

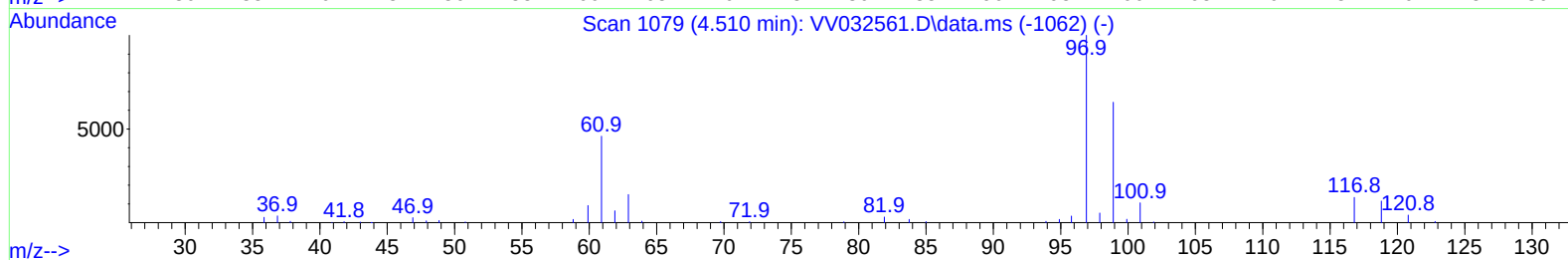
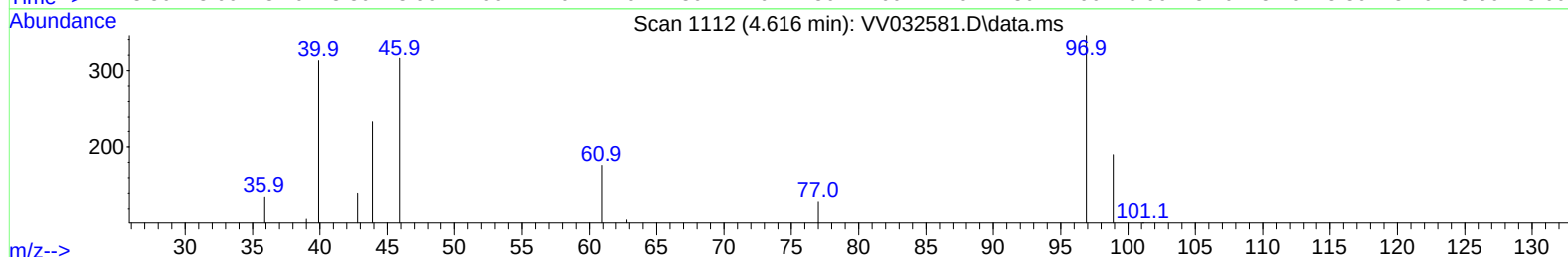
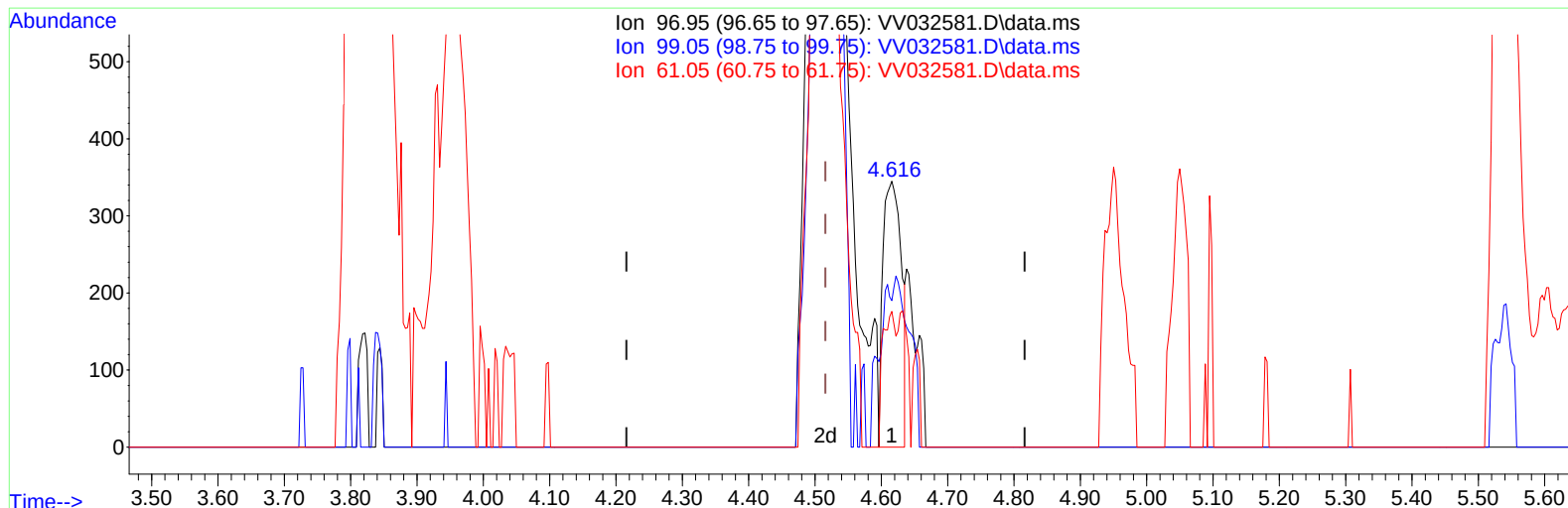
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102323\
 Data File : VV032581.D
 Acq On : 23 Oct 2023 19:31
 Operator : SY/MD
 Sample : 04950-26DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4AA1DL

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/24/2023
 Supervised By :Mahesh Dadoda 10/26/2023

Quant Time: Oct 24 06:58:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
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TIC: VV032581.D\data.ms

(29) 1,1,1-Trichloroethane (T)

4.616min (+ 0.100) 0.05 ug/L

response 661

Ion	Exp%	Act%
96.95	100.00	100.00
99.05	62.60	58.85
61.05	43.90	36.31
0.00	0.00	0.00

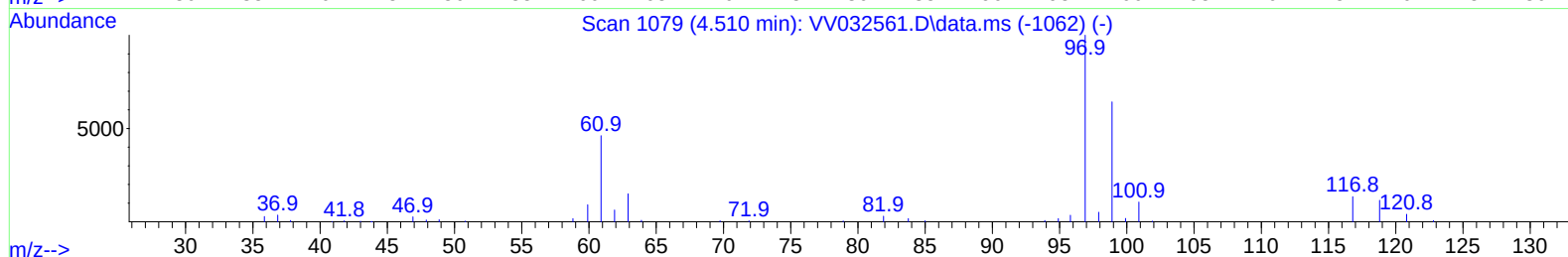
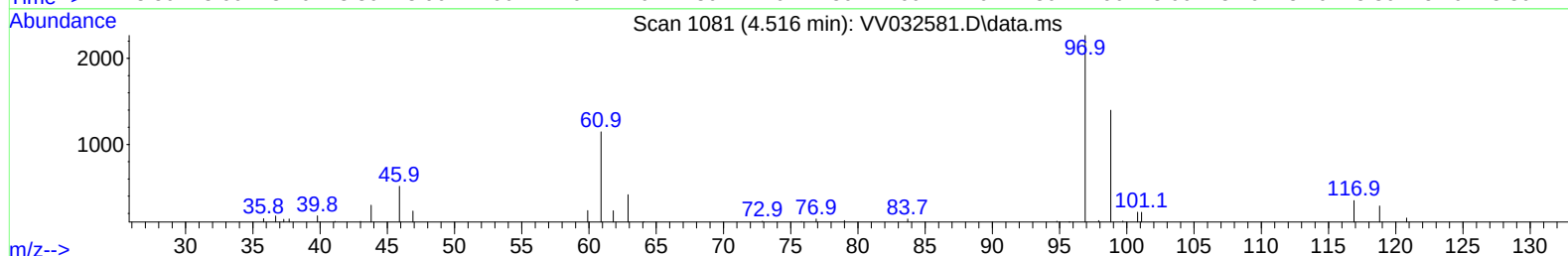
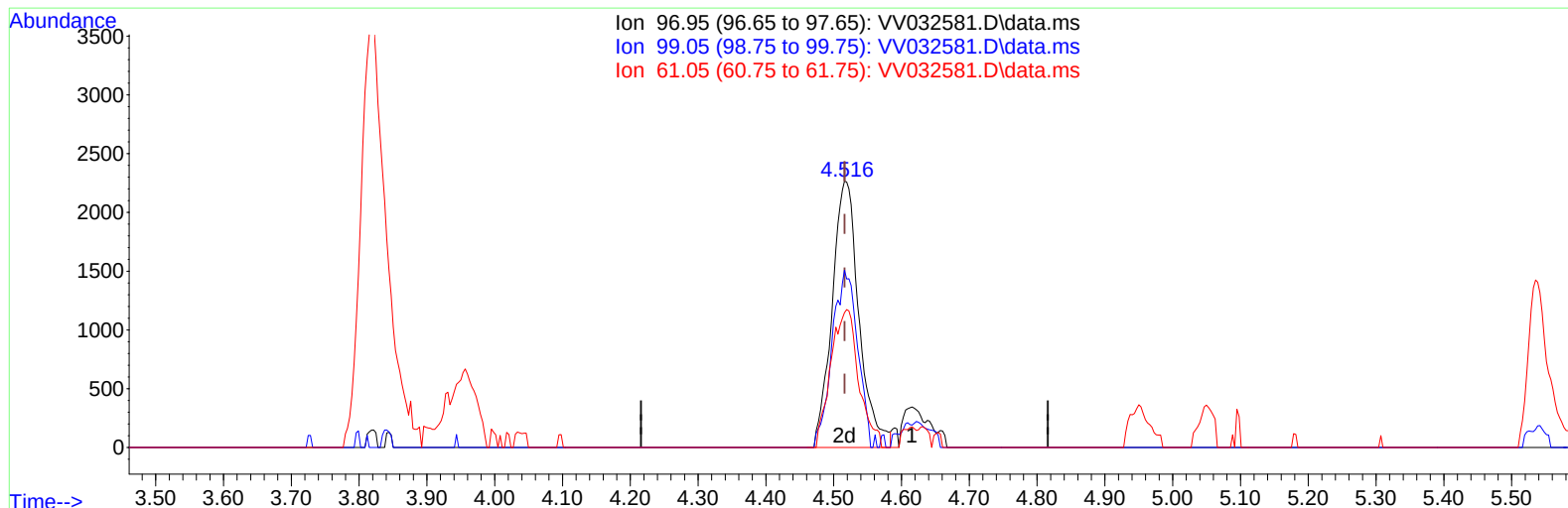
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TIC: VV032581.D\data.ms

(29) 1,1,1-Trichloroethane (T)

4.516min (-0.000) 0.45 ug/L m

response 6236

Ion	Exp%	Act%
96.95	100.00	100.00
99.05	62.60	6.24#
61.05	43.90	3.85#
0.00	0.00	0.00

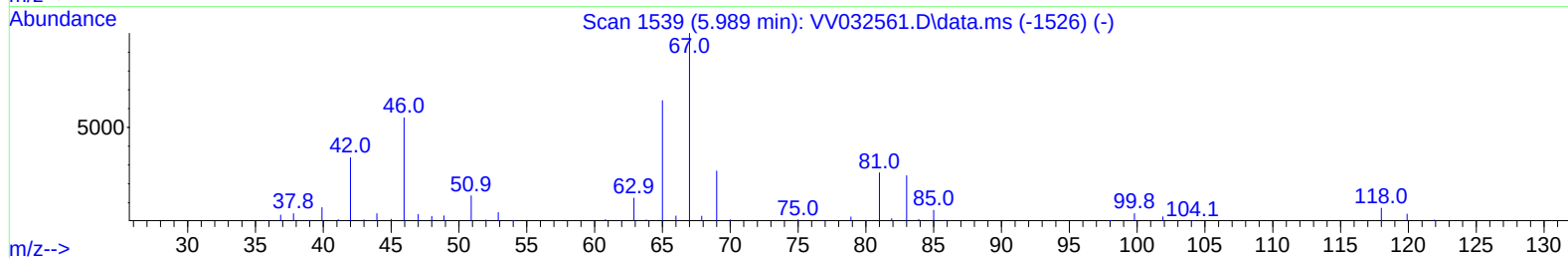
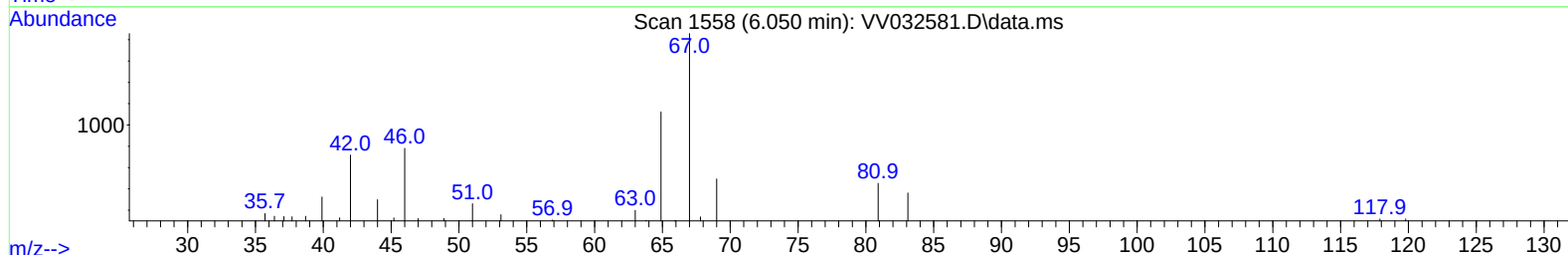
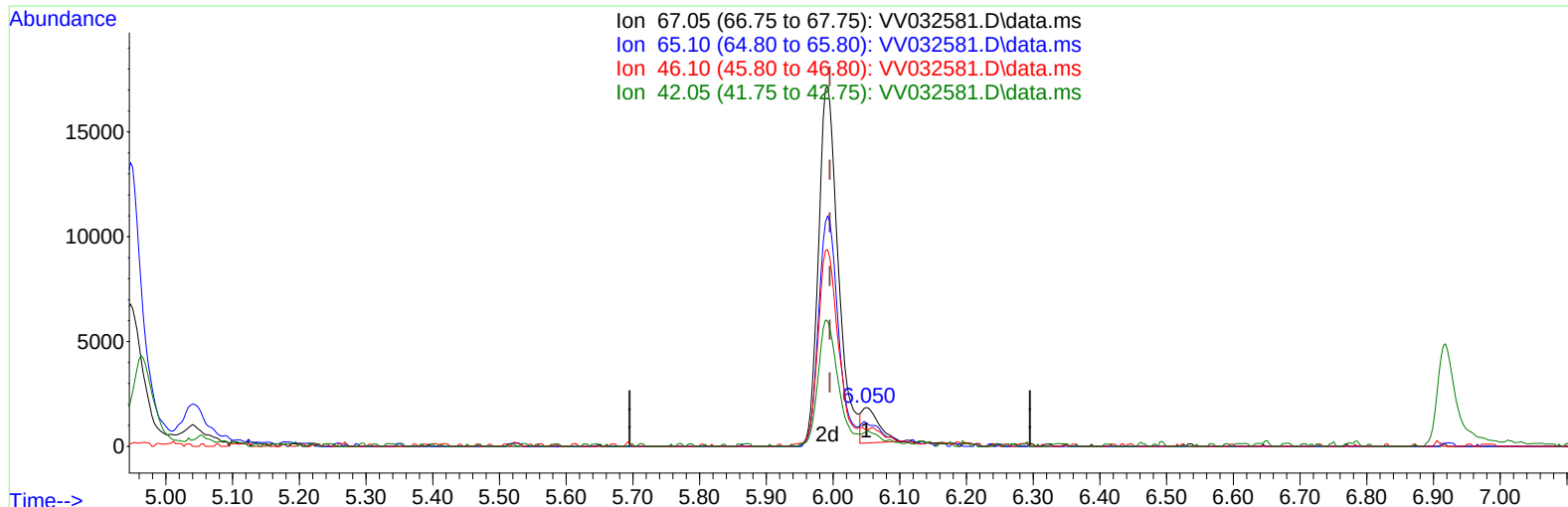
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TIC: VV032581.D\data.ms

(36) 1,2-Dichloropropane-d6 (S)

6.050min (+ 0.055) 0.30 ug/L

response 3016

Ion	Exp%	Act%
67.05	100.00	100.00
65.10	67.60	73.71
46.10	49.60	48.34
42.05	26.30	25.36

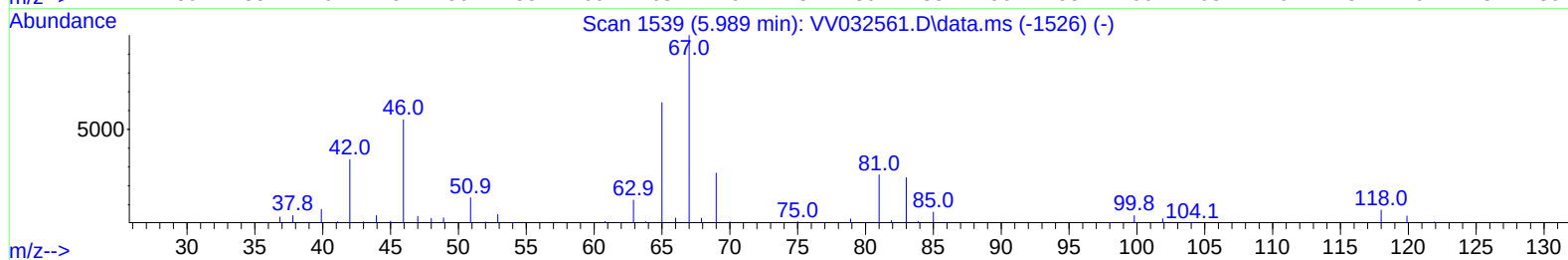
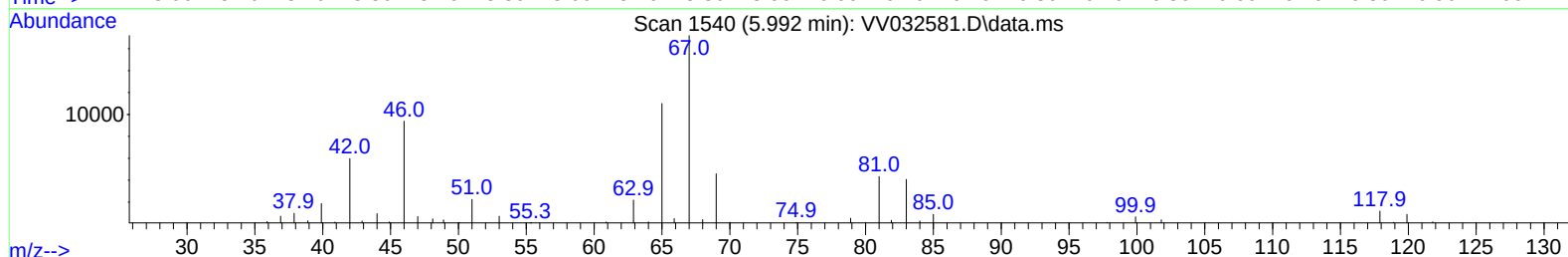
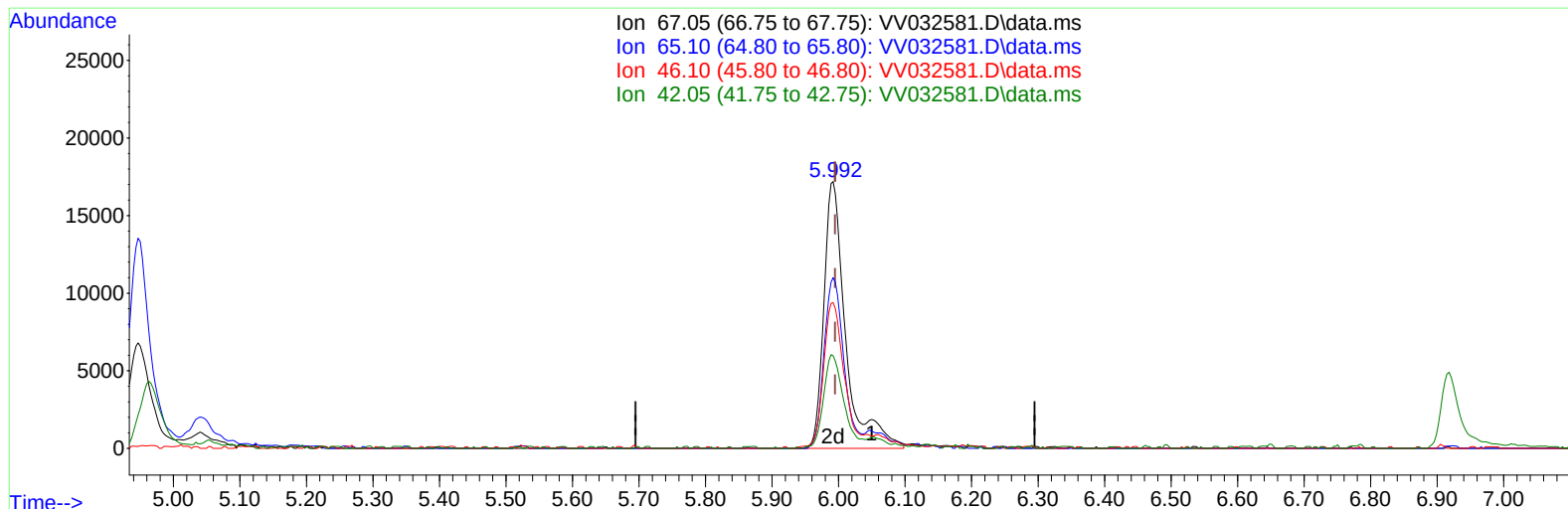
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TIC: VV032581.D\data.ms

(36) 1,2-Dichloropropane-d6 (S)

5.992min (-0.003) 3.93 ug/L m

response 39340

Ion	Exp%	Act%
67.05	100.00	100.00
65.10	67.60	5.65#
46.10	49.60	3.71#
42.05	26.30	1.94#

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	87716	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	102781	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25495	3.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.532	69	26554	4.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.059	65	10648	3.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.802	46	67583	37.450	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.900%
24) Chloroform-d	4.252	84	55618	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.947	65	30031	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	4.963	84	99600	3.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.800%#
36) 1,2-Dichloropropane-d6	5.992	67	39340m	3.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.246	98	91240	3.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.558	79	13250	3.732	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.030	63	79731	47.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.460%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34021	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	34768	4.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	7674	0.785	ug/L	97
5) Vinyl chloride	1.281	62	9204	0.979	ug/L	93
8) Chloroethane	1.548	64	21797	3.852	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	17834	2.611	ug/L	97
12) 1,1-Dichloroethene	2.069	96	3740	0.581	ug/L #	1
13) Acetone	2.127	43	36621	26.329	ug/L	95
15) Methyl Acetate	2.384	43	5555	1.774	ug/L	93
16) Methylene chloride	2.449	84	4547	0.542	ug/L	95
18) trans-1,2-Dichloroethene	2.699	96	5064	0.687	ug/L	97
19) 1,1-Dichloroethane	3.117	63	6622	0.478	ug/L	94
22) cis-1,2-Dichloroethene	3.815	96	7182	0.905	ug/L	94
23) Bromochloromethane	4.159	128	4106	1.230	ug/L	94
25) Chloroform	4.281	83	27858	2.048	ug/L	95
27) 1,2-Dichloroethane	5.056	62	4542	0.565	ug/L #	93
29) 1,1,1-Trichloroethane	4.516	97	6236m	0.446	ug/L	
31) Carbon tetrachloride	4.735	117	7865	0.665	ug/L	93
34) Trichloroethene	5.844	95	4352	0.441	ug/L	94
39) cis-1,3-Dichloropropene	6.963	75	13026	0.946	ug/L	96
40) 4-Methyl-2-pentanone	7.165	43	62508	10.207	ug/L	93

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

44) trans-1,3-Dichloropropene	7.593	75	5701	0.504	ug/L	93
45) 1,1,2-Trichloroethane	7.776	97	3044	0.446	ug/L	95
47) Tetrachloroethene	7.908	164	4982	0.665	ug/L	97
50) 1,2-Dibromoethane	8.288	107	7091	1.098	ug/L #	89
51) Chlorobenzene	8.818	112	31761	1.279	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	3392	0.452	ug/L #	95
59) Bromoform	9.670	173	2506	0.762	ug/L #	94
63) 1,2,4-Trimethylbenzene	10.857	105	24073	0.844	ug/L	97
64) 1,3-Dichlorobenzene	11.123	146	11216	0.668	ug/L	100
65) 1,4-Dichlorobenzene	11.213	146	7509	0.446	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	10400	0.954	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	5651	0.601	ug/L	96

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

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