8358	9.62	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.694	84	21948	4.98	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	32154	5.19	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	30499	5.49	ug/L	88
3) Chloromethane	2.215	50	26092	4.81	ug/L	96
5) Vinyl chloride	2.367	62	27663	5.14	ug/L	97
6) Bromomethane	2.781	94	25196	5.25	ug/L	98
8) Chloroethane	2.928	64	21596	5.27	ug/L	97
9) Trichlorofluoromethane	3.257	101	19403	4.63	ug/L	96
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	26773	5.02	ug/L #	86
12) 1,1-Dichloroethene	4.037	96	25084	5.24	ug/L #	78
13) Acetone	4.123	43	10254	10.55	ug/L	94
14) Carbon disulfide	4.391	76	69489	5.01	ug/L	97
15) Methyl Acetate	4.671	43	9137	4.73	ug/L	96
16) Methylene chloride	4.921	84	35568	5.75	ug/L	94
17) Methyl tert-butyl Ether	5.421	73	27226	5.16	ug/L #	85
18) trans-1,2-Dichloroethene	5.427	96	28636	5.33	ug/L	98
19) 1,1-Dichloroethane	6.214	63	47823	5.19	ug/L	97
21) 2-Butanone	7.165	43	11644	9.18	ug/L	76
22) cis-1,2-Dichloroethene	7.165	96	29115	5.28	ug/L	95
23) Bromochloromethane	7.512	128	13354	5.41	ug/L	90
25) Chloroform	7.671	83	51652	5.29	ug/L	99
27) 1,2-Dichloroethane	8.402	62	33507	5.36	ug/L #	94
30) Cyclohexane	7.957	56	42525	4.93	ug/L	98
31) 1,1,1-Trichloroethane	7.866	97	40415	5.09	ug/L	96
32) Carbon tetrachloride	8.073	117	37003	4.90	ug/L	98
34) Benzene	8.323	78	109615	5.13	ug/L	100
35) Trichloroethene	9.091	95	30576	5.20	ug/L	94
36) Methylcyclohexane	9.335	83	50602	5.01	ug/L	98
40) 1,2-Dichloropropane	9.366	63	26430	5.10	ug/L	100
41) Bromodichloromethane	9.646	83	33871	4.93	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	36231	4.75	ug/L	94
43) 4-Methyl-2-pentanone	10.213	43	27726	9.61	ug/L	99
44) Toluene	10.390	91	118943	5.05	ug/L	99
45) trans-1,3-Dichloropropene	10.609	75	30372	4.66	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	19136	5.05	ug/L	94
47) Tetrachloroethene	10.859	164	23292	4.94	ug/L	95
49) 2-Hexanone	10.969	43	18808	9.42	ug/L #	87
50) Dibromochloromethane	11.128	129	21281	4.78	ug/L	100
51) 1,2-Dibromoethane	11.237	107	17605	4.81	ug/L #	99
52) Chlorobenzene	11.658	112	76540	5.06	ug/L	91
53) Ethylbenzene	11.731	91	132404	4.93	ug/L	99
54) m,p-Xylene	11.841	106	51214	4.99	ug/L	99
55) o-xylene	12.164	106	46904	4.93	ug/L	94
56) Styrene	12.182	104	80415	4.99	ug/L	97
57) Isopropylbenzene	12.463	105	132053	4.93	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	21973	4.97	ug/L #	96
59) 1,2,3-Trichloropropane	12.767	75	16305	5.06	ug/L	99
62) Bromoform	12.347	173	10821	4.76	ug/L #	96
63) 1,3-Dichlorobenzene	13.499	146	59014	5.14	ug/L	92
64) 1,4-Dichlorobenzene	13.578	146	59987	5.22	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	52722	5.14	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	3408	5.07	ug/L #	77
67) 1,3,5-Trichlorobenzene	14.627	180	42387	5.19	ug/L	98
68) 1,2,4-trichlorobenzene	15.133	180	33681	4.99	ug/L	91
69) Naphthalene	15.365	128	62663	4.93	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	29517	5.12	ug/L	96

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

