Quantitation Report (Qedit)

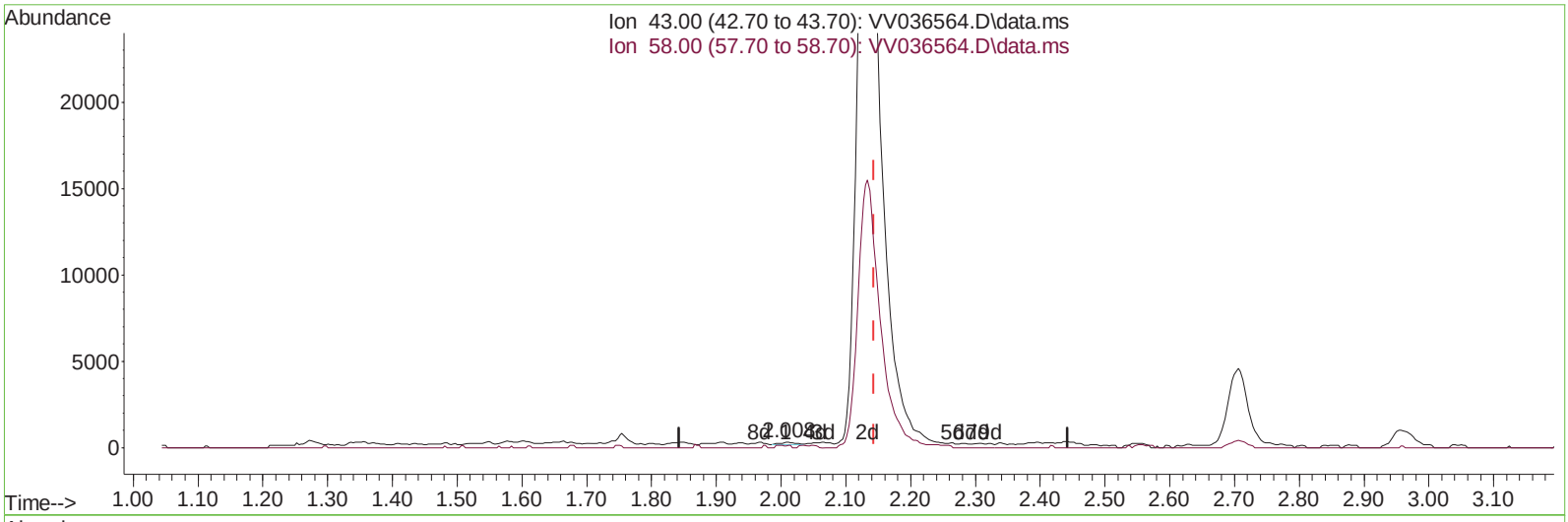
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
Data File : VV036564.D
Acq On : 16 Jul 2024 13:39
Operator : SY/MD
Sample : P3238-22DL 4X
Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

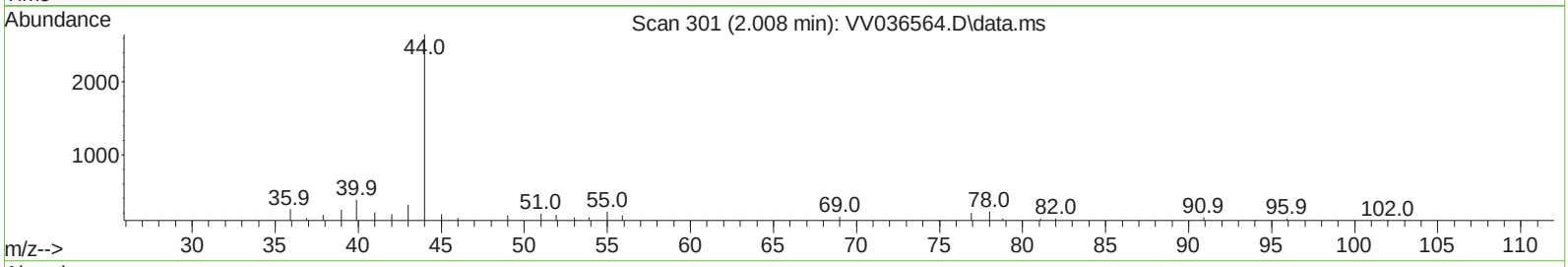
Quant Time: Jul 17 02:27:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration

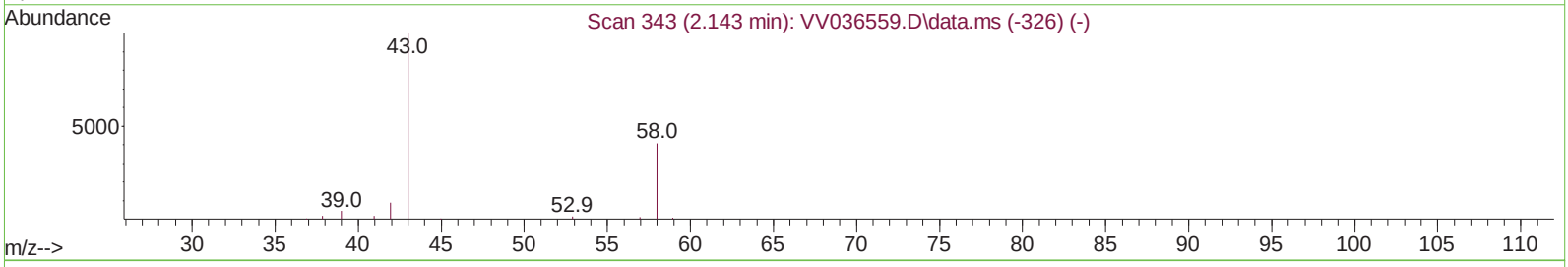
Instrument :
MSVOA_V
ClientSampleId :
A4DJ8DL

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/17/2024
Supervised By :Mahesh Dadoda 07/19/2024







TIC: VV036564.D\data.ms

(13) Acetone (T)

2.008min (-0.135) 0.23 ug/L

response 248

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	14.20	27.42
0.00	0.00	0.00
0.00	0.00	0.00

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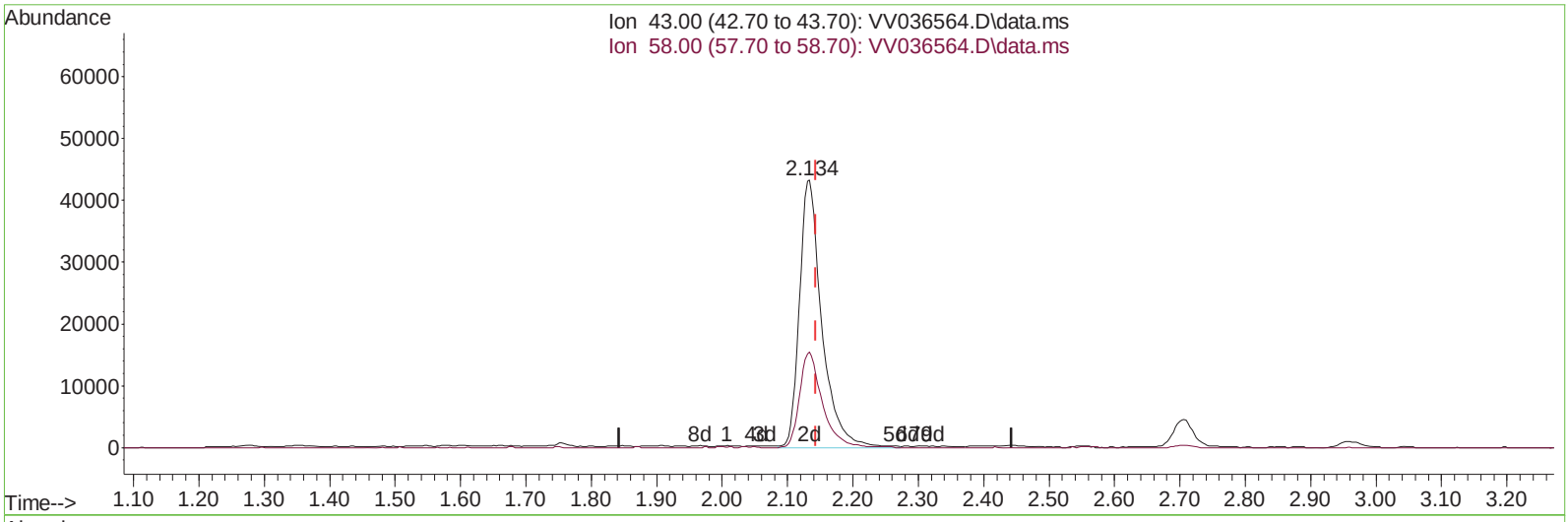

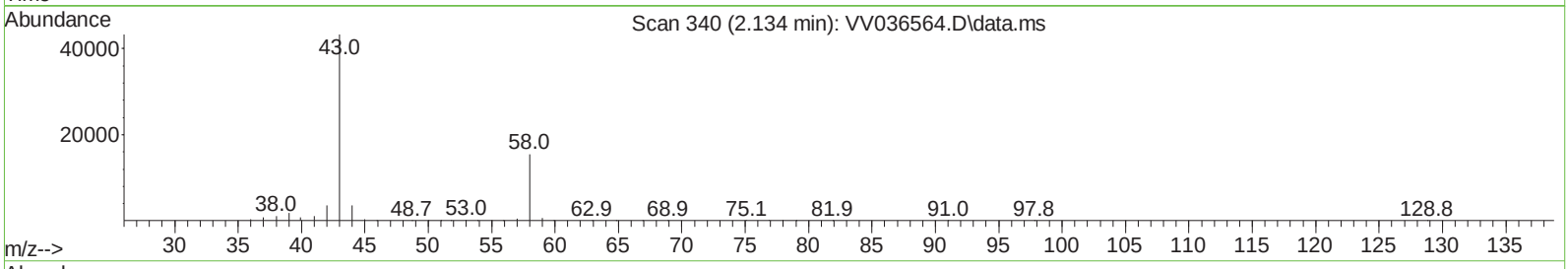

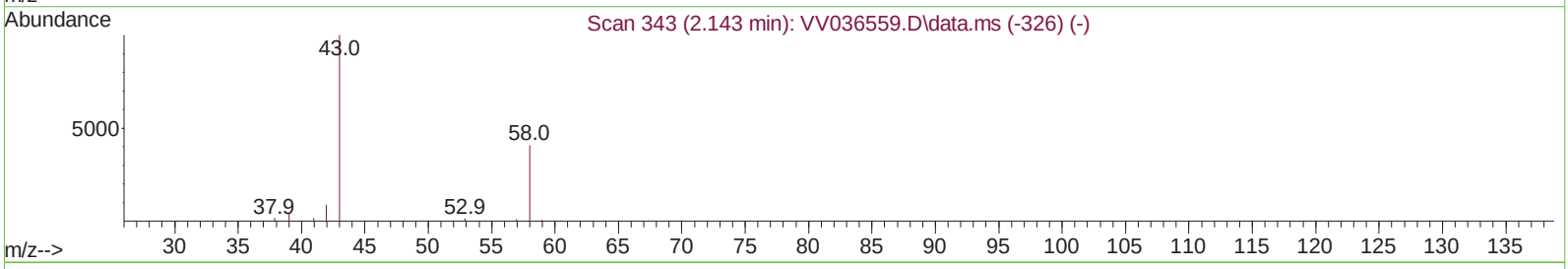

TIC: VV036564.D\data.ms

(13) Acetone (T)

2.134min (-0.010) 97.17 ug/L m

response 103039

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	14.20	0.07
0.00	0.00	0.00
0.00	0.00	0.00

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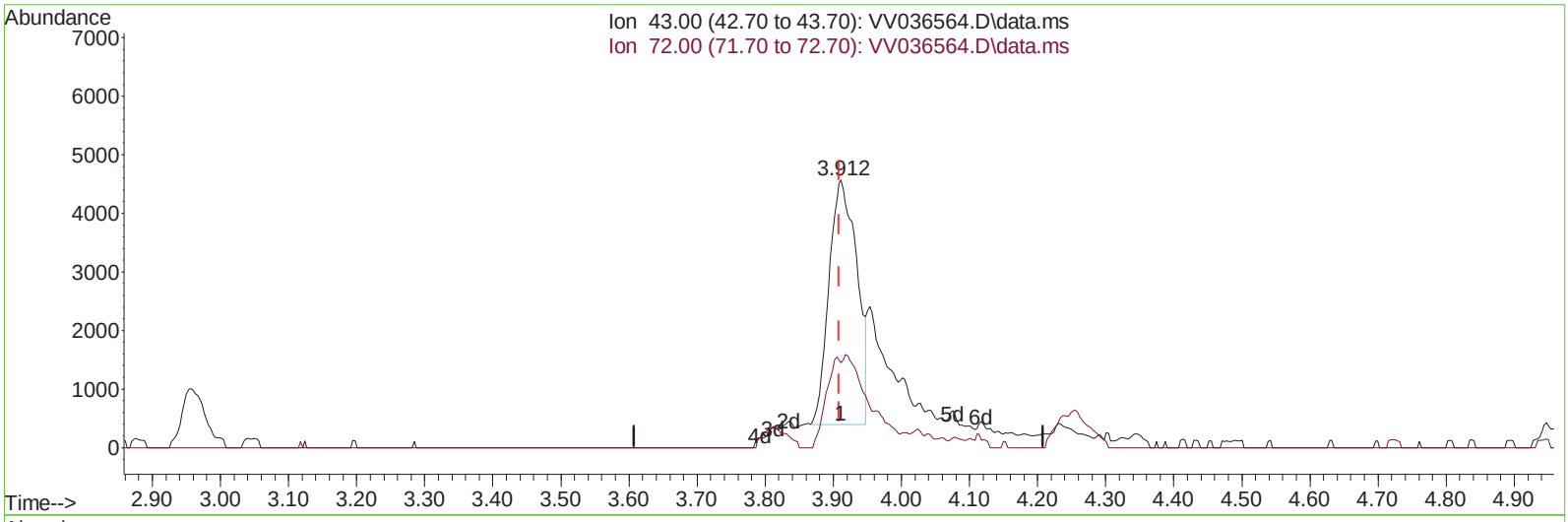

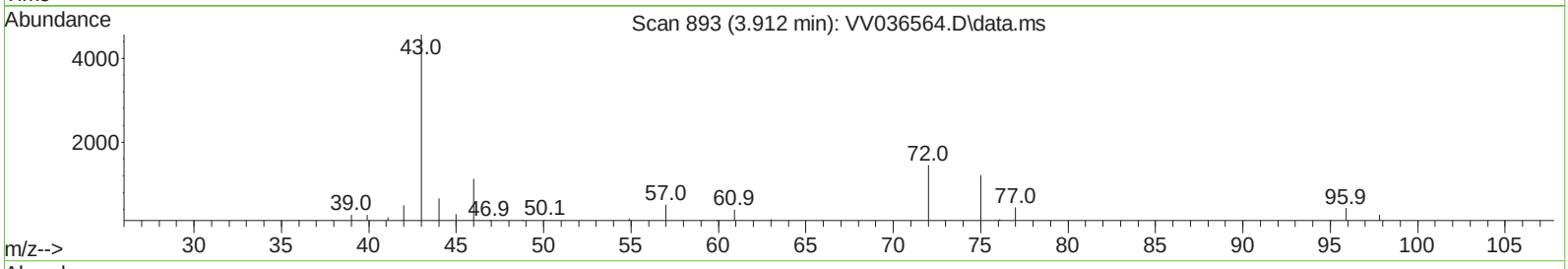

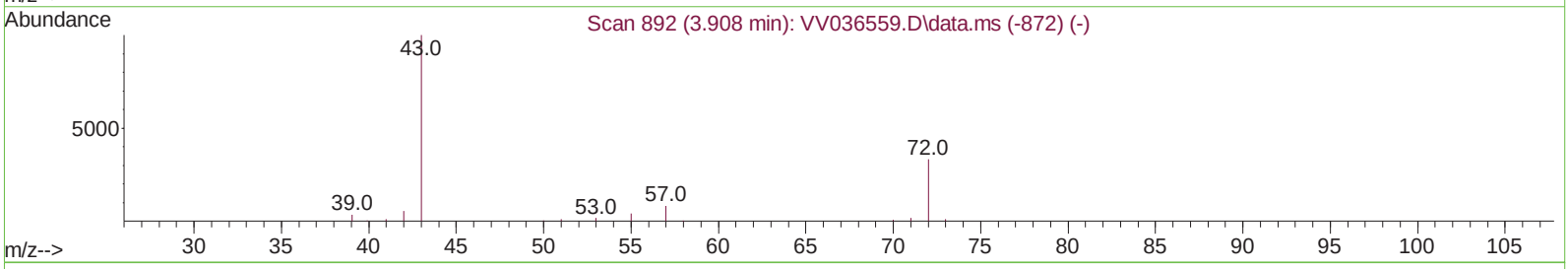

TIC: VV036564.D\data.ms

(22) 2-Butanone (T)

3.912min (+ 0.003) 13.36 ug/L

response 11889

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	11.70	20.05#
0.00	0.00	0.00
0.00	0.00	0.00

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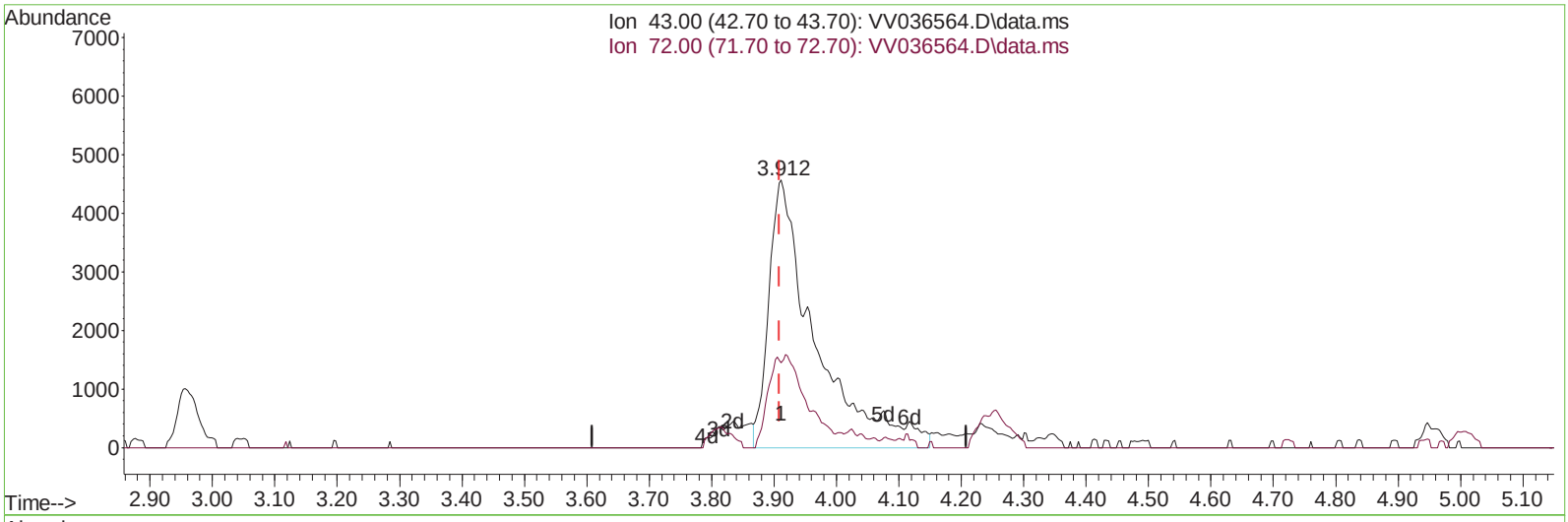

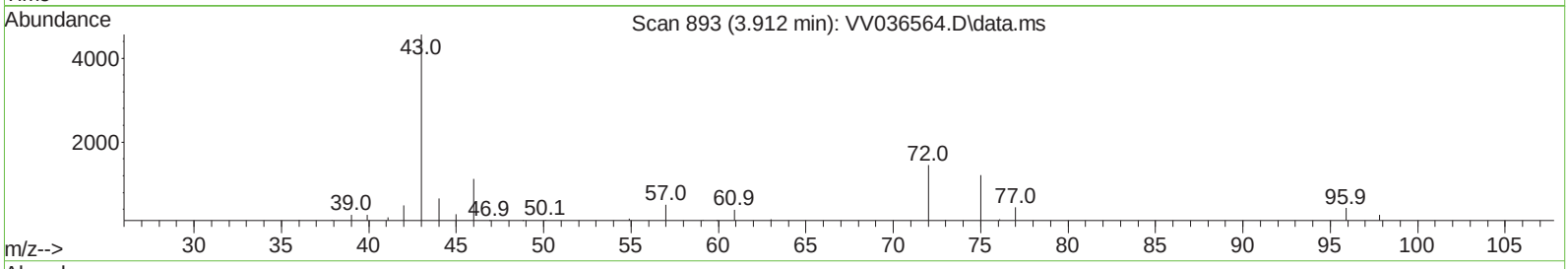

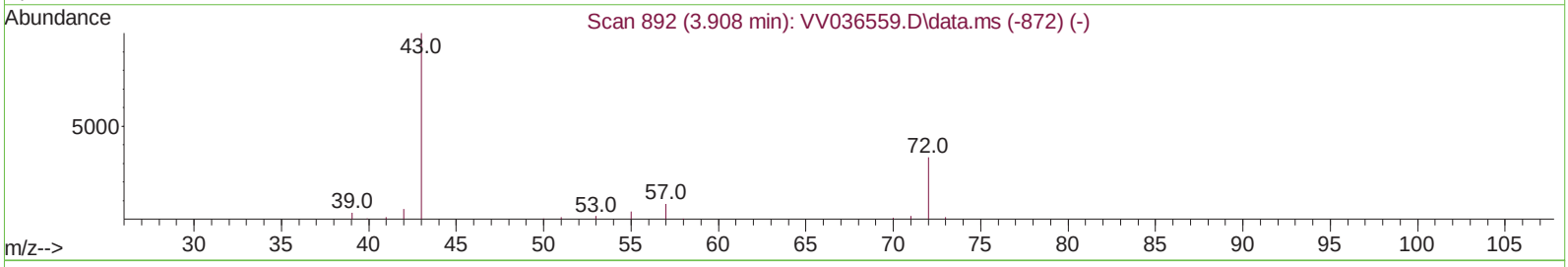

TIC: VV036564.D\data.ms

(22) 2-Butanone (T)

3.912min (+ 0.003) 26.41 ug/L m

response 23515

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	11.70	10.14
0.00	0.00	0.00
0.00	0.00	0.00

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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	5.532	114	305862	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	322427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	157404	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	95011	21.682	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.720%			
7) Chloroethane-d5	1.526	69	87252	22.774	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.080%			
11) 1,1-Dichloroethene-d2	2.050	65	45591	20.261	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.040%			
21) 2-Butanone-d5	3.815	46	42995	57.326	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.660%			
24) Chloroform-d	4.243	84	200901	22.566	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.280%			
26) 1,2-Dichloroethane-d4	4.937	65	105231	23.831	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.320%			
32) Benzene-d6	4.953	84	368664	22.919	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.680%			
36) 1,2-Dichloropropane-d6	5.985	67	112474	23.462	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.840%			
41) Toluene-d8	7.239	98	374769	25.251	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.000%			
43) trans-1,3-Dichloroprop...	7.555	79	47173	23.668	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.680%			
47) 2-Hexanone-d5	8.030	63	27662	51.954	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.900%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	96593	23.924	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.680%			
66) 1,2-Dichlorobenzene-d4	11.558	152	141456	26.481	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.920%			
Target Compounds						Qvalue
13) Acetone	2.134	43	103039m	97.174	ug/L	
16) Methylene chloride	2.439	84	137399	21.850	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	50572	12.316	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	52473	5.703	ug/L	100
19) 1,1-Dichloroethane	3.105	63	117137	15.760	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	88048	20.631	ug/L	98
22) 2-Butanone	3.912	43	23515m	26.415	ug/L	
25) Chloroform	4.272	83	80864	9.163	ug/L	100
31) Carbon tetrachloride	4.732	117	26582	3.999	ug/L	100
33) Benzene	5.005	78	354917	22.243	ug/L	100
34) Trichloroethene	5.828	95	129744	25.553	ug/L	99
38) Bromodichloromethane	6.432	83	104225	16.335	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	120925	19.474	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	135034	73.791	ug/L	94
42) Toluene	7.313	91	174904	10.345	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	51190	12.901	ug/L	97
46) Tetrachloroethene	7.902	164	46070	11.222	ug/L	99
49) Dibromochloromethane	8.175	129	104717	21.824	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.284	107	36864	9.899	ug/L	98
52) Ethylbenzene	8.947	91	299421	16.510	ug/L	99
53) m,p-Xylene	9.072	106	45514	6.518	ug/L	99
54) o-Xylene	9.477	106	69262	10.418	ug/L	100
55) Styrene	9.497	104	255747	21.501	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	80801	22.300	ug/L	99
59) Bromoform	9.664	173	82478	29.565	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	181560	18.189	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	16767	27.672	ug/L	96

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

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