

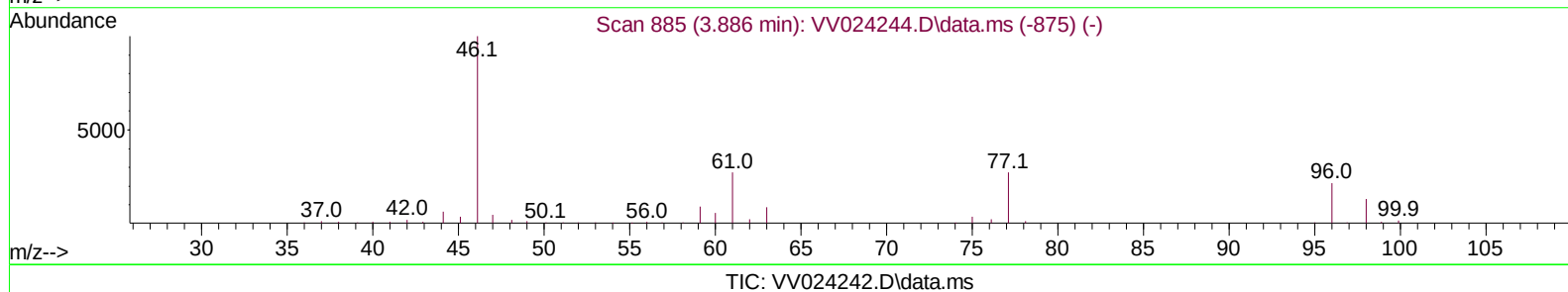
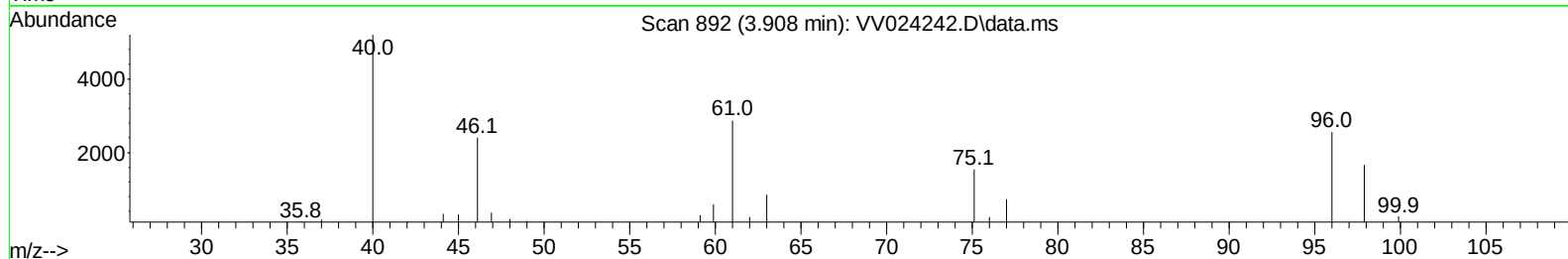
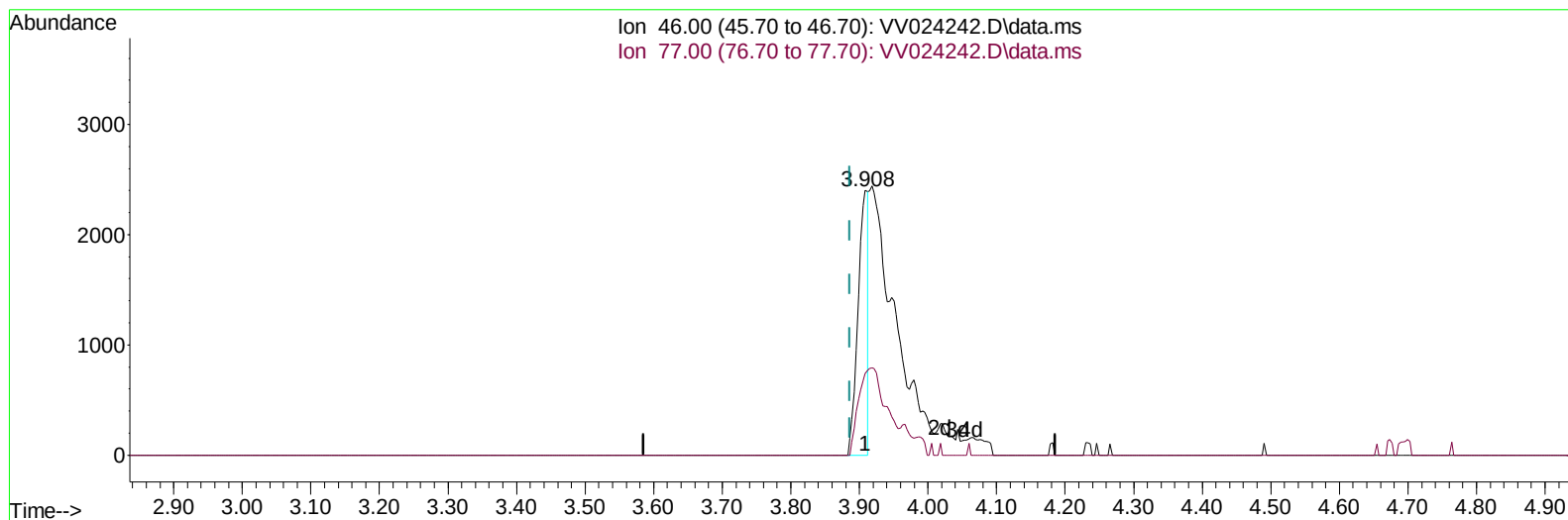
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV123121\
Data File : VV024242.D
Acq On : 30 Dec 2021 19:07
Operator : SY/MD
Sample : VSTD00569
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005269

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/02/2022

Quant Time: Dec 31 05:01:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 31 05:01:12 2021
Response via : Initial Calibration

**(21) 2-Butanone-d5 (S)**

3.908min (+ 0.022) 2.51 ug/L

response 2405

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	28.10	73.80#
0.00	0.00	0.00
0.00	0.00	0.00

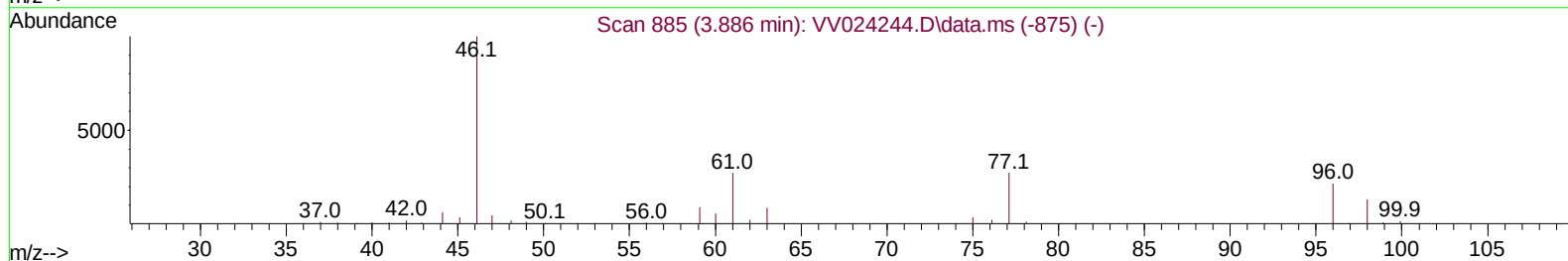
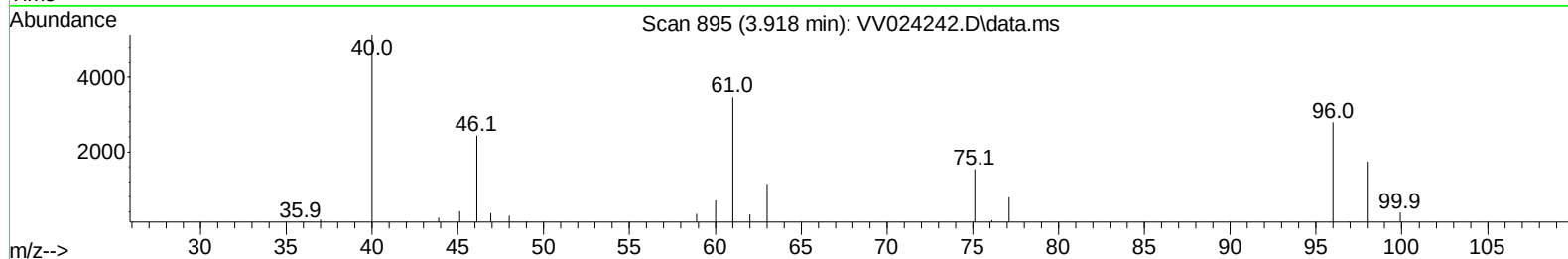
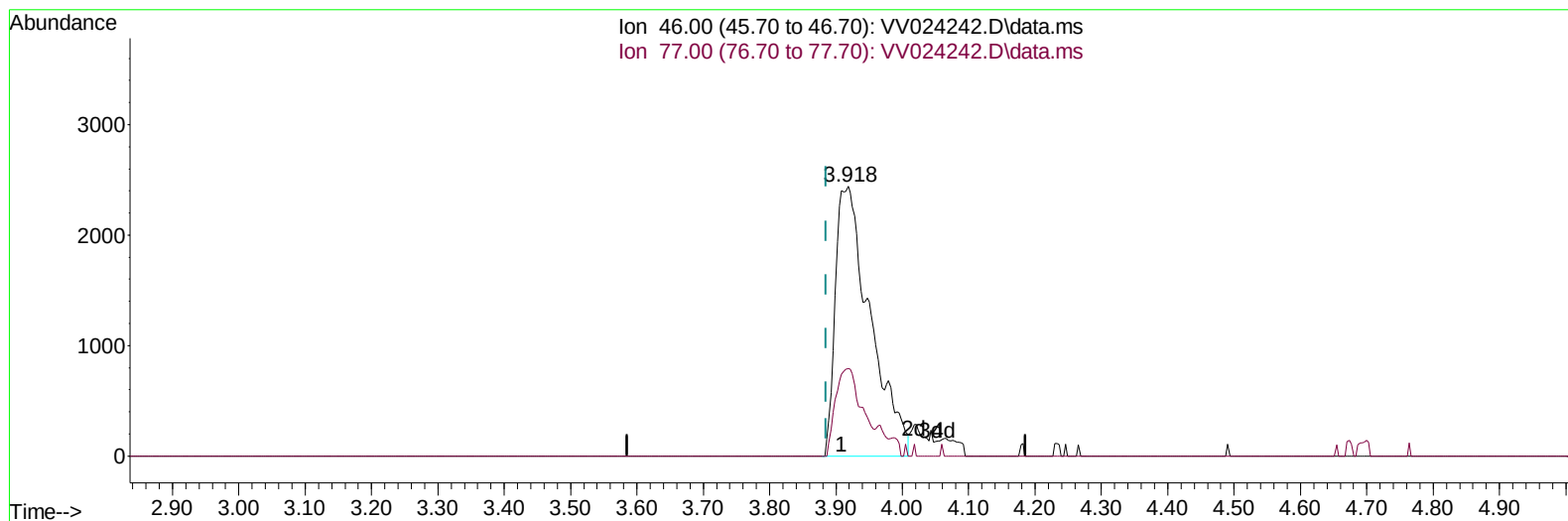
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TIC: VV024242.D\data.ms

(21) 2-Butanone-d5 (S)

3.918min (+ 0.032) 9.22 ug/L m

response 8835

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	28.10	20.09
0.00	0.00	0.00
0.00	0.00	0.00

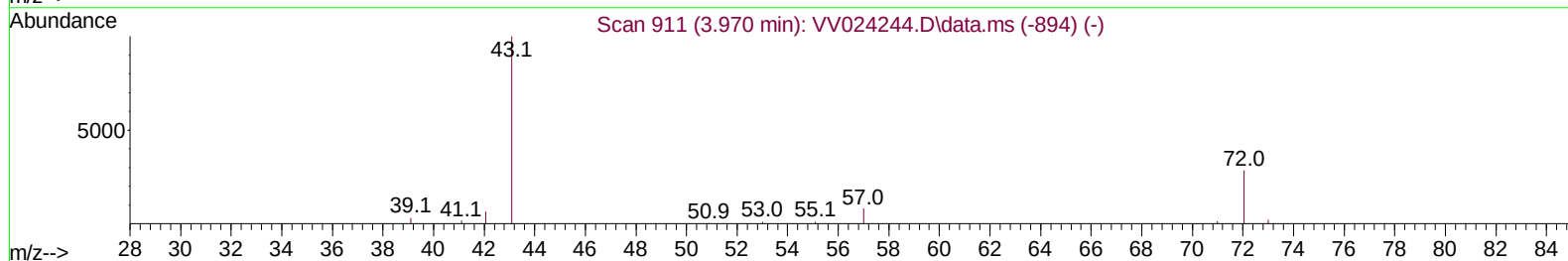
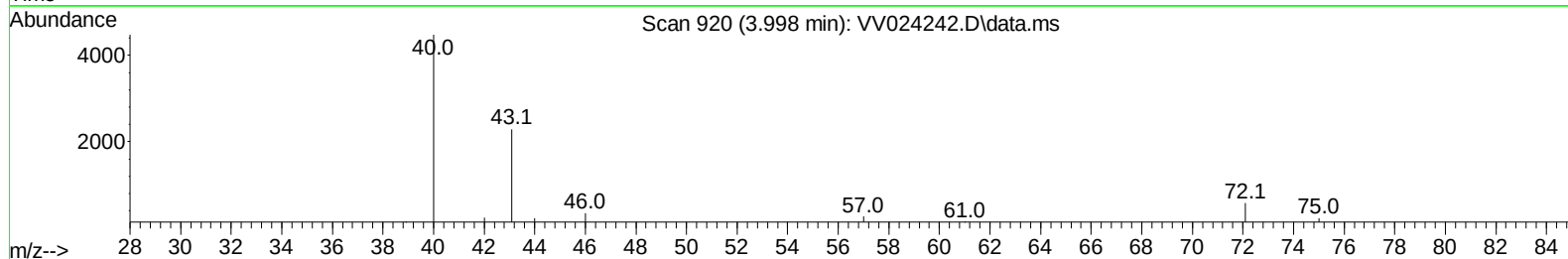
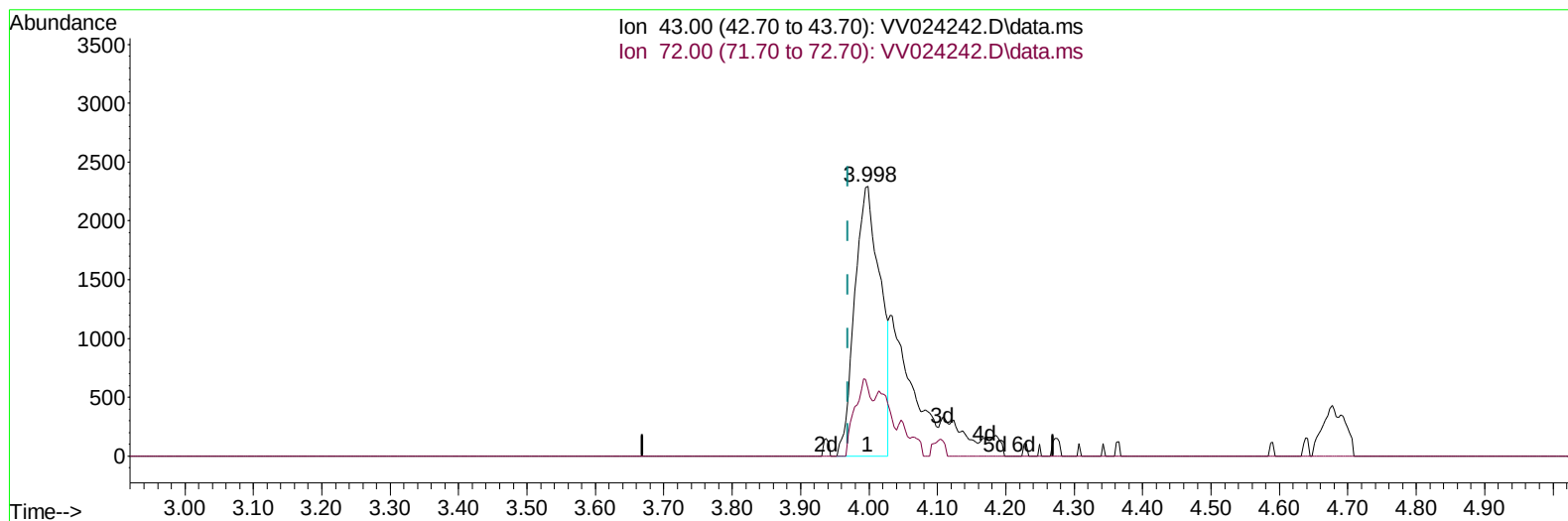
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TIC: VV024242.D\data.ms

(22) 2-Butanone (T)

3.998min (+ 0.029) 5.98 ug/L

response 5973

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.90	18.01
0.00	0.00	0.00
0.00	0.00	0.00

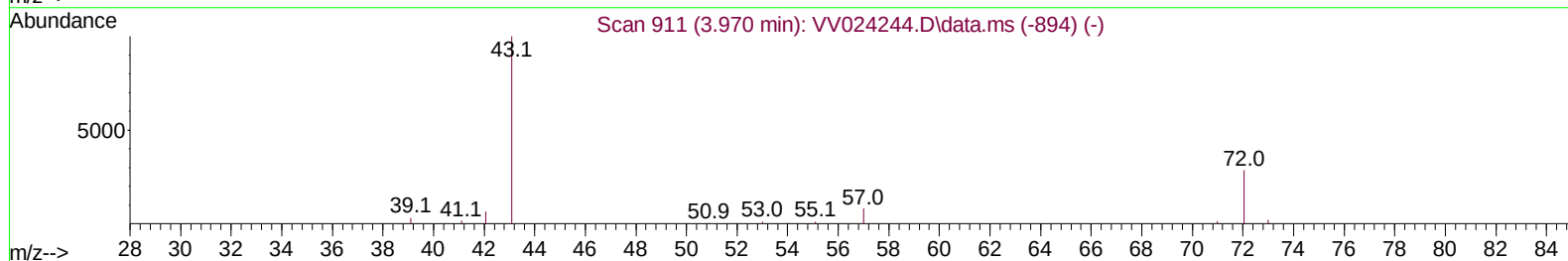
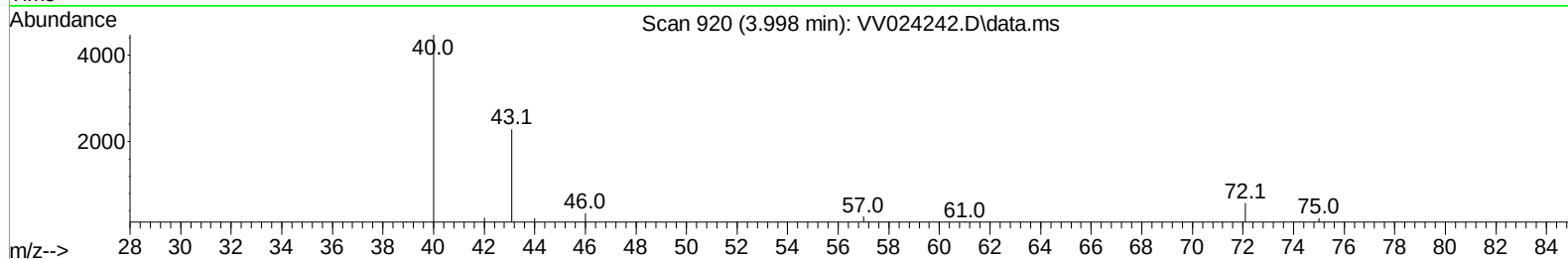
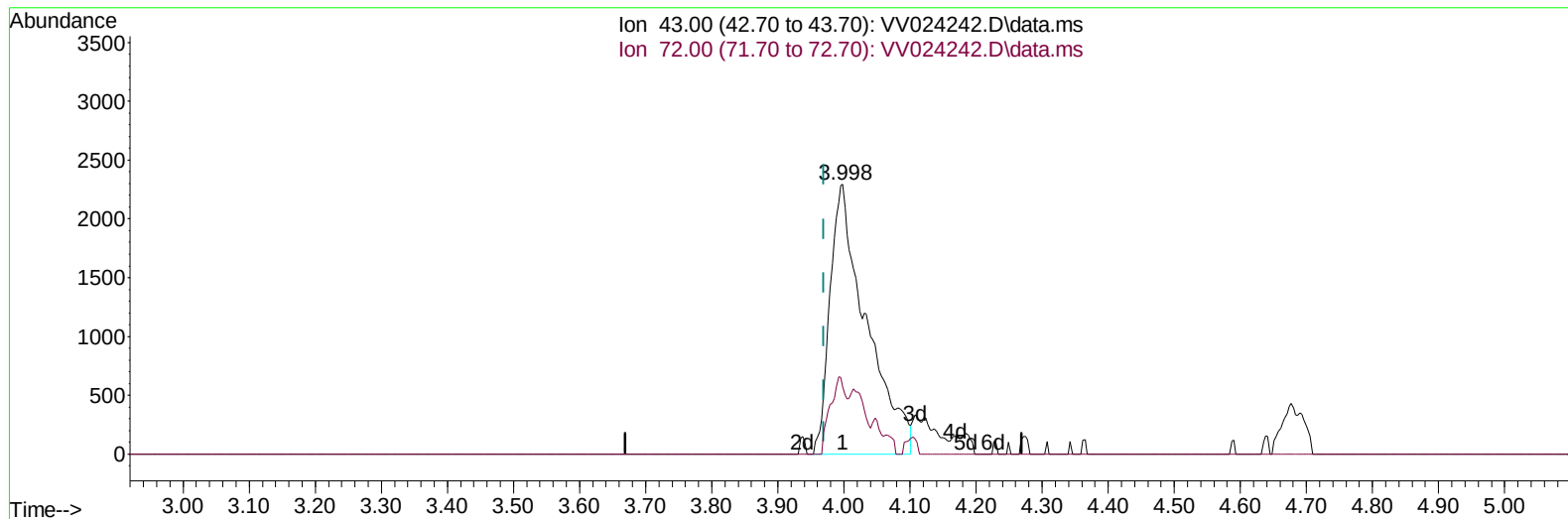
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Response via : Initial Calibration



TIC: VV024242.D\data.ms

(22) 2-Butanone (T)

3.998min (+ 0.029) 8.74 ug/L m

response 8731

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.90	12.32#
0.00	0.00	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	5.616	114	237846	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	224680	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	113283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	8718	5.093	ug/L	0.00
7) Chloroethane-d5	1.568	69	6630	5.099	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	15733	4.918	ug/L	0.00
21) 2-Butanone-d5	3.918	46	8835m	9.218	ug/L	0.03
24) Chloroform-d	4.355	84	15295	4.889	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	10336	4.935	ug/L	0.00
32) Benzene-d6	5.056	84	28232	4.815	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	8001	4.869	ug/L	0.00
41) Toluene-d8	7.320	98	26218	4.618	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	4091	4.324	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	5382	7.539	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	11079	4.718	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	11730	5.195	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	9543	4.973	ug/L	100
3) Chloromethane	1.243	50	8232	5.106	ug/L	95
5) Vinyl chloride	1.310	62	8228	4.824	ug/L #	75
6) Bromomethane	1.523	94	4504	4.634	ug/L	96
8) Chloroethane	1.587	64	5623	5.341	ug/L	92
9) Trichlorofluoromethane	1.754	101	15243	4.971	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	7316	4.882	ug/L	97
12) 1,1-Dichloroethene	2.121	96	6735	4.649	ug/L	81
13) Acetone	2.182	43	10134	11.327	ug/L	62
14) Carbon disulfide	2.298	76	20360	4.840	ug/L	98
15) Methyl Acetate	2.442	43	6300	4.600	ug/L	99
16) Methylene chloride	2.510	84	8296	5.258	ug/L	95
17) trans-1,2-Dichloroethene	2.764	96	7347	4.921	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	20823	4.526	ug/L #	92
19) 1,1-Dichloroethane	3.195	63	11641	4.701	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	7335	4.600	ug/L	98
22) 2-Butanone	3.998	43	8731m	8.735	ug/L	
23) Bromochloromethane	4.259	128	4526	4.927	ug/L	93
25) Chloroform	4.381	83	14231	4.916	ug/L	100
27) 1,2-Dichloroethane	5.137	62	11356	4.823	ug/L	98
29) Cyclohexane	4.683	56	8490	4.227	ug/L #	88
30) 1,1,1-Trichloroethane	4.609	97	13176	4.766	ug/L	99
31) Carbon tetrachloride	4.831	117	11968	4.666	ug/L	100
33) Benzene	5.105	78	25326	4.433	ug/L	100
34) Trichloroethene	5.918	95	7583	4.813	ug/L	96
35) Methylcyclohexane	6.133	83	9835	4.209	ug/L	94
37) 1,2-Dichloropropane	6.178	63	6008	4.471	ug/L	98
38) Bromodichloromethane	6.513	83	9496	4.503	ug/L #	94
39) cis-1,3-Dichloropropene	7.034	75	9762	4.322	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	15354	8.762	ug/L	98
42) Toluene	7.391	91	28401	4.429	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.657	75	9177	4.005	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	7133	4.735	ug/L	95
46) Tetrachloroethene	7.979	164	6751	4.708	ug/L	98
48) 2-Hexanone	8.146	43	11777	8.368	ug/L	98
49) Dibromochloromethane	8.246	129	8818	4.670	ug/L	98
50) 1,2-Dibromoethane	8.355	107	7472	4.618	ug/L	93
51) Chlorobenzene	8.883	112	20092	4.652	ug/L	98
52) Ethylbenzene	9.014	91	29758	4.344	ug/L	97
53) m,p-Xylene	9.140	106	11856	4.317	ug/L	89
54) o-Xylene	9.545	106	10795	4.118	ug/L	99
55) Styrene	9.564	104	18128	3.982	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.243	83	10052	4.570	ug/L	91
59) Bromoform	9.731	173	6271	4.855	ug/L	97
60) Isopropylbenzene	9.931	105	28794	4.593	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	8944	5.377	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	23881	4.429	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	23396	4.346	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	15192	4.700	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	16487	4.946	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	16681	5.008	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	2269	4.736	ug/L	90
69) 1,3,5-Trichlorobenzene	12.648	180	11567	4.653	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	9379	4.411	ug/L	99
71) Naphthalene	13.503	128	25566	4.156	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	10009	4.555	ug/L	97

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