

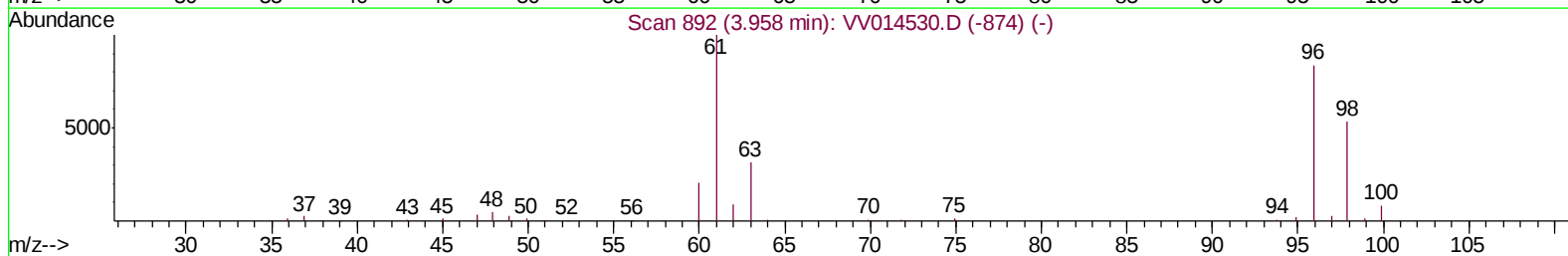
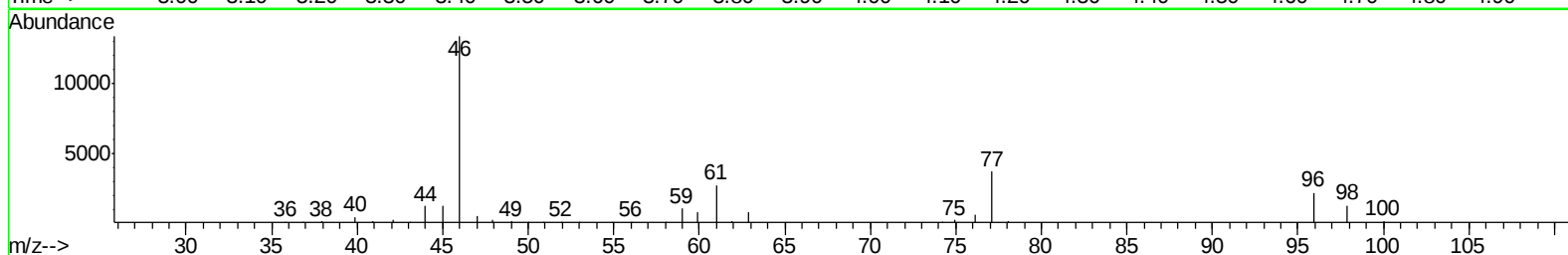
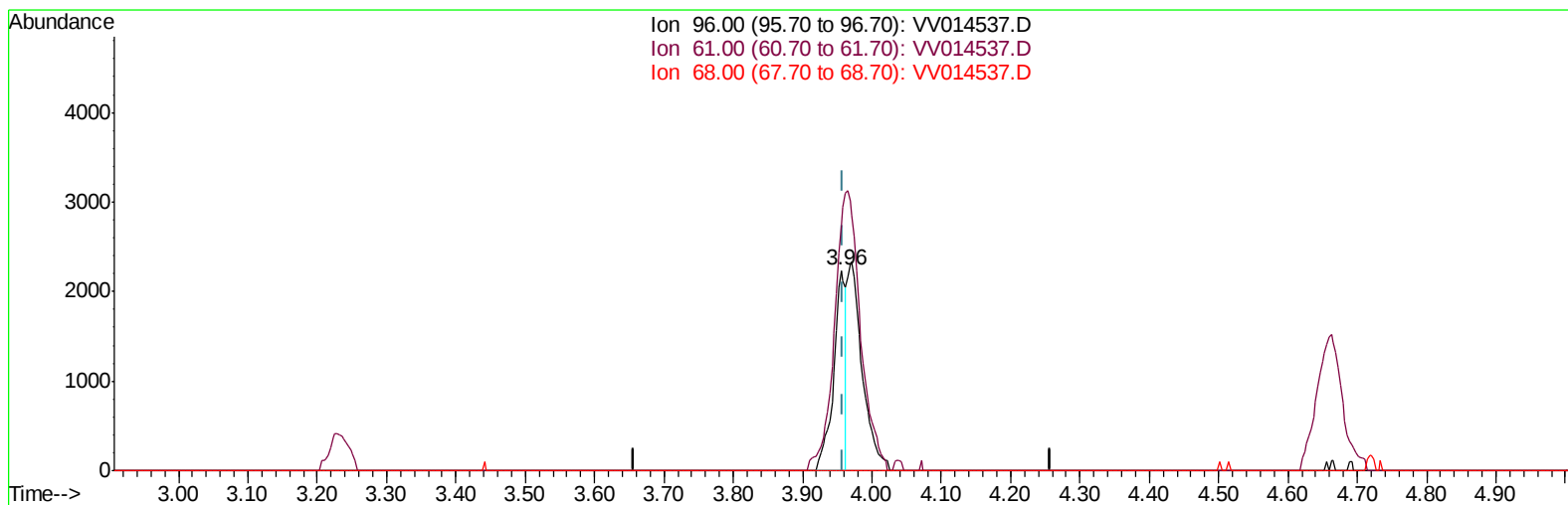
Data File : VV014537.D
Acq On : 07 Feb 2020 14:32
Operator : SY/MD
Sample : MDL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations
APPROVED

MMDadoda
2/10/2020 11:56:40 AM

Quant Time: Feb 08 00:06:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration



TIC: VV014537.D

(20) cis-1,2-Dichloroethene (T)

3.955min (-0.003) 1.02ug/L

response 2680

Ion	Exp%	Act%
96.00	100	100
61.00	121.70	122.66
68.00	0.00	0.00
0.00	0.00	0.00

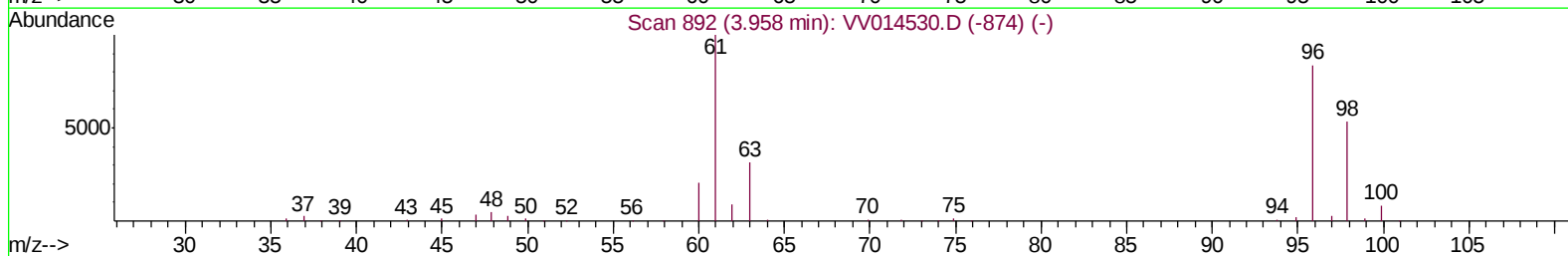
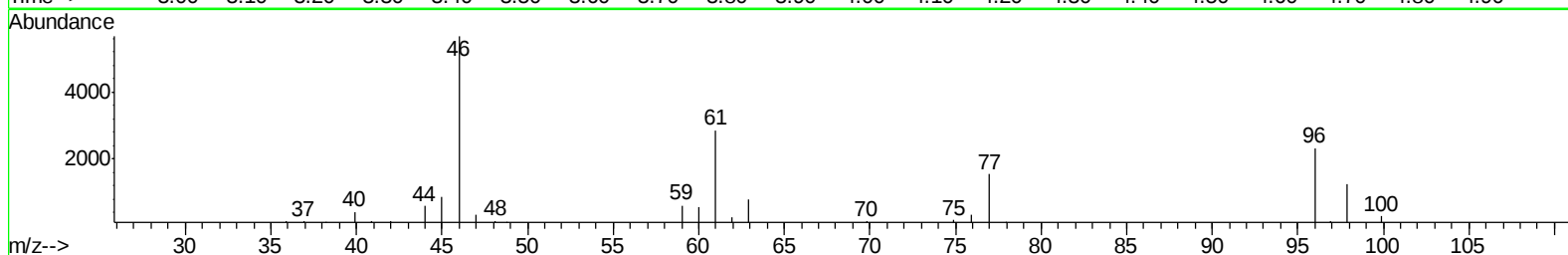
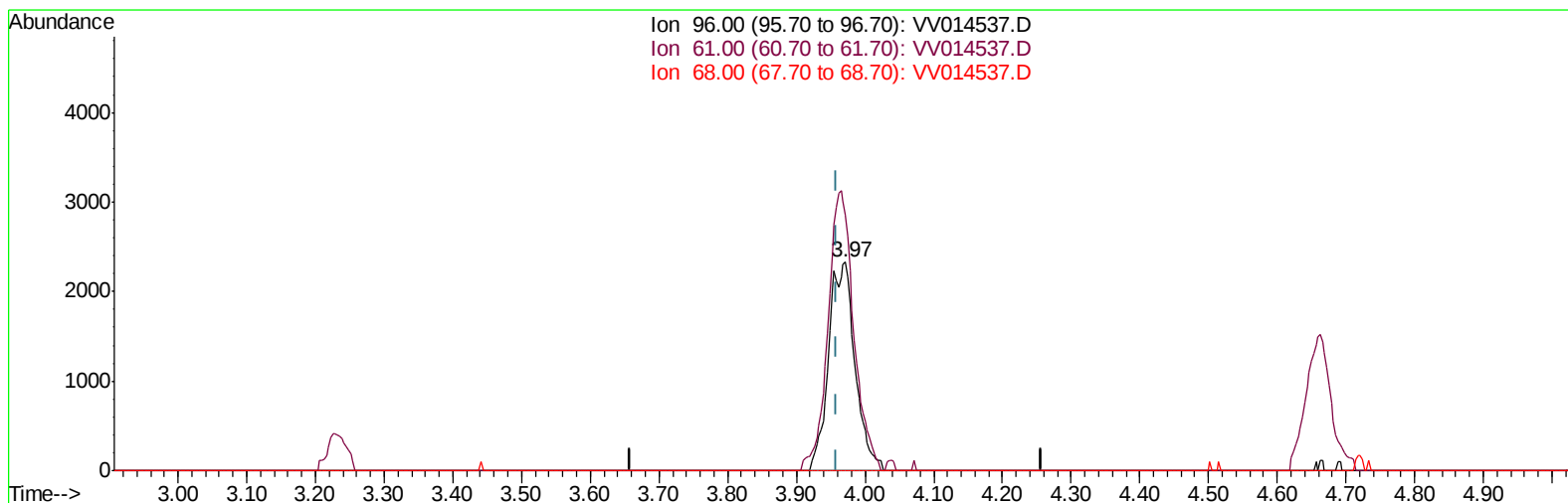
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TIC: VV014537.D

(20) cis-1,2-Dichloroethene (T)

3.971min (+0.013) 2.37ug/L m

response 6187

Ion	Exp%	Act%
96.00	100	100
61.00	121.70	122.92
68.00	0.00	0.00
0.00	0.00	0.00

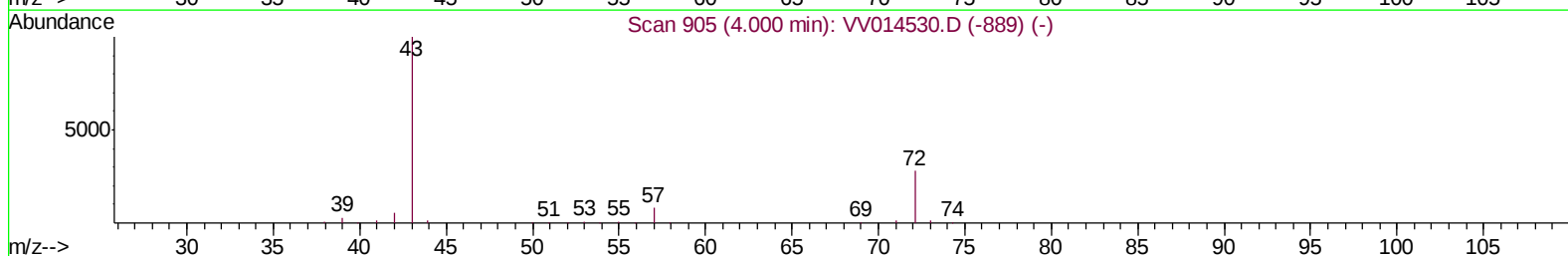
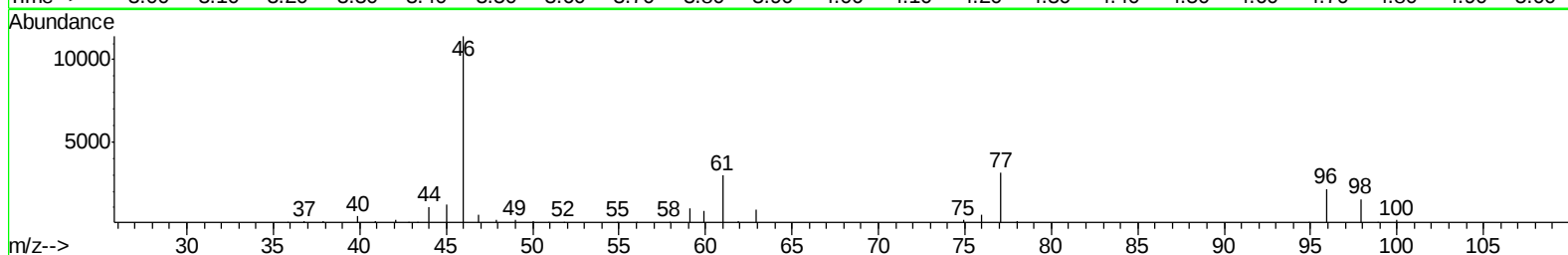
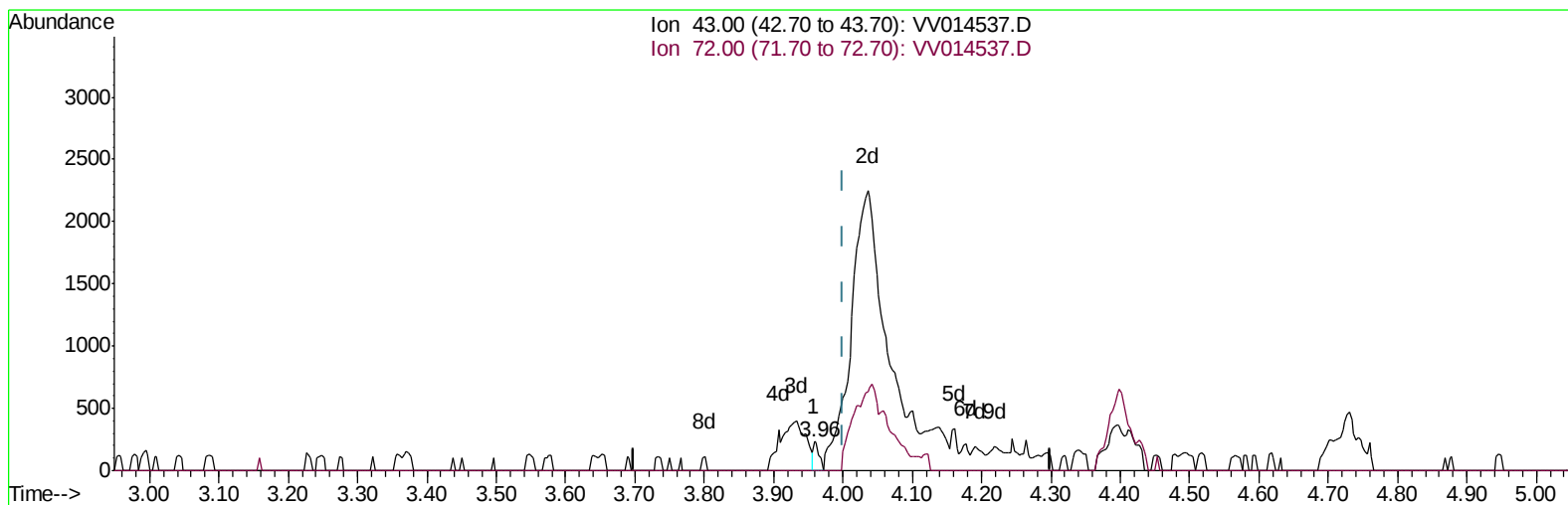
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TIC: VV014537.D

(22) 2-Butanone (T)
3.958min (-0.042) 0.07ug/L

response 130

Ion	Exp%	Act%
43.00	100	100
72.00	25.40	514.62#
0.00	0.00	0.00
0.00	0.00	0.00

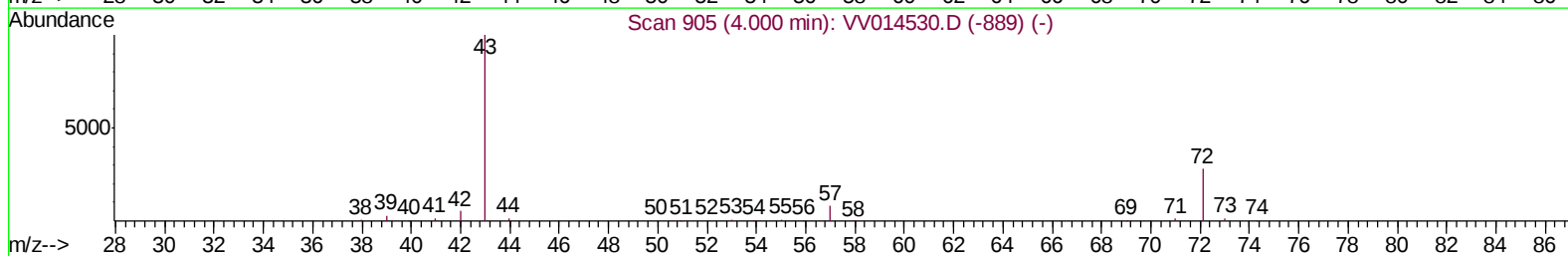
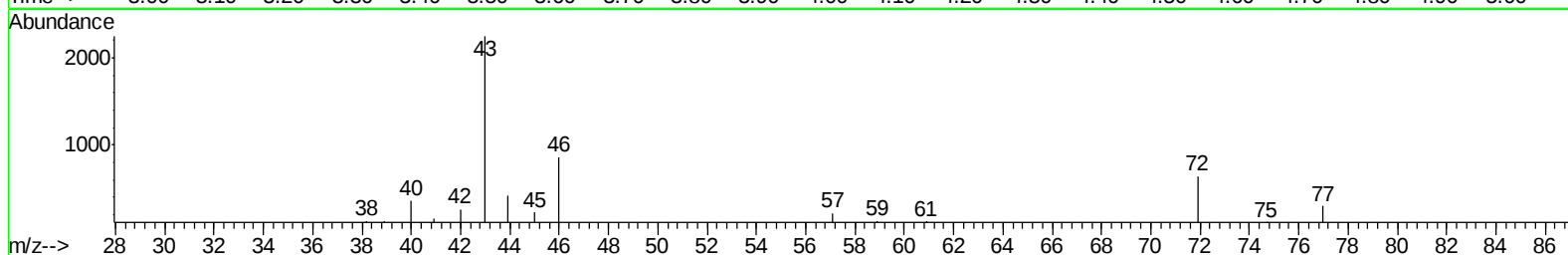
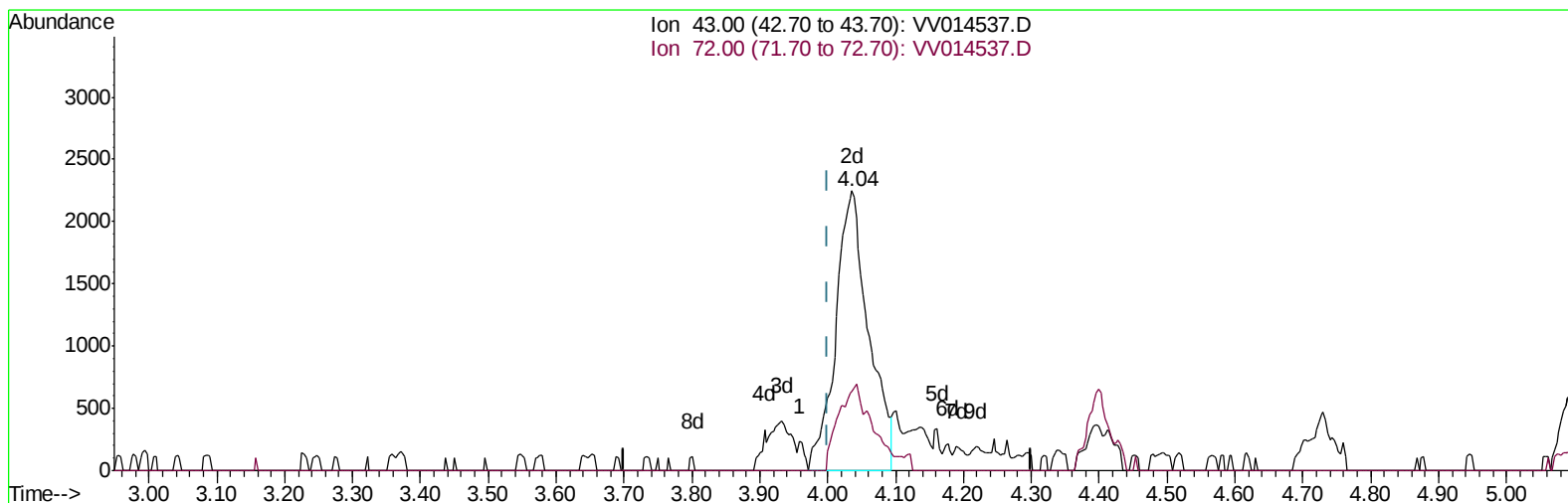
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TIC: VV014537.D

(22) 2-Butanone (T)
4.036min (+0.036) 4.26ug/L m
response 7587

Ion	Exp%	Act%
43.00	100	100
72.00	25.40	8.82#
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	5.66	114	343289	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	318273	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	161917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79914	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.86%
7) Chloroethane-d5	1.59	69	56495	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.08%
11) 1,1-Dichloroethene-d2	2.13	63	98926	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.98%
21) 2-Butanone-d5	3.92	46	139503	97.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.08%
24) Chloroform-d	4.40	84	202125	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	5.08	65	130252	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
32) Benzene-d6	5.10	84	435471	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
36) 1,2-Dichloropropane-d6	6.11	67	130805	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	7.36	98	410856	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%
43) trans-1,3-Dichloropropene-	7.66	79	71033	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.04%
47) 2-Hexanone-d5	8.13	63	118543	103.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.11%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	178979	51.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.00%
66) 1,2-Dichlorobenzene-d4	11.67	152	157858	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	6921	2.517 ug/L	100
3) Chloromethane	1.26	50	6605	2.372 ug/L	97
5) Vinyl chloride	1.33	62	5012	2.350 ug/L #	67
6) Bromomethane	1.54	94	2147	2.189 ug/L	91
8) Chloroethane	1.60	64	2540	2.397 ug/L	88
9) Trichlorofluoromethane	1.77	101	7175	2.498 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3970	2.878 ug/L #	83
12) 1,1-Dichloroethene	2.14	96	3475	2.634 ug/L #	1
13) Acetone	2.19	43	6269	5.210 ug/L	92
14) Carbon disulfide	2.32	76	14609	2.280 ug/L	99
15) Methyl Acetate	2.46	43	4295	1.856 ug/L	92
16) Methylene chloride	2.54	84	6519	2.602 ug/L	94
17) trans-1,2-Dichloroethene	2.80	96	5499	2.366 ug/L	94
18) Methyl tert-butyl Ether	2.80	73	17431	2.368 ug/L	97
19) 1,1-Dichloroethane	3.23	63	9942	2.392 ug/L	96
20) cis-1,2-Dichloroethene	3.97	96	6187m	2.365 ug/L	
22) 2-Butanone	4.04	43	7587m	4.264 ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	2969	2.397	ug/L	94
25) Chloroform	4.42	83	17796	4.210	ug/L	97
27) 1,2-Dichloroethane	5.18	62	7113	2.259	ug/L	98
29) Cyclohexane	4.73	56	8861	2.264	ug/L	94
30) 1,1,1-Trichloroethane	4.66	97	8738	2.406	ug/L	94
31) Carbon tetrachloride	4.87	117	7354	2.295	ug/L	99
33) Benzene	5.15	78	21839	2.334	ug/L	100
34) Trichloroethene	5.96	95	5805	2.340	ug/L	95
35) Methylcyclohexane	6.18	83	9501	2.344	ug/L	96
37) 1,2-Dichloropropane	6.22	63	5891	2.472	ug/L #	93
38) Bromodichloromethane	6.56	83	7192	2.249	ug/L #	93
39) cis-1,3-Dichloropropene	7.07	75	8578	2.158	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	12651	4.108	ug/L	93
42) Toluene	7.43	91	25548	2.547	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	8427	2.364	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	5623	2.459	ug/L	96
46) Tetrachloroethene	8.01	164	4822	2.548	ug/L	96
48) 2-Hexanone	8.18	43	11873	5.008	ug/L #	95
49) Dibromochloromethane	8.29	129	5968	2.312	ug/L	97
50) 1,2-Dibromoethane	8.39	107	6280	2.536	ug/L #	94
51) Chlorobenzene	8.92	112	16370	2.498	ug/L	98
52) Ethylbenzene	9.05	91	26866	2.388	ug/L	99
53) m,p-Xylene	9.18	106	10903	2.516	ug/L	89
54) o-Xylene	9.59	106	9742	2.349	ug/L	97
55) Styrene	9.60	104	15841	2.235	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.28	83	9628	2.687	ug/L #	96
59) Bromoform	9.77	173	3668	2.031	ug/L #	98
60) Isopropylbenzene	9.97	105	25121	2.294	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	6918	2.413	ug/L	95
62) 1,3,5-Trimethylbenzene	10.58	105	20993	2.240	ug/L	100
63) 1,2,4-Trimethylbenzene	10.96	105	19966	2.161	ug/L	95
64) 1,3-Dichlorobenzene	11.22	146	12672	2.453	ug/L	97
65) 1,4-Dichlorobenzene	11.32	146	12795	2.406	ug/L	98
67) 1,2-Dichlorobenzene	11.68	146	12640	2.524	ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.47	75	1842	2.294	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.69	180	8492	2.334	ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	7880	2.359	ug/L	96
71) Naphthalene	13.55	128	24409	2.224	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	7379	2.273	ug/L	98

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

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