

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV082818\
Data File : VV007222.D
Acq On : 28 Aug 2018 11:53
Operator : SY/MD
Sample : VSTD0.576
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.576

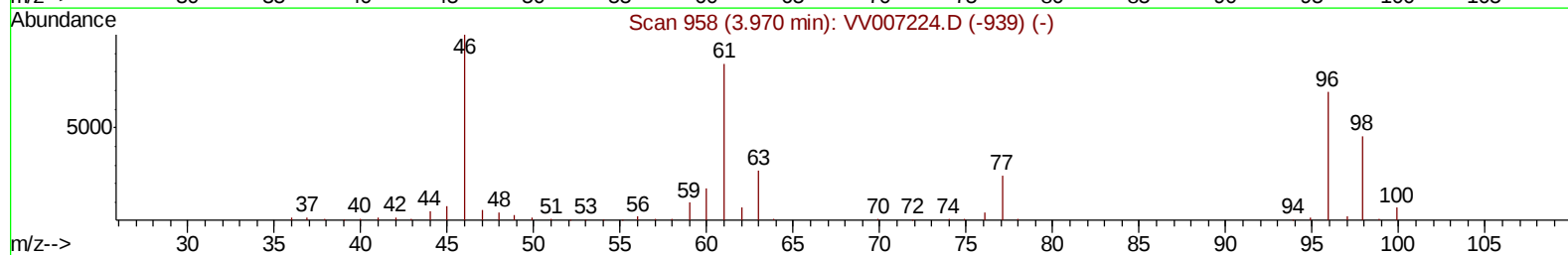
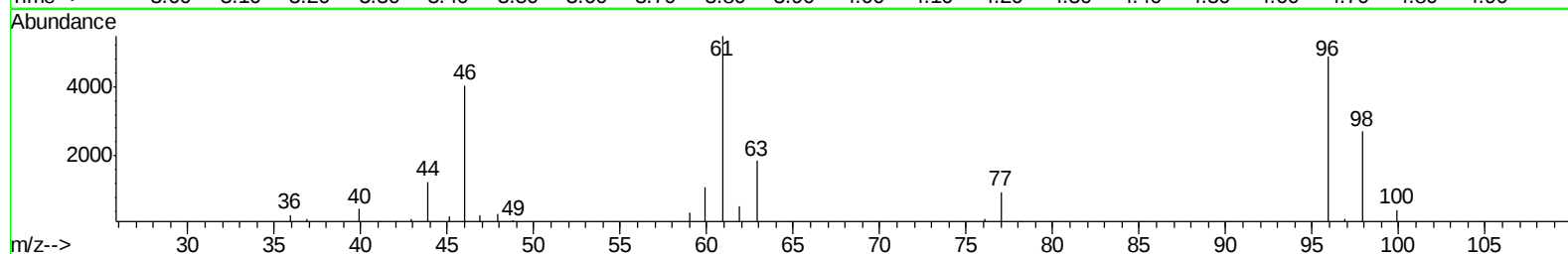
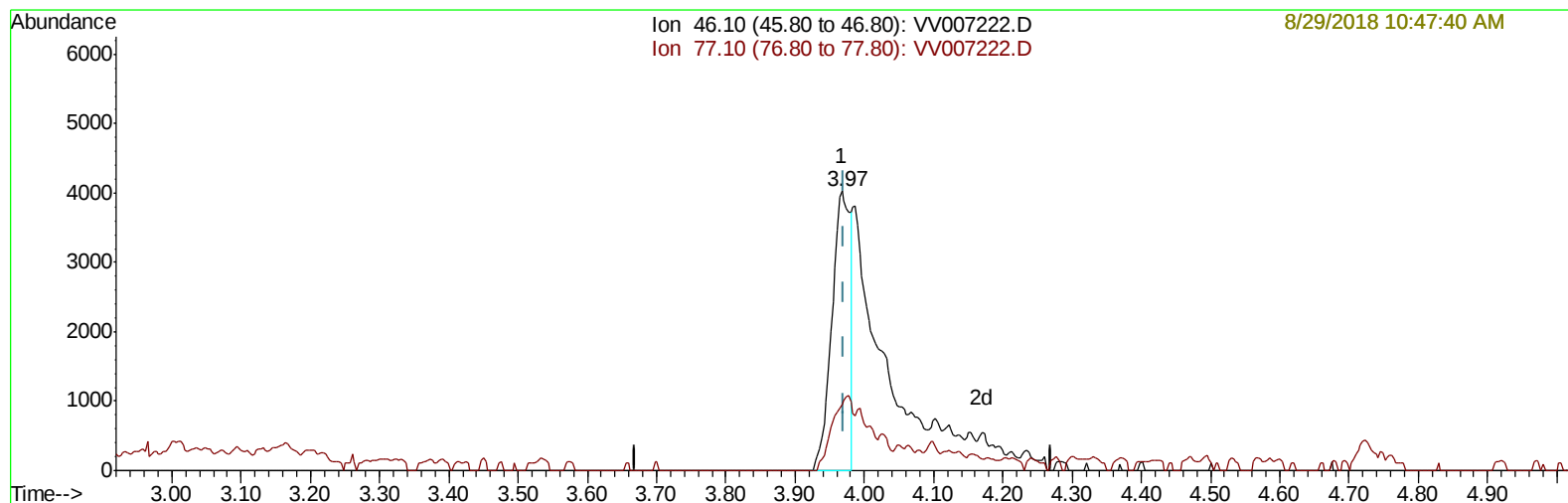
Manual Integrations
APPROVED

MMDadoda
8/29/2018 10:47:40 AM

MMDadoda

Quant Time: Aug 29 00:40:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 00:40:11 2018
Response via : Initial Calibration

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TIC: VV007222.D

(20) 2-Butanone-d5 (S)

3.967min (-0.003) 1.69ug/L

response 7363

Ion	Exp%	Act%
46.10	100	100
77.10	23.00	31.10#
0.00	0.00	0.00
0.00	0.00	0.00

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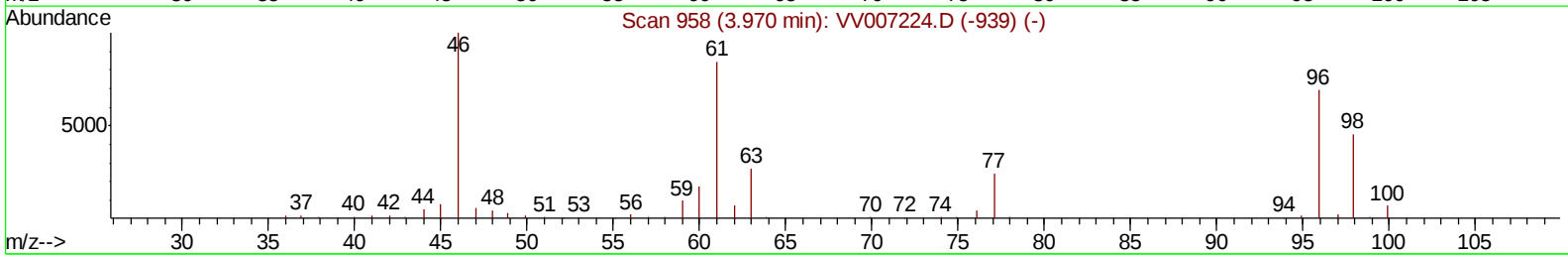
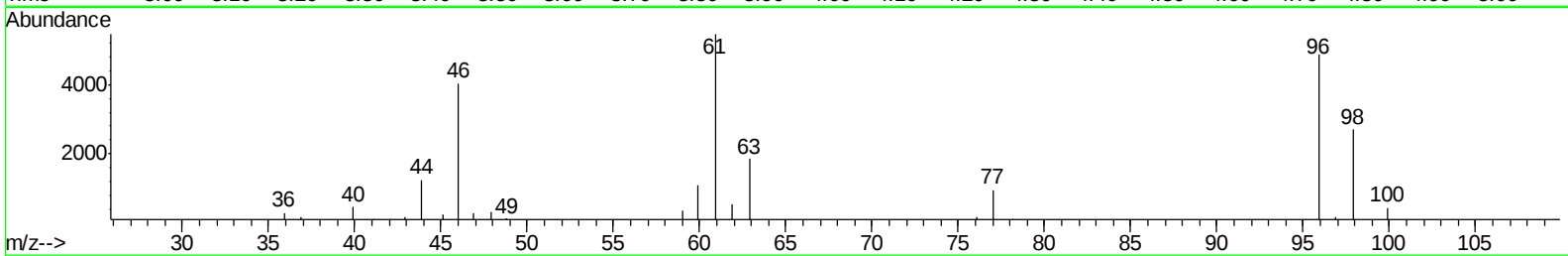
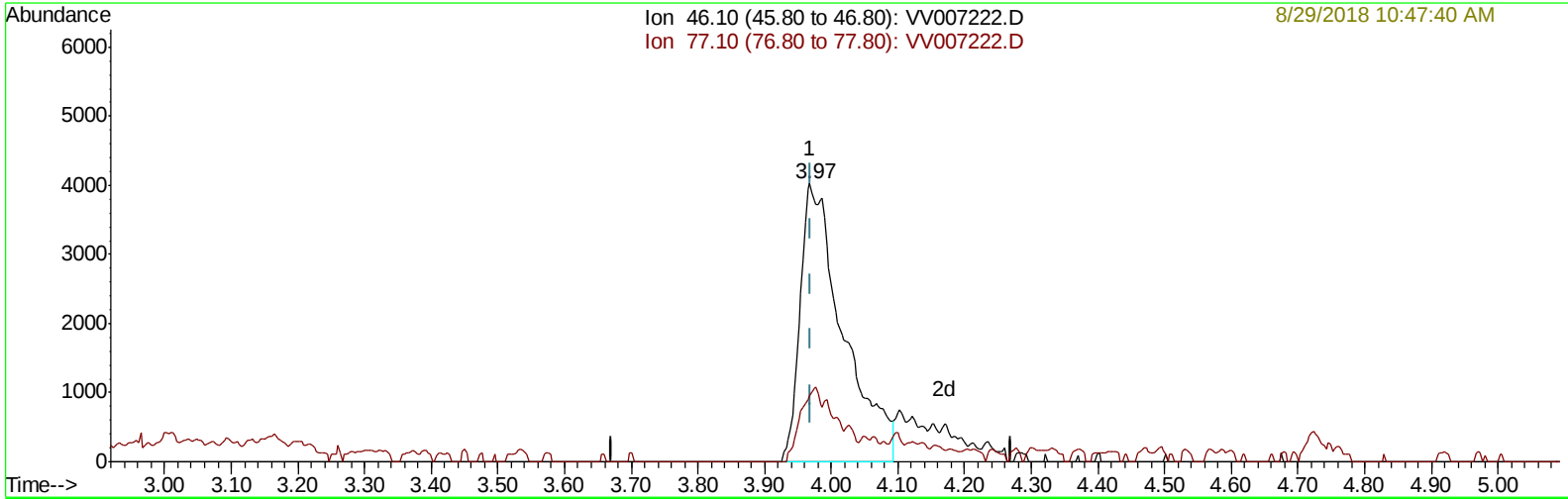
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TIC: VV007222.D

(20) 2-Butanone-d5 (S)

3.967min (-0.003) 4.11ug/L m

response 17951

Ion	Exp%	Act%
46.10	100	100
77.10	23.00	12.76#
0.00	0.00	0.00
0.00	0.00	0.00

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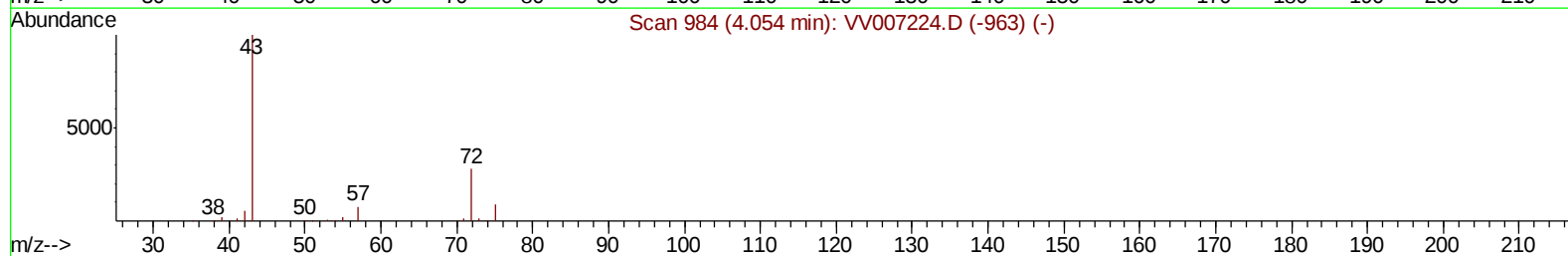
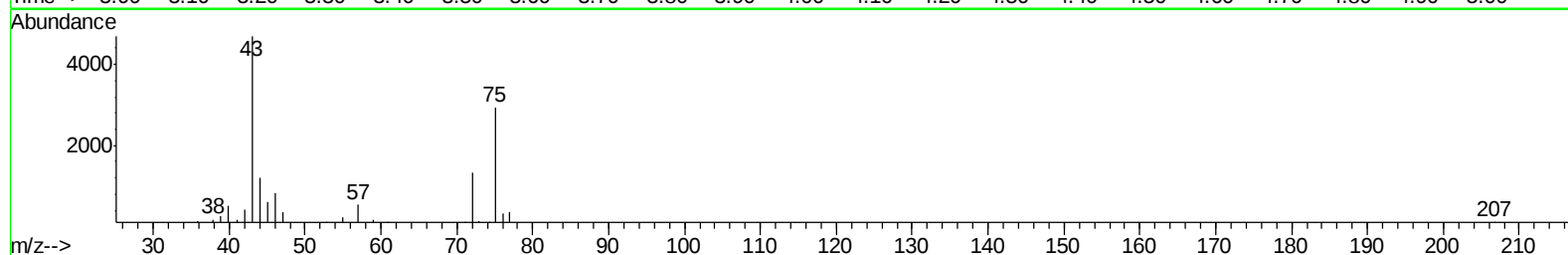
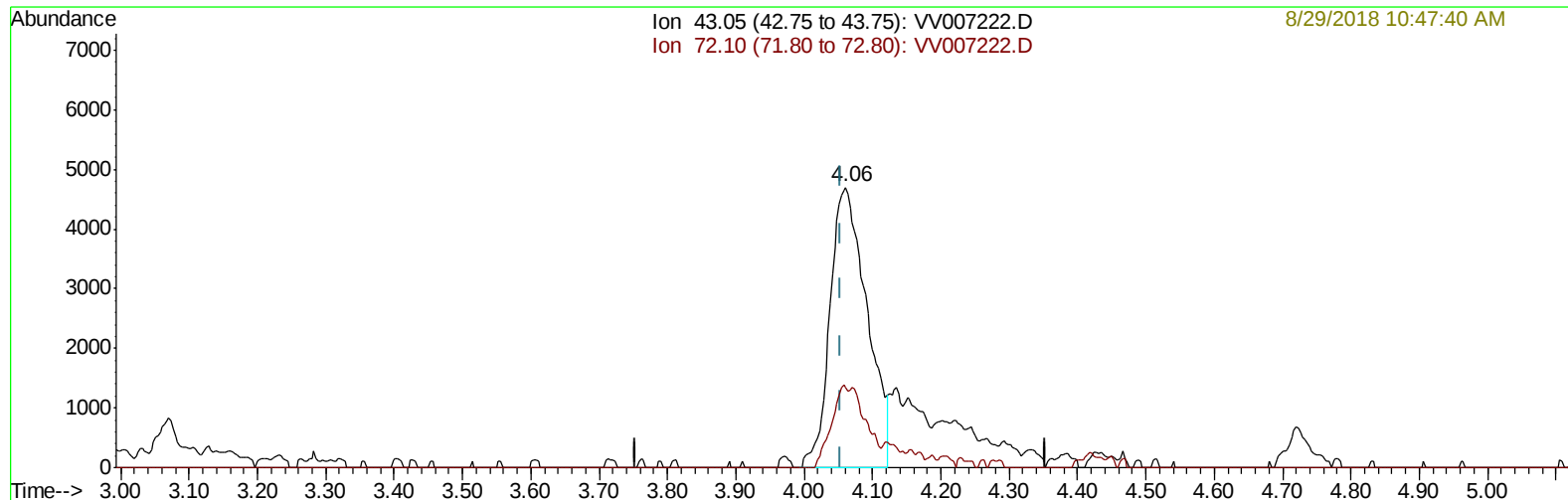
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Ion 43.05 (42.75 to 43.75): VV007222.D
Ion 72.10 (71.80 to 72.80): VV007222.D



TIC: VV007222.D

(21) 2-Butanone (T)
4.061min (+0.007) 3.42ug/L
response 17626

Ion	Exp%	Act%
43.05	100	100
72.10	24.70	13.17
0.00	0.00	0.00
0.00	0.00	0.00

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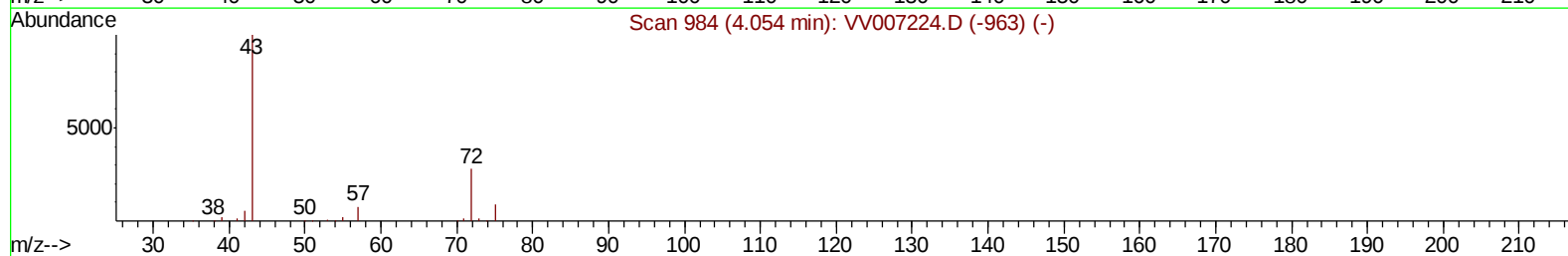
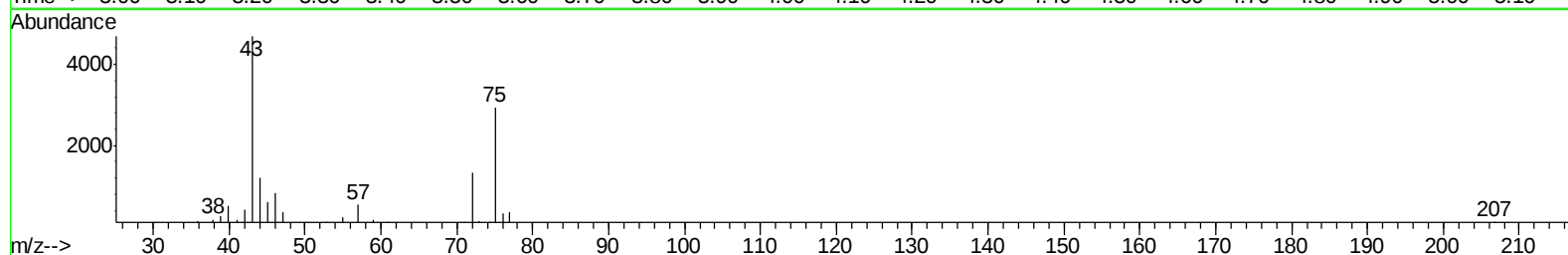
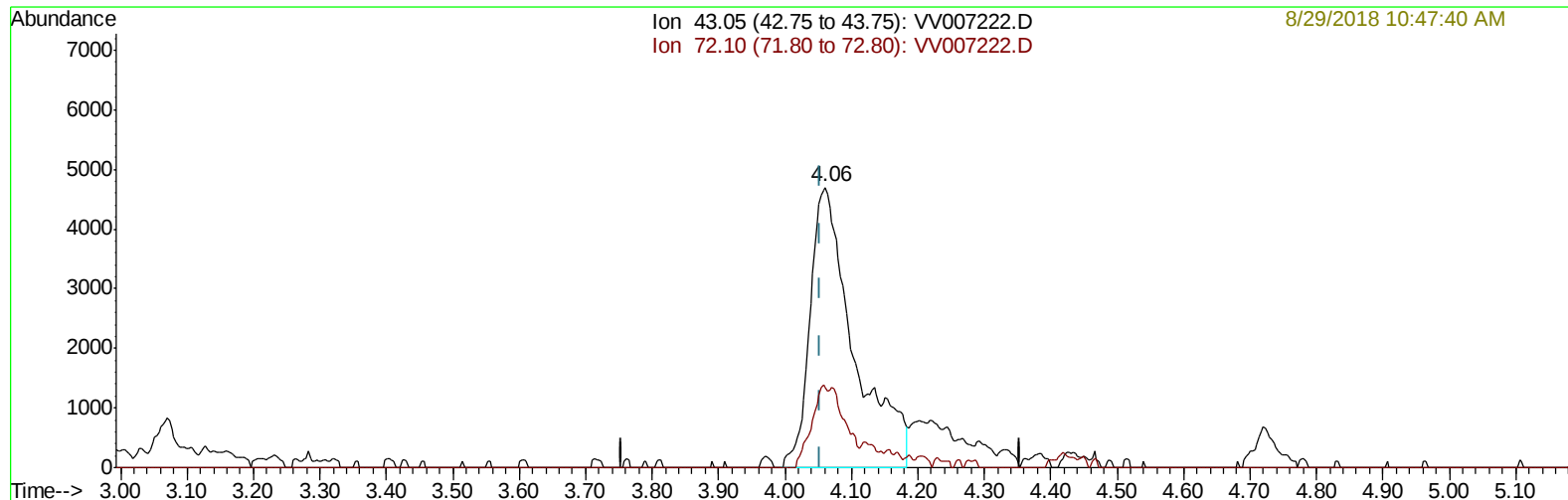
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Ion 43.05 (42.75 to 43.75): VV007222.D
Ion 72.10 (71.80 to 72.80): VV007222.D



TIC: VV007222.D

(21) 2-Butanone (T)

4.061min (+0.007) 4.17ug/L m

response 21505

Ion	Exp%	Act%
43.05	100	100
72.10	24.70	10.80#
0.00	0.00	0.00
0.00	0.00	0.00

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MMDadoda
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MMDadoda

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	8/29/2018 10:47:40 AM
1) 1,4-Difluorobenzene	5.67	114	266826	5.00	ug/L	0.00	
28) Chlorobenzene-d5	8.90	117	263727	5.00	ug/L	0.00	
60) 1,4-Dichlorobenzene-d4	11.30	152	110341	5.00	ug/L	0.00	

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9506	0.51	ug/L	0.00
7) Chloroethane-d5	1.58	69	8263	0.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	17885	0.53	ug/L	0.00
20) 2-Butanone-d5	3.97	46	17951m	4.11	ug/L	0.00
24) Chloroform-d	4.40	84	19182	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	9214	0.51	ug/L	0.00
32) Benzene-d6	5.10	84	34747	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	12519	0.52	ug/L	0.00
41) Toluene-d8	7.37	98	27545	0.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4076	0.49	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	5198	2.13	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	8701	0.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	11007	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	10529	0.466 ug/L	98
3) Chloromethane	1.25	50	12639	0.511 ug/L	99
5) Vinyl chloride	1.32	62	11164	0.484 ug/L	96
6) Bromomethane	1.54	94	4222	0.550 ug/L	96
8) Chloroethane	1.60	64	7066	0.498 ug/L	97
9) Trichlorofluoromethane	1.77	101	15495	0.496 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9487	0.485 ug/L	96
12) 1,1-Dichloroethene	2.14	96	8832	0.484 ug/L	88
13) Acetone	2.21	43	9420	3.655 ug/L	84
14) Carbon disulfide	2.32	76	27889	0.533 ug/L #	94
15) Methyl Acetate	2.47	43	3331	0.503 ug/L	90
16) Methylene chloride	2.54	84	14376	0.669 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	21630	0.490 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	10332	0.521 ug/L	98
19) 1,1-Dichloroethane	3.23	63	20315	0.542 ug/L	98
21) 2-Butanone	4.06	43	21505m	4.174 ug/L	
22) cis-1,2-Dichloroethene	3.97	96	11178	0.509 ug/L	89
23) Bromochloromethane	4.31	128	4902	0.487 ug/L	91
25) Chloroform	4.43	83	19288	0.483 ug/L	96
27) 1,2-Dichloroethane	5.19	62	10673	0.470 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	16951	0.498 ug/L	96
30) Cyclohexane	4.72	56	13125	0.434 ug/L	97
31) Carbon tetrachloride	4.87	117	13362	0.469 ug/L	97
33) Benzene	5.15	78	38776	0.449 ug/L	100
34) Trichloroethene	5.96	95	10349	0.496 ug/L	93
35) Methylcyclohexane	6.18	83	12772	0.411 ug/L	96
37) 1,2-Dichloropropane	6.23	63	11189	0.480 ug/L	99
38) Bromodichloromethane	6.56	83	12789	0.472 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	11909	0.430 ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	45917	3.988 ug/L	94

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42) Toluene	7.44	91	34287	0.414	ug/L	95	
44) trans-1,3-Dichloropropene	7.70	75	9961	0.432	ug/L	91	
45) 1,1,2-Trichloroethane	7.89	97	7315	0.463	ug/L	98	
47) Tetrachloroethene	8.02	164	8377	0.480	ug/L	95	
48) 2-Hexanone	8.20	43	33244	3.857	ug/L	94	
49) Dibromochloromethane	8.30	129	8497	0.489	ug/L	95	
50) 1,2-Dibromoethane	8.40	107	6036	0.454	ug/L	93	
51) Chlorobenzene	8.93	112	26246	0.477	ug/L	97	
52) Ethylbenzene	9.06	91	35648	0.436	ug/L	97	
53) m,p-xylene	9.19	106	11894	0.385	ug/L	94	
54) o-xylene	9.59	106	11400	0.387	ug/L	94	
55) Styrene	9.61	104	18502	0.366	ug/L	99	
56) Isopropylbenzene	9.98	105	30678	0.397	ug/L	98	
58) 1,1,2,2-Tetrachloroethane	10.29	83	8444	0.454	ug/L #	97	
59) 1,2,3-Trichloropropane	10.33	75	6439	0.478	ug/L	99	
61) Bromoform	9.78	173	4392	0.500	ug/L	92	
62) 1,3-Dichlorobenzene	11.23	146	18324	0.520	ug/L	97	
63) 1,4-Dichlorobenzene	11.33	146	18867	0.507	ug/L	96	
65) 1,2-Dichlorobenzene	11.70	146	16919	0.479	ug/L	94	
66) 1,2-Dibromo-3-chloropropan	12.48	75	872	0.432	ug/L #	80	
67) 1,3,5-Trichlorobenzene	12.70	180	11846	0.450	ug/L	99	
68) 1,2,4-trichlorobenzene	13.32	180	6818	0.386	ug/L	96	
69) Naphthalene	13.57	128	8033	0.349	ug/L	97	
70) 1,2,3-Trichlorobenzene	13.80	180	7042	0.411	ug/L	99	

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

