

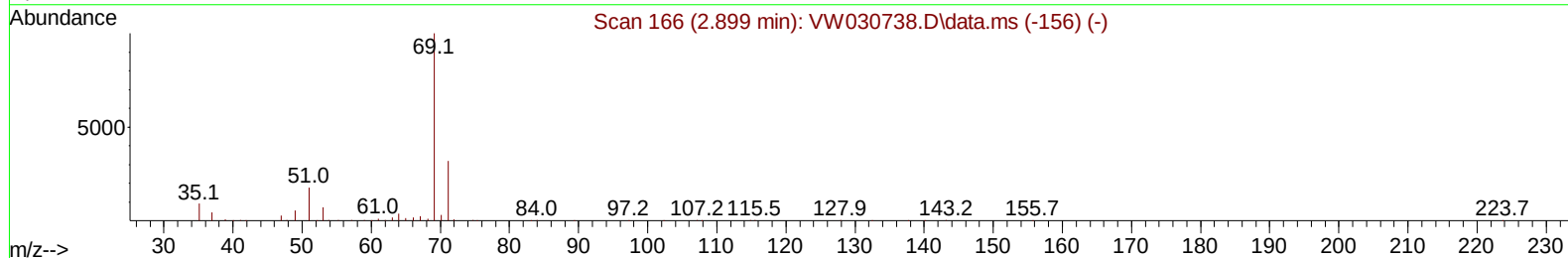
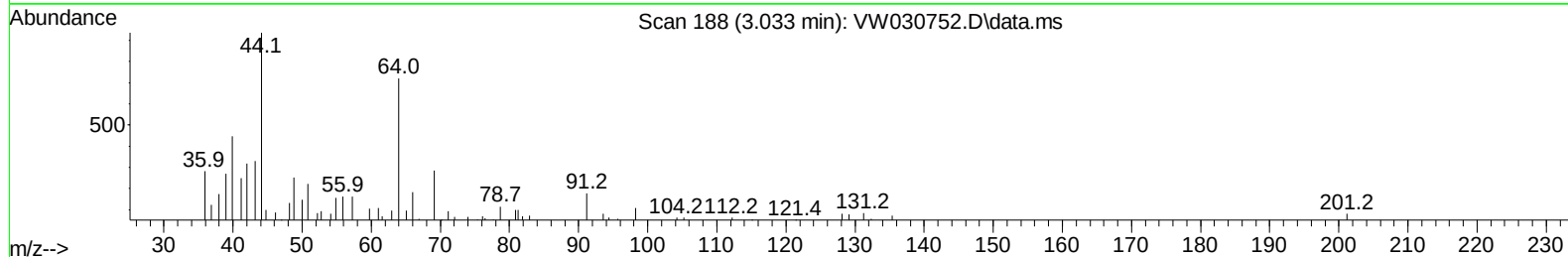
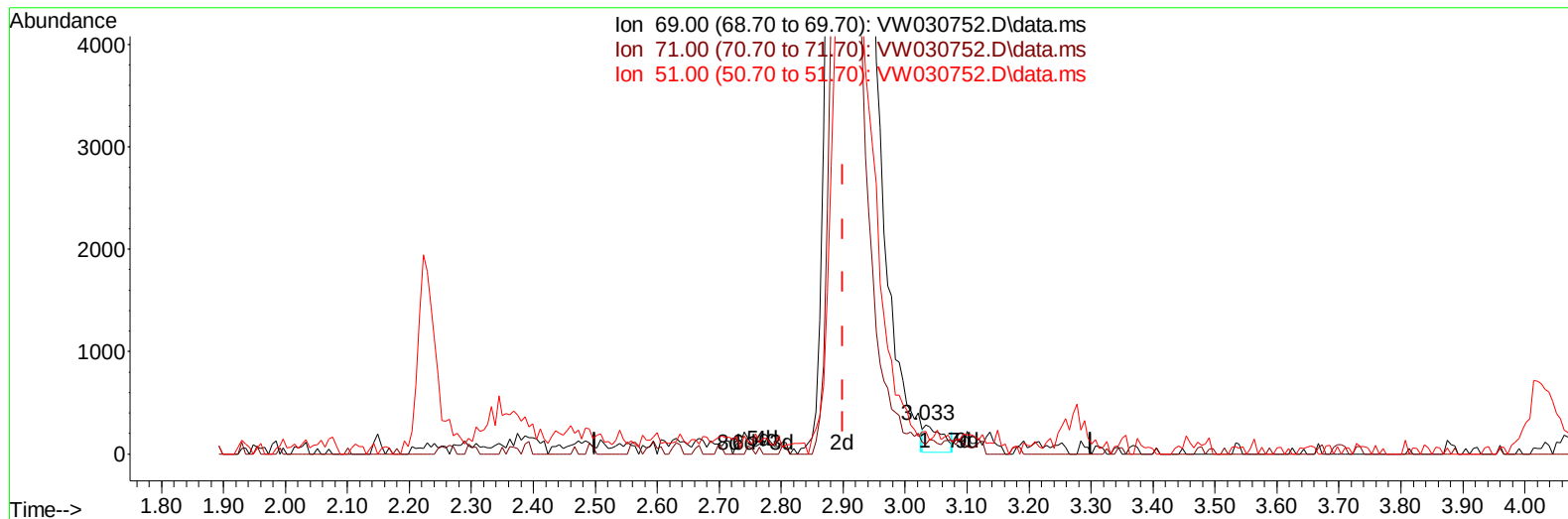
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102424\
Data File : VW030752.D
Acq On : 24 Oct 2024 18:18
Operator : SY/MD
Sample : P4492-04MS
Misc : 4.35g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F29MS

Manual IntegrationsAPPROVED

Quant Time: Oct 25 01:46:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 25 01:42:56 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



TIC: VW030752.D\data.ms

(7) Chloroethane-d5 (S)

3.033min (+ 0.134) 0.10 ug/L

response 533

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.70	32.27
51.00	10.20	11.26
0.00	0.00	0.00

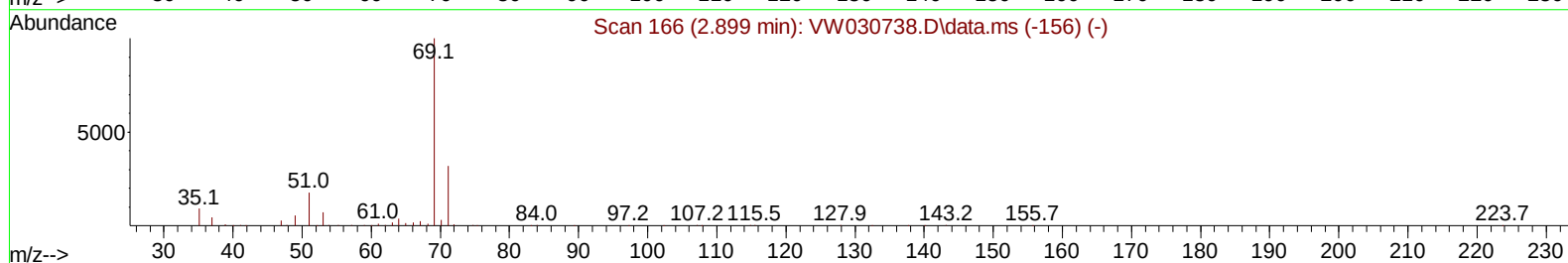
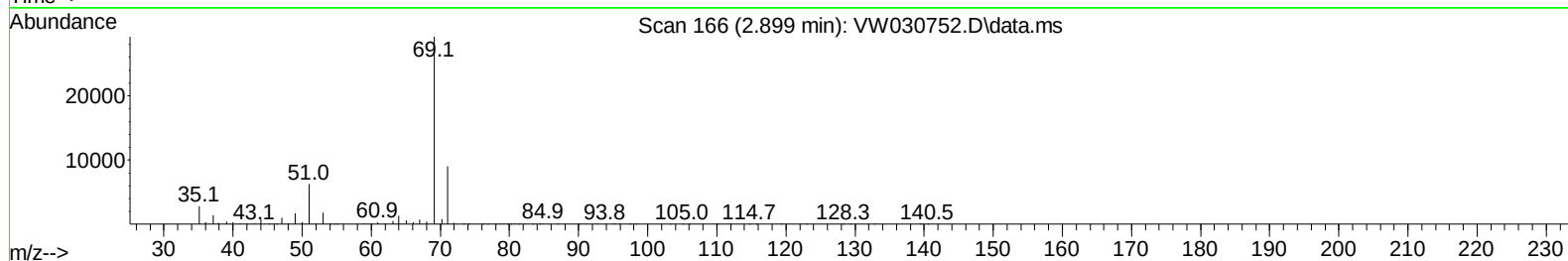
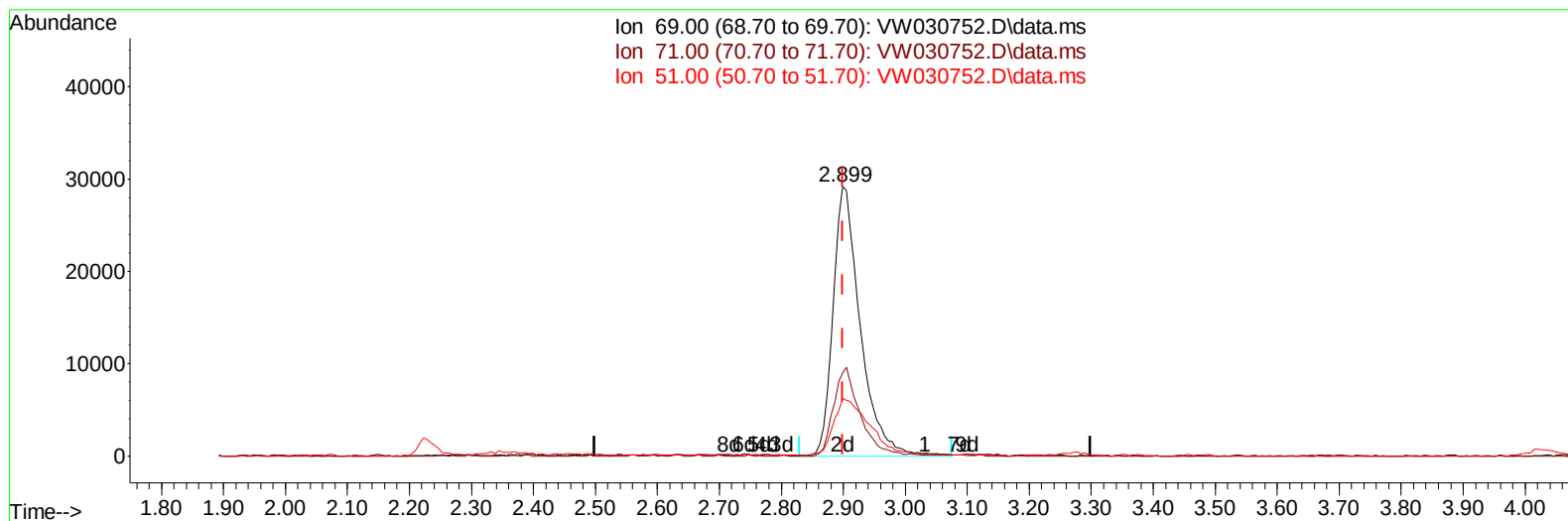
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(7) Chloroethane-d5 (S)

2.899min (-0.000) 16.83 ug/L m

response 88569

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.70	0.19#
51.00	10.20	0.07#
0.00	0.00	0.00

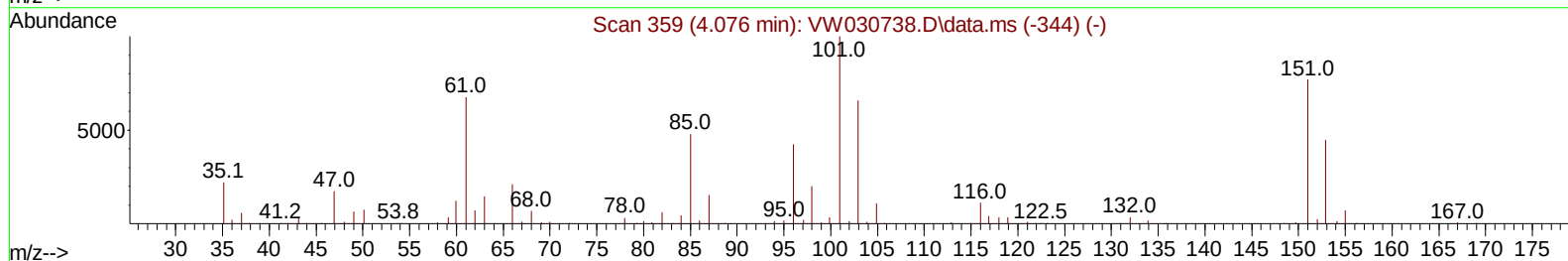
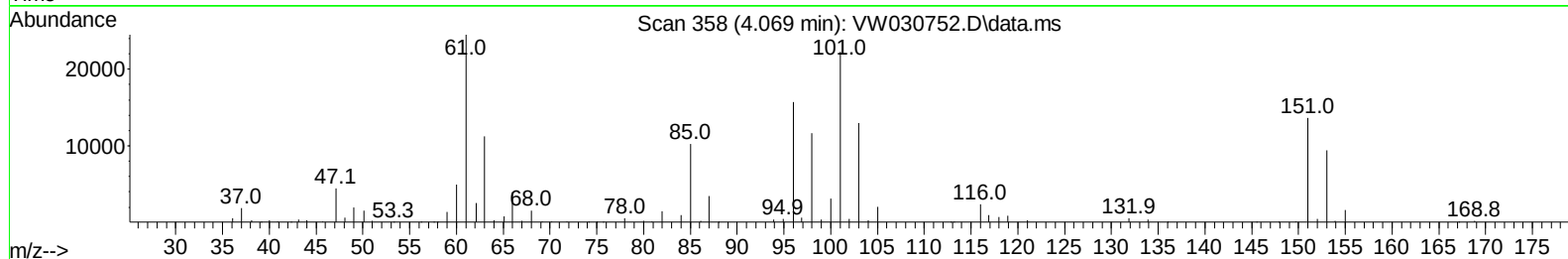
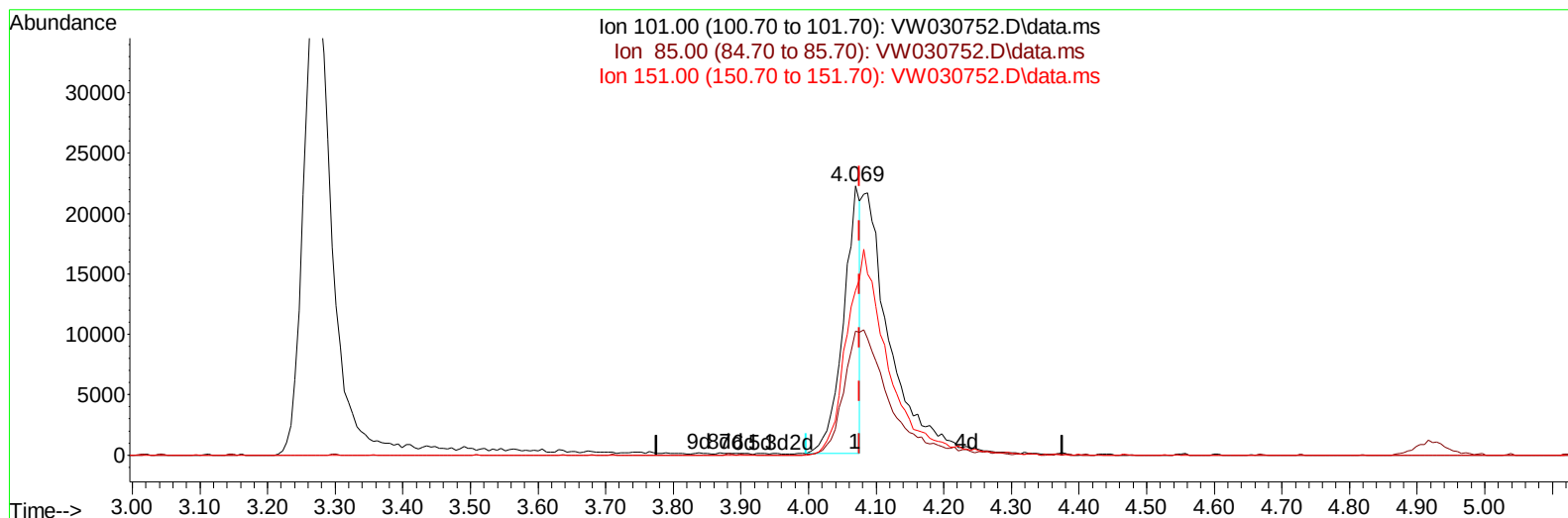
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TIC: VW030752.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.069min (-0.006) 5.99 ug/L

response 38958

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.60	116.26#
151.00	70.10	180.04#
0.00	0.00	0.00

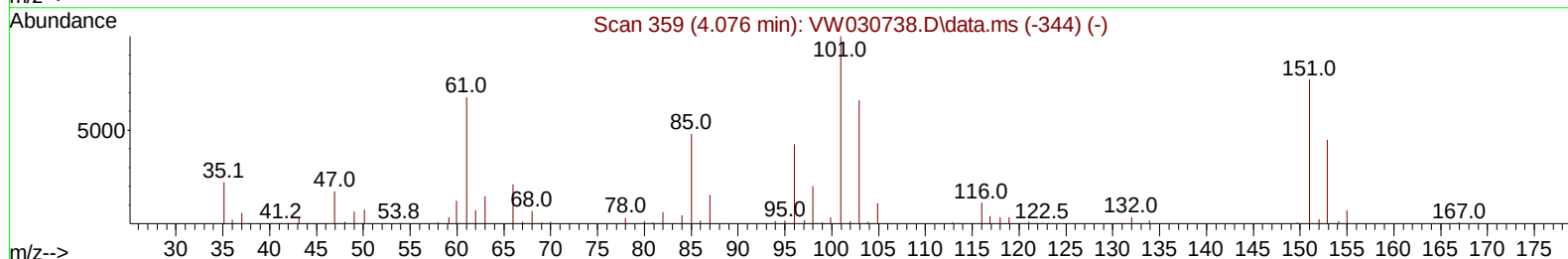
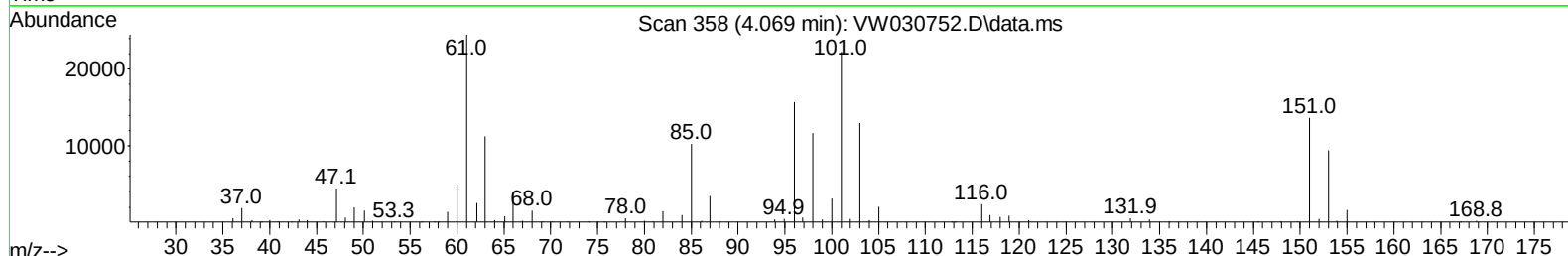
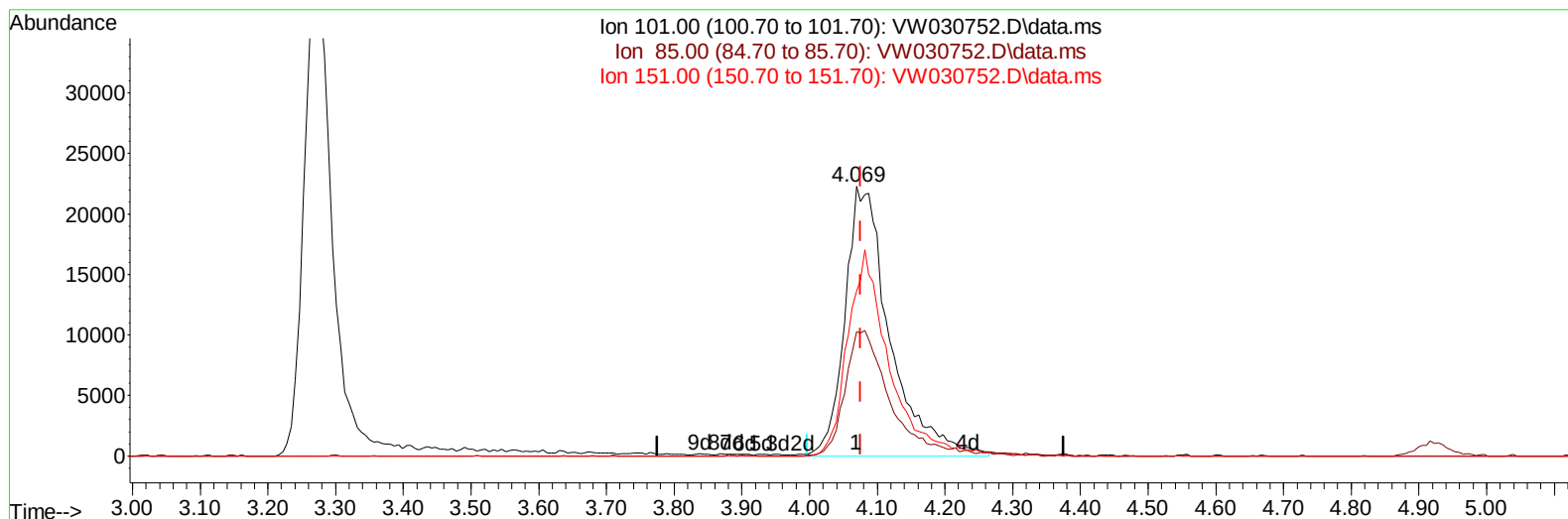
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TIC: VW030752.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.069min (-0.006) 15.74 ug/L m

response 102289

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.60	44.28
151.00	70.10	68.57
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	8.843	114	442191	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	311688	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86829	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	78660	11.317	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery =	45.280%		
7) Chloroethane-d5	2.899	69	88569m	16.834	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery =	67.320%		
11) 1,1-Dichloroethene-d2	4.021	65	35733	12.360	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery =	49.440%		
21) 2-Butanone-d5	7.075	46	46381	37.080	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery =	74.160%		
24) Chloroform-d	7.654	84	268328	21.219	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery =	84.880%		
26) 1,2-Dichloroethane-d4	8.307	65	128614	19.559	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery =	78.240%		
32) Benzene-d6	8.276	84	392427	21.693	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery =	86.760%		
36) 1,2-Dichloropropane-d6	9.276	67	139088	26.195	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery =	104.800%		
41) Toluene-d8	10.324	98	291183	17.632	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery =	70.520%		
43) trans-1,3-Dichloroprop...	10.581	79	39917	17.954	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery =	71.800%		
47) 2-Hexanone-d5	10.922	63	33808	49.435	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery =	98.880%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93653	24.017	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery =	96.080%		
66) 1,2-Dichlorobenzene-d4	13.848	152	63998	21.783	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery =	87.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	82849	14.665	ug/L	99
3) Chloromethane	2.222	50	88807	13.525	ug/L	97
5) Vinyl chloride	2.375	62	119531	14.803	ug/L	95
6) Bromomethane	2.795	94	74347	13.988	ug/L	95
8) Chloroethane	2.936	64	83282	16.872	ug/L	99
9) Trichlorofluoromethane	3.271	101	116437	16.115	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	102289m	15.735	ug/L	
12) 1,1-Dichloroethene	4.045	96	89648	15.111	ug/L	90
13) Acetone	4.124	43	27528	15.032	ug/L	94
14) Carbon disulfide	4.393	76	197157	10.177	ug/L	98
15) Methyl Acetate	4.673	43	25060	11.078	ug/L	96
16) Methylene chloride	4.923	84	103148	15.430	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	96138	15.018	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	161565	18.033	ug/L	99
19) 1,1-Dichloroethane	6.215	63	205549	17.276	ug/L	97
20) cis-1,2-Dichloroethene	7.179	96	109885	16.093	ug/L	97
22) 2-Butanone	7.173	43	44328	22.456	ug/L	95
23) Bromochloromethane	7.514	128	43613	14.600	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.679	83	212533	16.715	ug/L	97
27) 1,2-Dichloroethane	8.404	62	122640	14.621	ug/L	100
29) Cyclohexane	7.959	56	130742	17.232	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	172585	20.858	ug/L	98
31) Carbon tetrachloride	8.069	117	139026	18.813	ug/L	100
33) Benzene	8.325	78	413771	20.400	ug/L	100
34) Trichloroethene	9.093	95	101941	18.065	ug/L	95
35) Methylcyclohexane	9.337	83	128999	14.526	ug/L	98
37) 1,2-Dichloropropane	9.367	63	107317	21.184	ug/L	100
38) Bromodichloromethane	9.648	83	135143	20.051	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	123956	16.222	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	92384	37.961	ug/L	100
42) Toluene	10.385	91	394616	18.236	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	98875	15.399	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	67933	18.555	ug/L	99
46) Tetrachloroethene	10.861	164	59429	14.279	ug/L	91
48) 2-Hexanone	10.965	43	60476	30.387	ug/L	94
49) Dibromochloromethane	11.129	129	71012	17.383	ug/L	95
50) 1,2-Dibromoethane	11.233	107	55661	16.293	ug/L	98
51) Chlorobenzene	11.660	112	210859	15.137	ug/L	97
52) Ethylbenzene	11.727	91	366180	14.830	ug/L	99
53) m,p-Xylene	11.836	106	129447	13.993	ug/L	93
54) o-Xylene	12.160	106	123895	14.487	ug/L	97
55) Styrene	12.178	104	197799	13.529	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	60631	14.685	ug/L	98
59) Bromoform	12.348	173	31212	25.585	ug/L	100
60) Isopropylbenzene	12.458	105	301907	22.452	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47891	28.345	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	202179	19.058	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	197410	19.006	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	96142	16.426	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	92891	15.370	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	82489	16.016	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	7810	20.731	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.622	180	38481	9.970	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	27160	8.741	ug/L	96
71) Naphthalene	15.354	128	59555	11.094	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	19395	7.200	ug/L	99

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

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