Quantitation Report (Qedit)

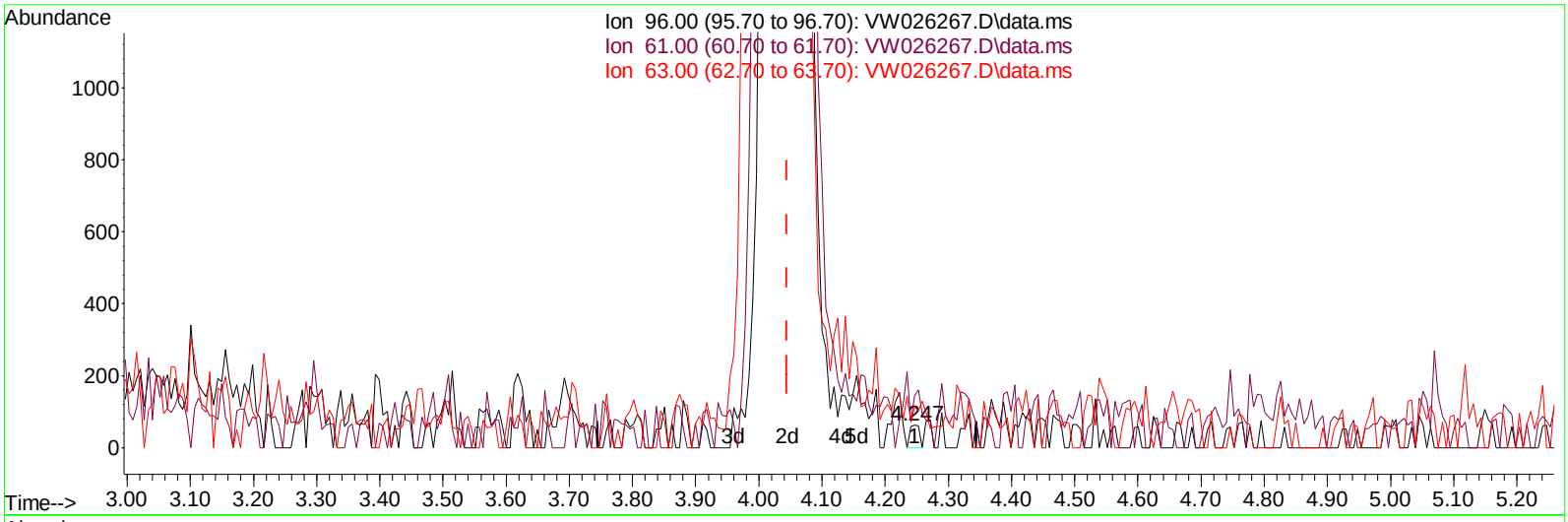
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062023\
Data File : VW026267.D
Acq On : 20 Jun 2023 14:08
Operator : SY/MD
Sample : 03334-05MS
Misc : 5.23g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

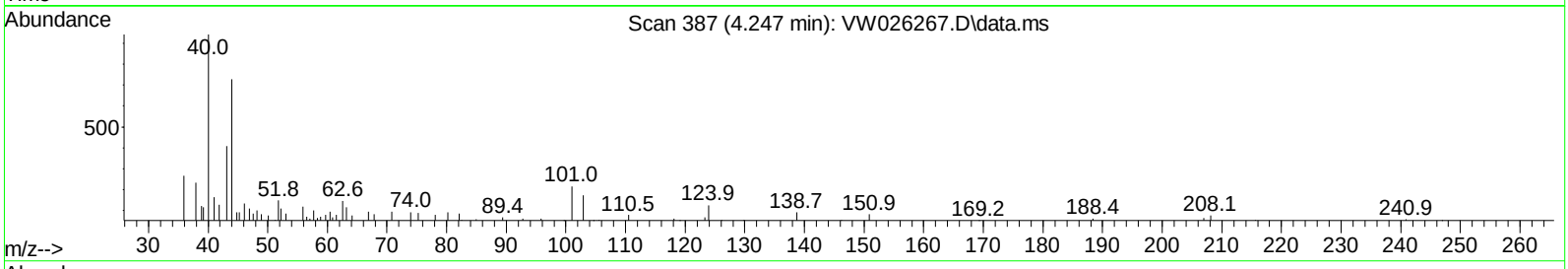
Quant Time: Jun 21 01:12:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 21 01:09:17 2023
Response via : Initial Calibration

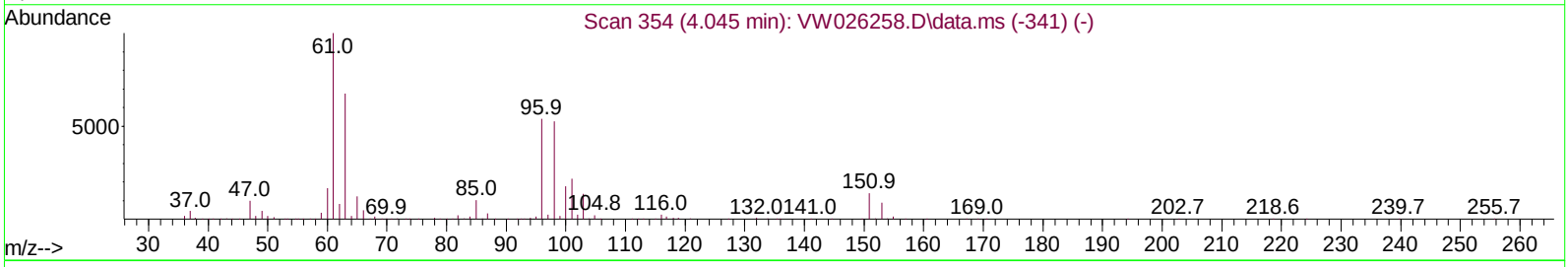
Instrument :
MSVOA_W
ClientSampleId :
YBW01MS

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023







TIC: VW026267.D\data.ms

(12) 1,1-Dichloroethene (T)

4.247min (+ 0.202) 0.02 ug/L

response 67

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	200.80	233.87
63.00	188.10	183.87
0.00	0.00	0.00

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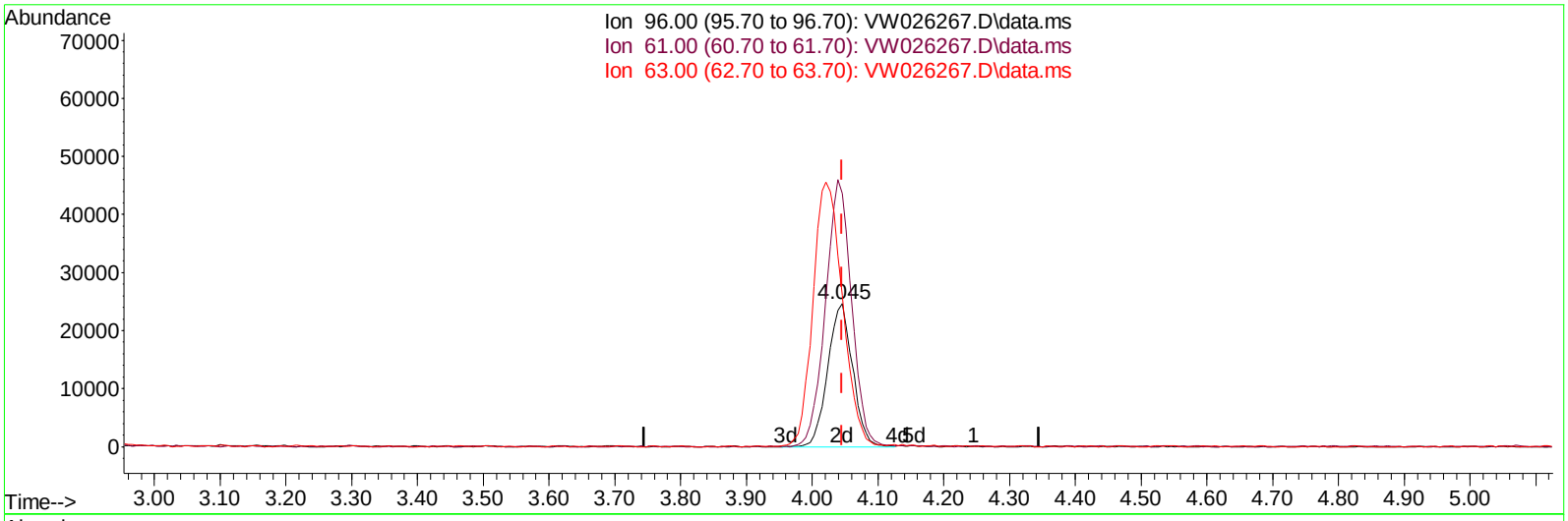

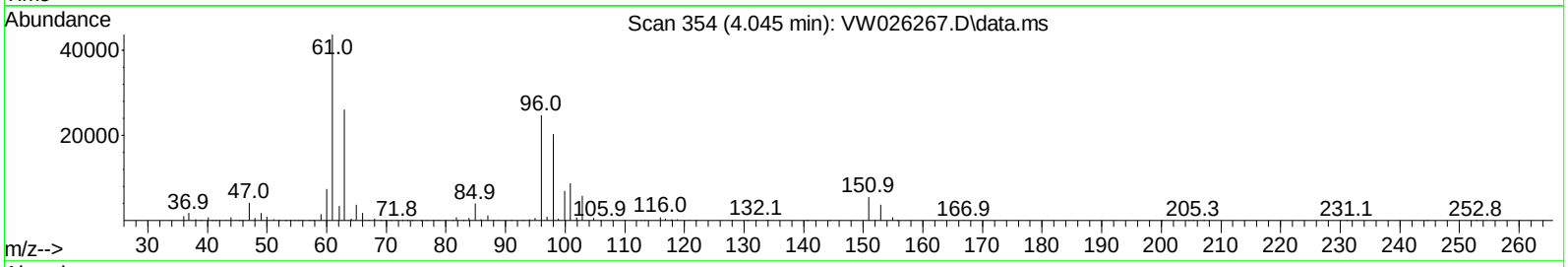

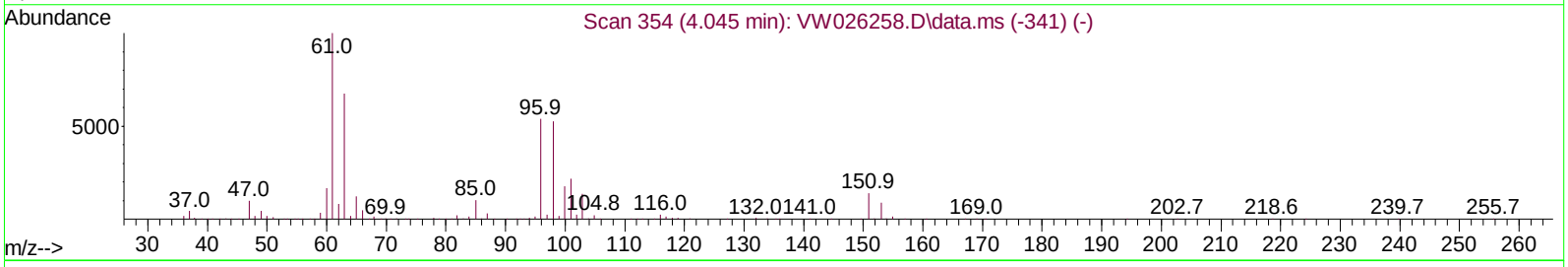

TIC: VW026267.D\data.ms

(12) 1,1-Dichloroethene (T)

4.045min (+ 0.000) 24.03 ug/L m

response 64842

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	200.80	176.78
63.00	188.10	105.64#
0.00	0.00	0.00

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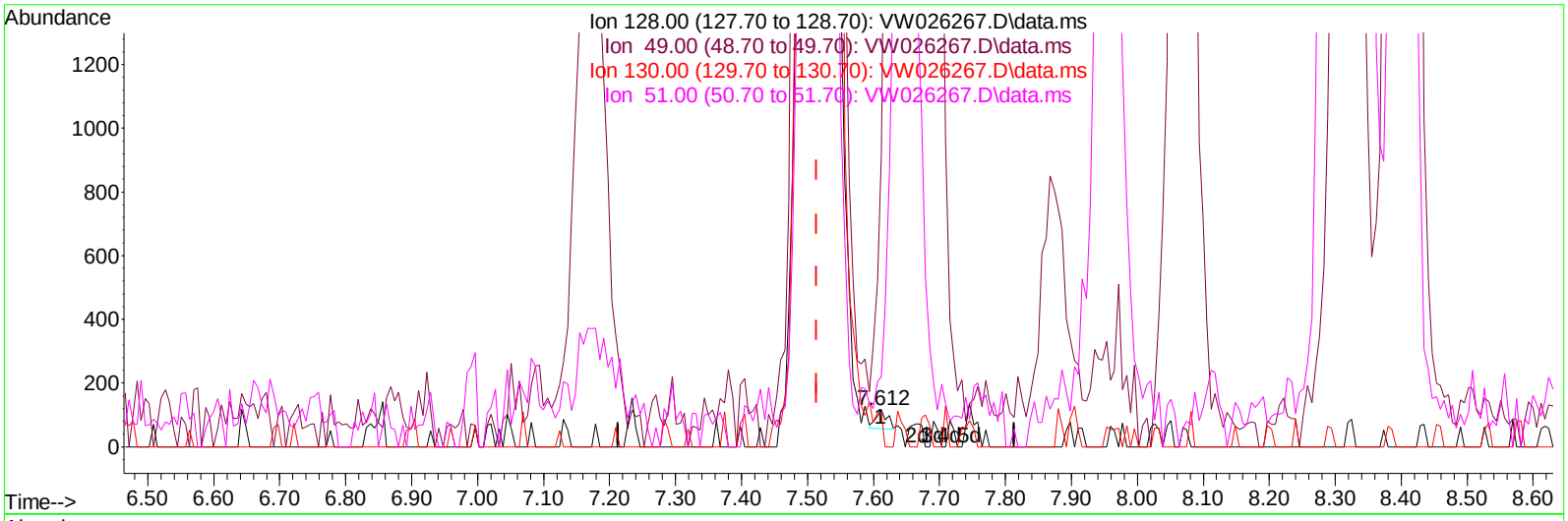

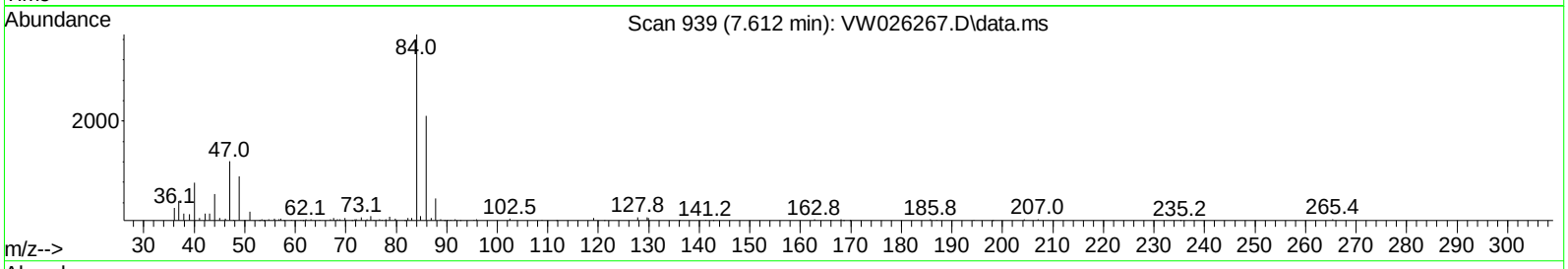

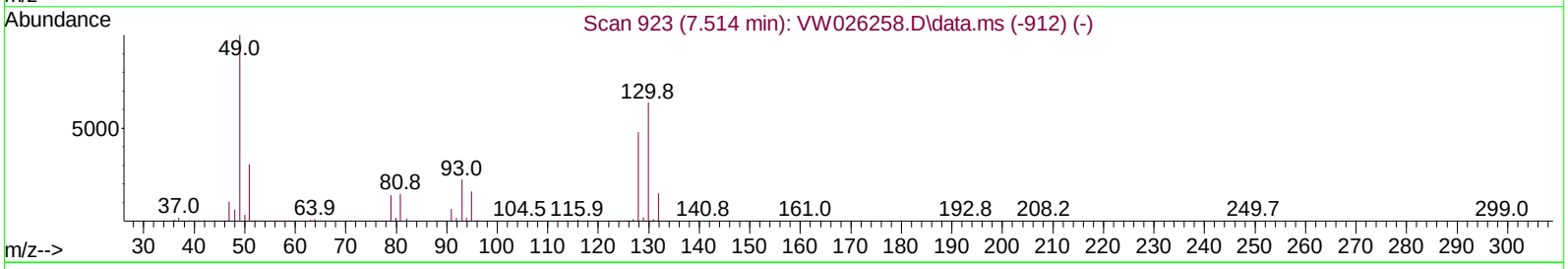

TIC: VW026267.D\data.ms

(23) Bromochloromethane (T)

7.612min (+ 0.098) 0.05 ug/L

response 69

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	200.80	794.78#
130.00	122.80	92.17
51.00	67.00	191.30#

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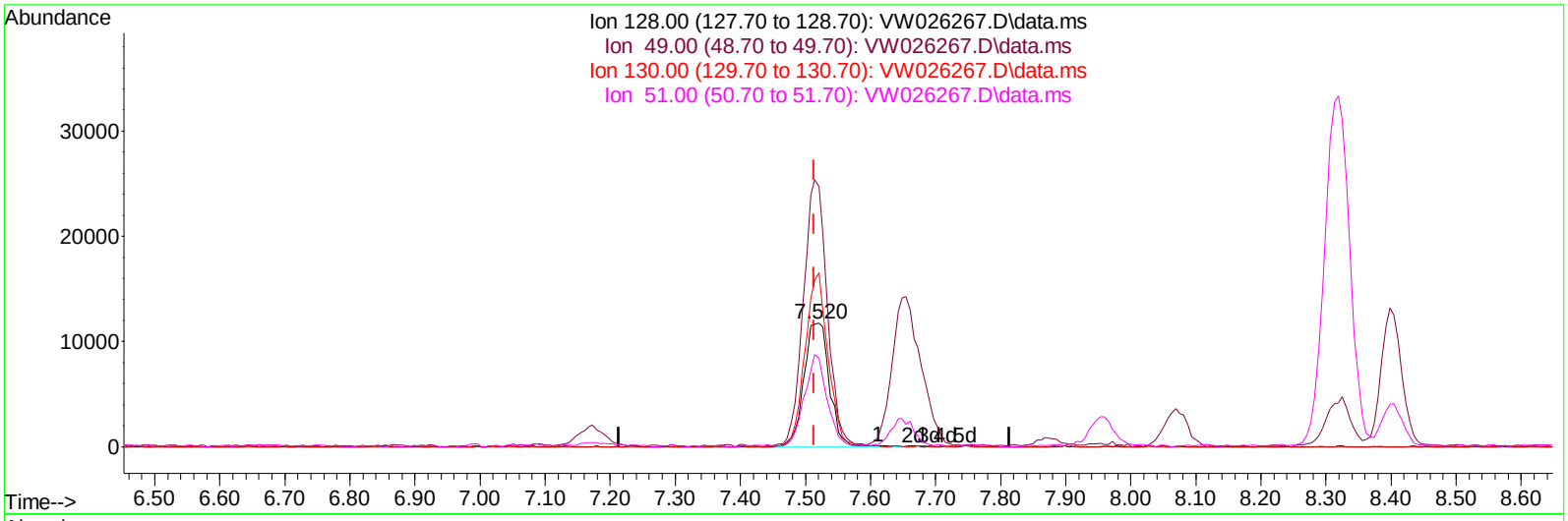

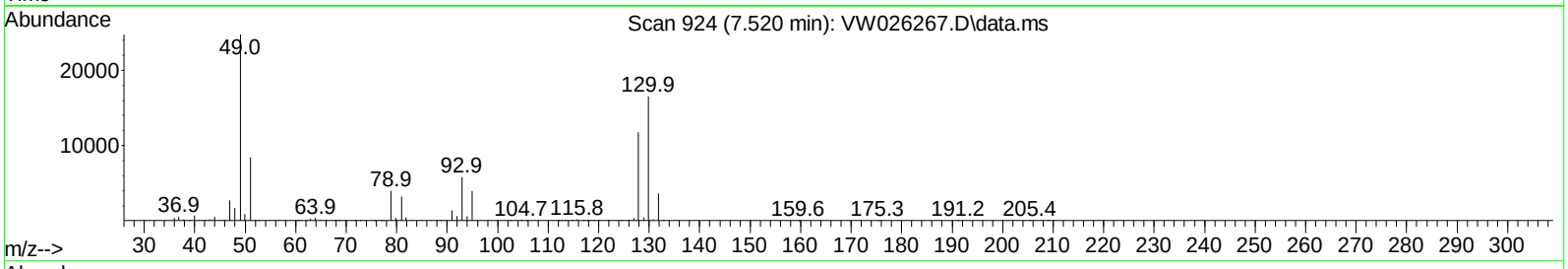

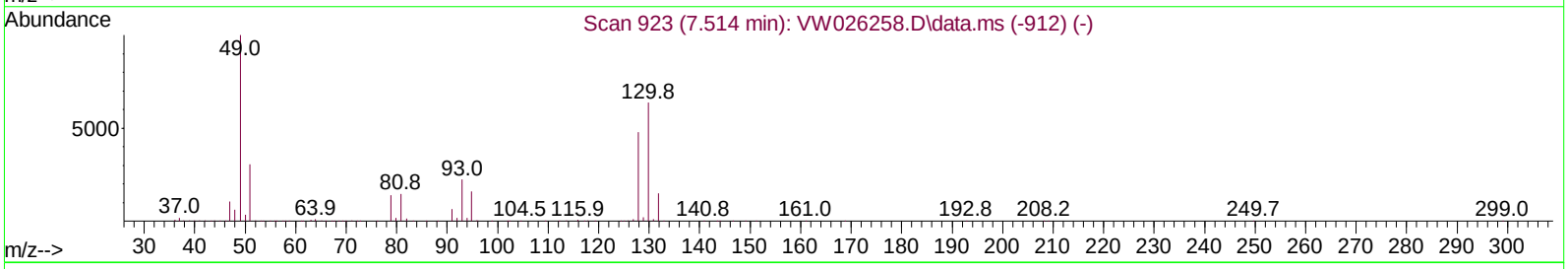

TIC: VW026267.D\data.ms

(23) Bromochloromethane (T)

7.520min (+ 0.007) 23.44 ug/L m

response 32059

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	200.80	210.37
130.00	122.80	140.42
51.00	67.00	71.47

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	211942	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	189067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86750	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	62843	21.077	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.320%			
7) Chloroethane-d5	2.887	69	59361	26.596	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.400%			
11) 1,1-Dichloroethene-d2	4.021	65	33099	22.513	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.040%			
21) 2-Butanone-d5	7.081	46	58979	67.945	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.880%#			
24) Chloroform-d	7.648	84	152911	24.637	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.560%			
26) 1,2-Dichloroethane-d4	8.307	65	87792	25.869	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.480%			
32) Benzene-d6	8.276	84	288348	22.665	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.680%			
36) 1,2-Dichloropropane-d6	9.276	67	97210	24.119	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.480%			
41) Toluene-d8	10.325	98	233055	20.657	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.640%			
43) trans-1,3-Dichloroprop...	10.575	79	33277	20.835	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.360%			
47) 2-Hexanone-d5	10.922	63	25499	40.123	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.240%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90162	30.741	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.960%#			
66) 1,2-Dichlorobenzene-d4	13.849	152	77067	23.210	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	62331	23.991	ug/L	92
3) Chloromethane	2.216	50	76026	22.821	ug/L	95
5) Vinyl chloride	2.363	62	87942	24.696	ug/L	99
6) Bromomethane	2.790	94	46836	24.126	ug/L	98
8) Chloroethane	2.930	64	53428	27.765	ug/L	96
9) Trichlorofluoromethane	3.265	101	109962	47.999	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	67795	23.452	ug/L	98
12) 1,1-Dichloroethene	4.045	96	64842m	24.029	ug/L	
13) Acetone	4.125	43	53546	79.721	ug/L	99
14) Carbon disulfide	4.381	76	193901	20.355	ug/L	99
15) Methyl Acetate	4.679	43	43343	28.752	ug/L	97
16) Methylene chloride	4.923	84	80479	23.791	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	66029	21.809	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	141614	29.678	ug/L	99
19) 1,1-Dichloroethane	6.216	63	142789	23.166	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	93224	29.069	ug/L	98
22) 2-Butanone	7.173	43	59910	62.529	ug/L	97
23) Bromochloromethane	7.520	128	32059m	23.440	ug/L	

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
25) Chloroform	7.679	83	135402	23.585 ug/L		97
27) 1,2-Dichloroethane	8.398	62	94282	23.812 ug/L		98
29) Cyclohexane	7.959	56	117796	20.181 ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	116190	25.324 ug/L		98
31) Carbon tetrachloride	8.069	117	97294	23.238 ug/L		100
33) Benzene	8.325	78	295927	22.849 ug/L		100
34) Trichloroethene	9.093	95	162920	49.125 ug/L		97
35) Methylcyclohexane	9.337	83	113484	19.338 ug/L		96
37) 1,2-Dichloropropane	9.368	63	83966	23.935 ug/L		100
38) Bromodichloromethane	9.642	83	93109	22.846 ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	103768	20.129 ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	95051	45.958 ug/L		98
42) Toluene	10.386	91	286146	21.600 ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	89153	20.758 ug/L		98
45) 1,1,2-Trichloroethane	10.788	97	57591	24.910 ug/L		97
46) Tetrachloroethene	10.861	164	60921	25.971 ug/L		96
48) 2-Hexanone	10.965	43	58822	40.336 ug/L		92
49) Dibromochloromethane	11.130	129	56438	23.283 ug/L		98
50) 1,2-Dibromoethane	11.233	107	50467	23.575 ug/L		94
51) Chlorobenzene	11.654	112	170796	20.575 ug/L		99
52) Ethylbenzene	11.727	91	299088	20.014 ug/L		96
53) m,p-Xylene	11.837	106	110023	19.791 ug/L		94
54) o-Xylene	12.166	106	105380	20.084 ug/L		99
55) Styrene	12.178	104	180534	20.055 ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.708	83	73058	26.111 ug/L		97
59) Bromoform	12.349	173	31696	24.326 ug/L		97
60) Isopropylbenzene	12.465	105	296755	21.776 ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	53875	27.725 ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	219254	20.239 ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	195265	19.679 ug/L		96
64) 1,3-Dichlorobenzene	13.495	146	117460	20.499 ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	118782	20.590 ug/L		98
67) 1,2-Dichlorobenzene	13.867	146	109031	21.190 ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11566	25.690 ug/L	#	84
69) 1,3,5-Trichlorobenzene	14.623	180	69137	17.565 ug/L		97
70) 1,2,4-trichlorobenzene	15.123	180	50549	15.564 ug/L		96
71) Naphthalene	15.360	128	79748	13.777 ug/L		99
72) 1,2,3-Trichlorobenzene	15.556	180	43991	15.498 ug/L		99

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

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