Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
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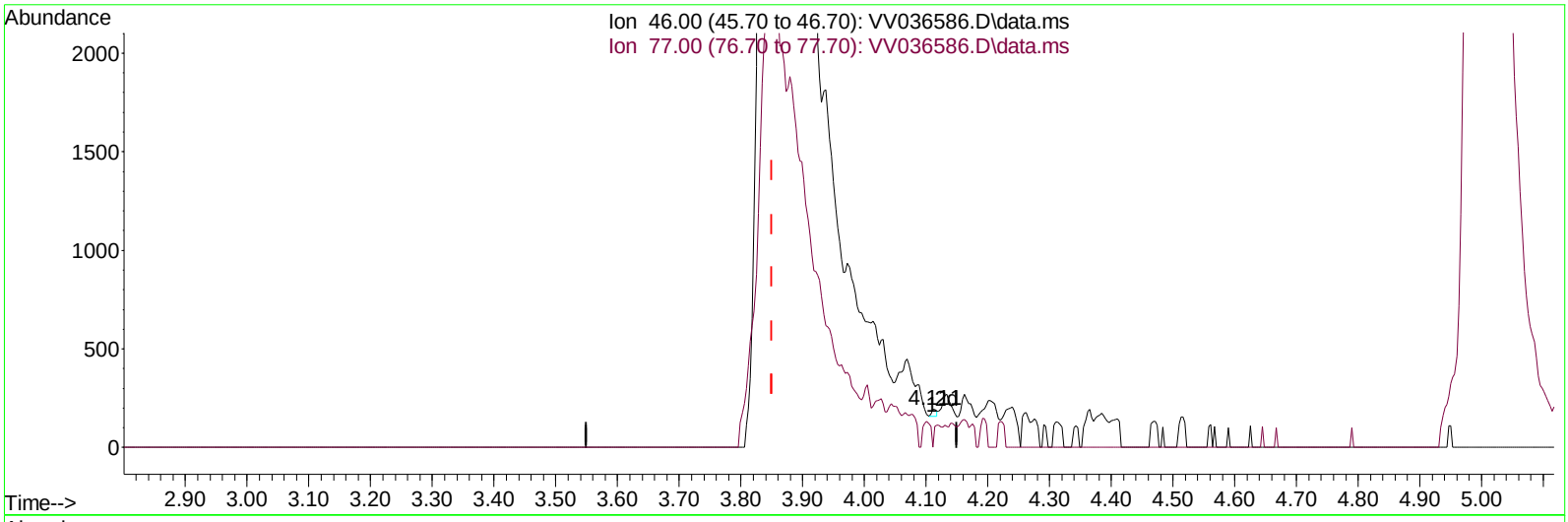
Acq On : 17 Jul 2024 12:02
Operator : SY/MD
Sample : P3238-22DL4X
Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

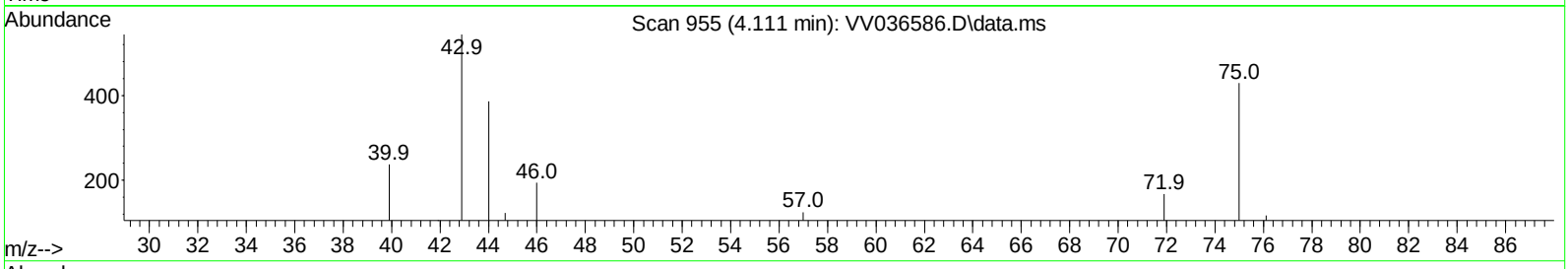
Quant Time: Jul 18 01:26:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 01:25:10 2024
Response via : Initial Calibration

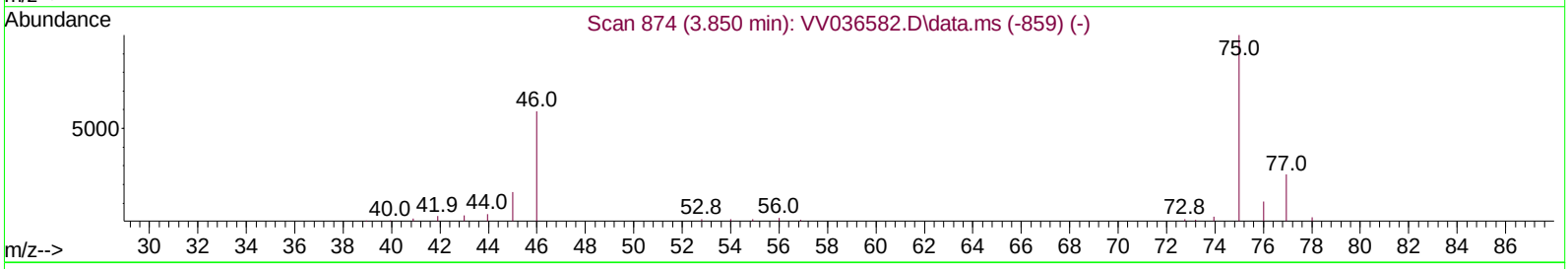
Instrument :
MSVOA_V
ClientSampleId :
A4DJ8DL

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/18/2024
Supervised By :Mahesh Dadoda 07/19/2024







TIC: VV036586.D\data.ms

(21) 2-Butanone-d5 (S)

4.111min (+ 0.260) 0.03 ug/L

response 21

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	400.00#
0.00	0.00	0.00
0.00	0.00	0.00

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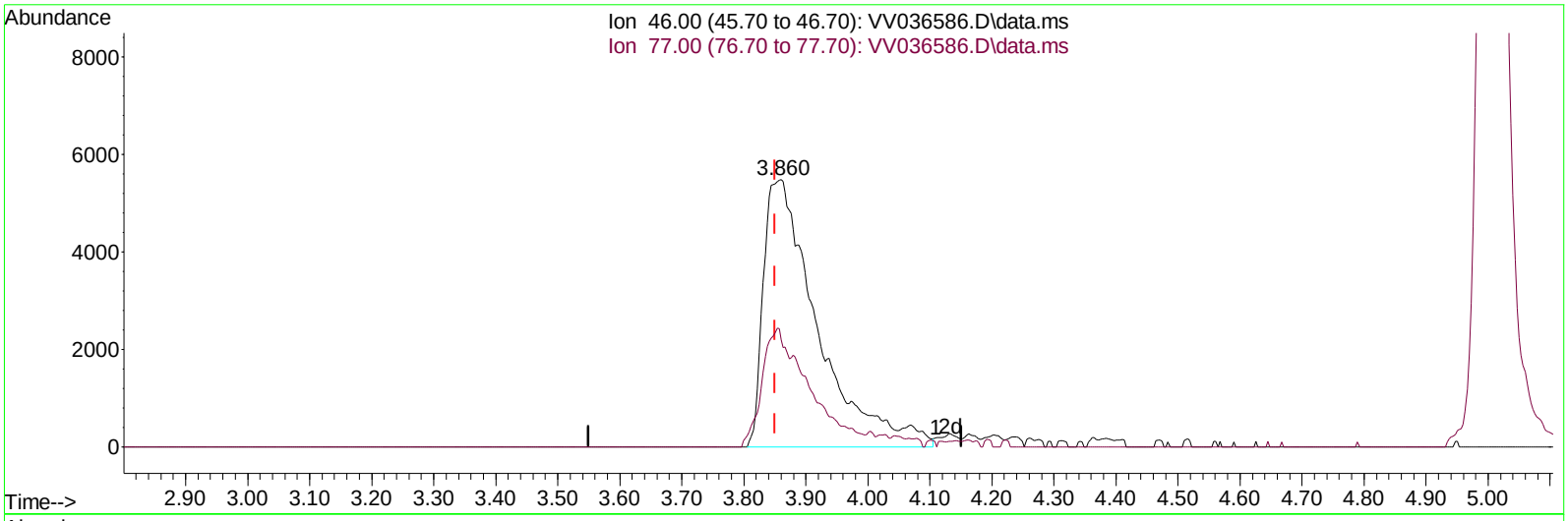

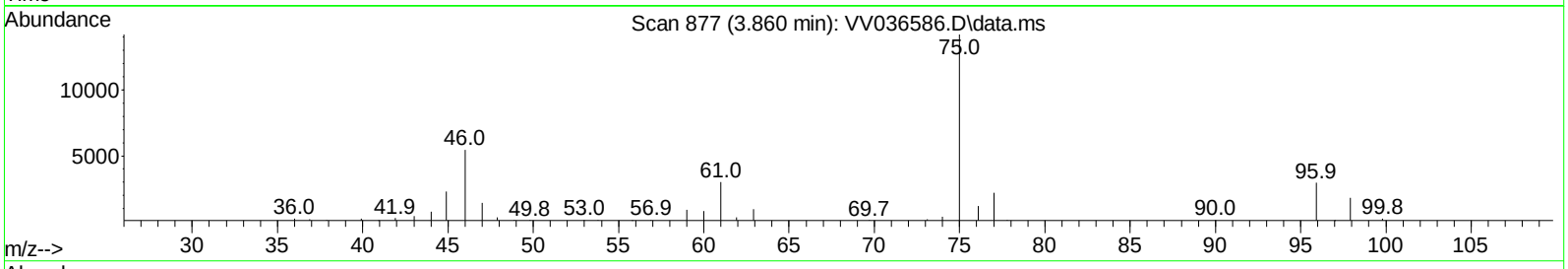

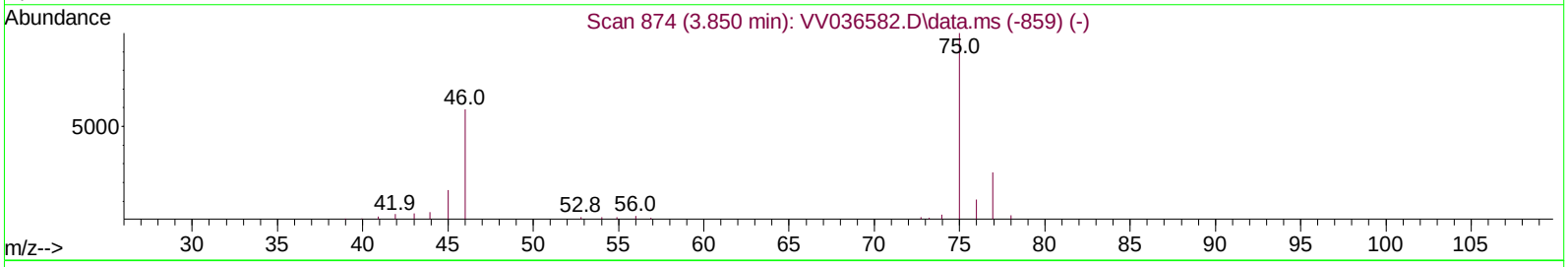

TIC: VV036586.D\data.ms

(21) 2-Butanone-d5 (S)

3.860min (+ 0.010) 49.80 ug/L m

response 33158

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	0.25#
0.00	0.00	0.00
0.00	0.00	0.00

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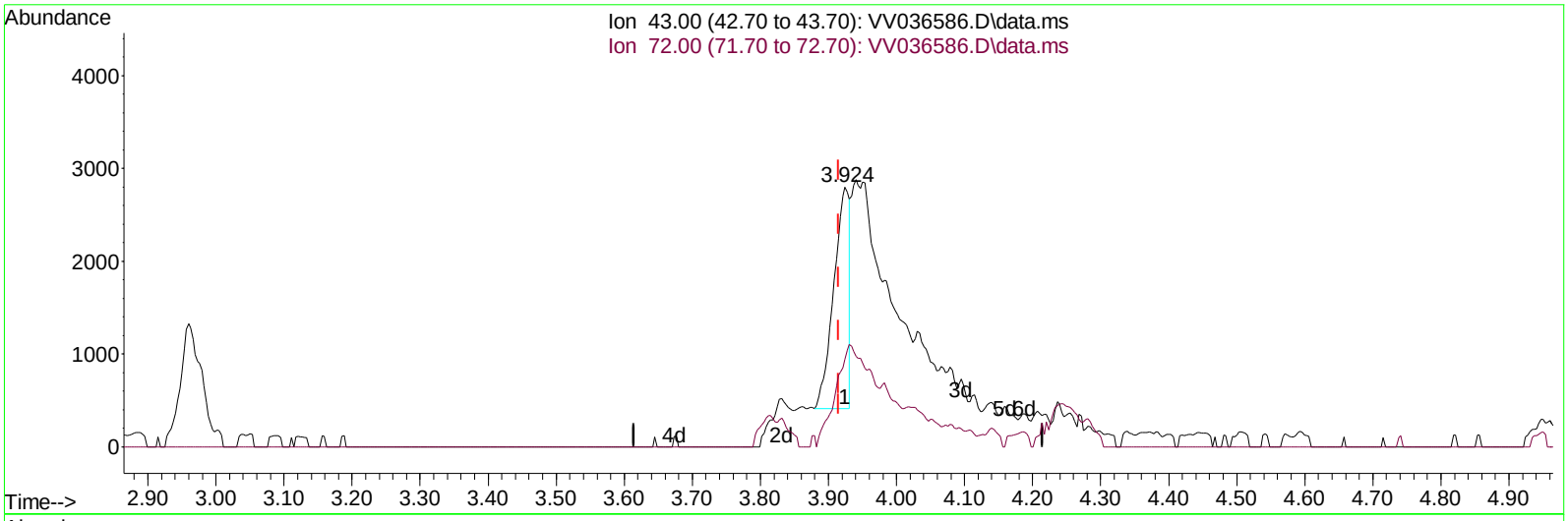

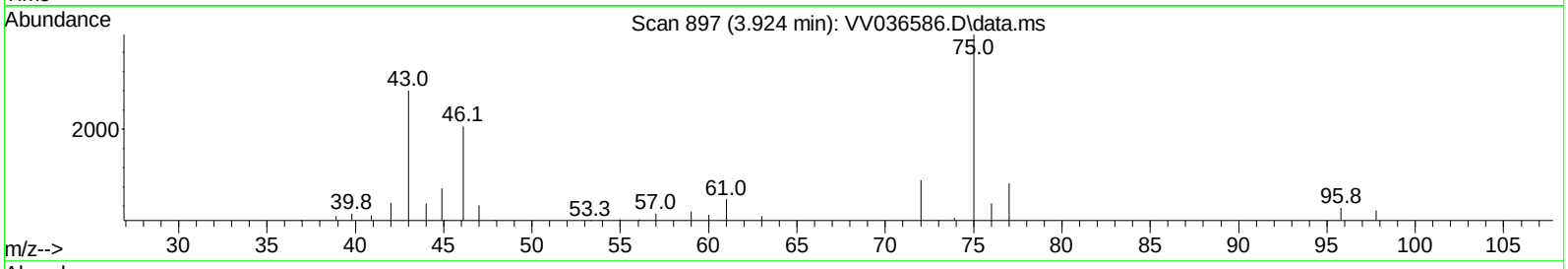

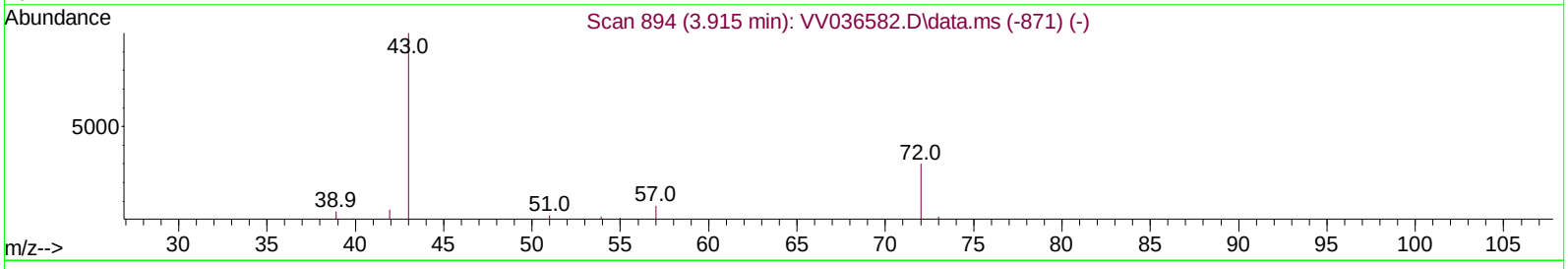

TIC: VV036586.D\data.ms

(22) 2-Butanone (T)

3.924min (+ 0.010) 4.86 ug/L

response 3838

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	11.70	80.80#
0.00	0.00	0.00
0.00	0.00	0.00

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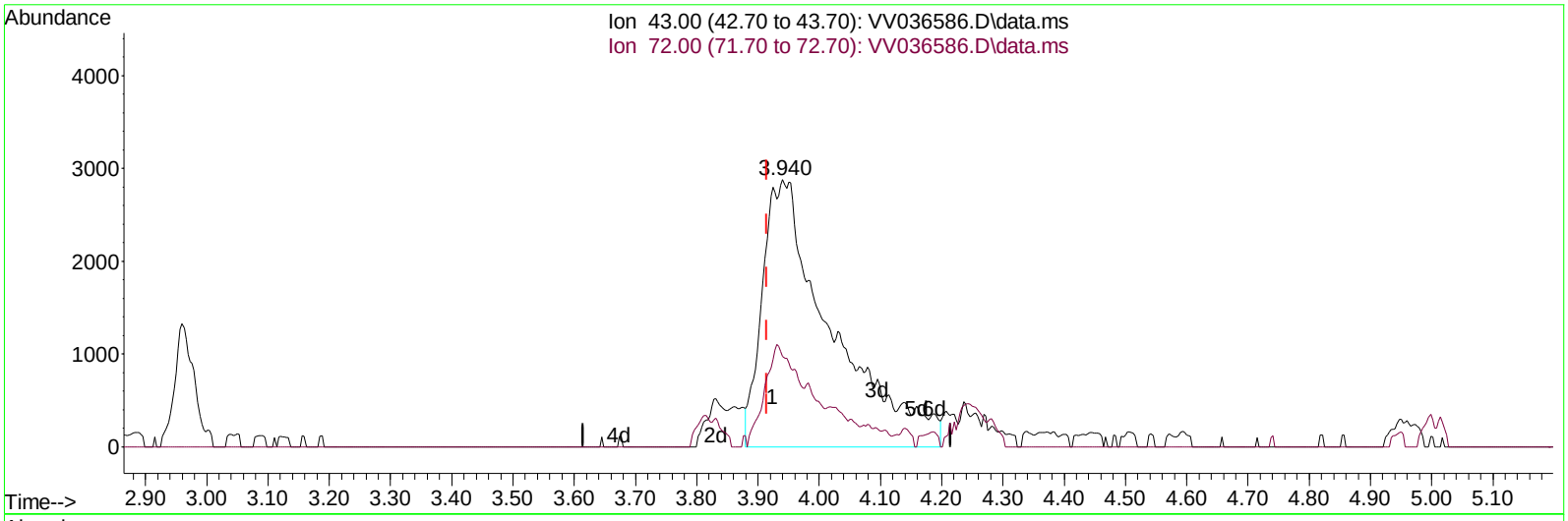

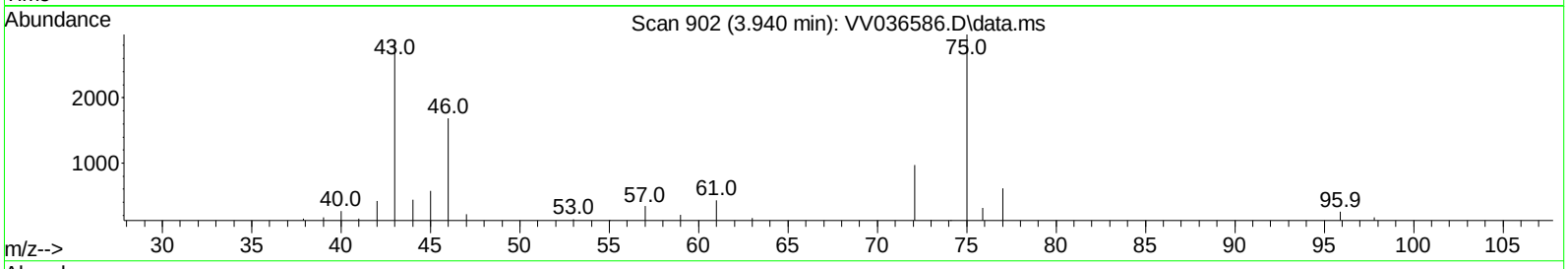

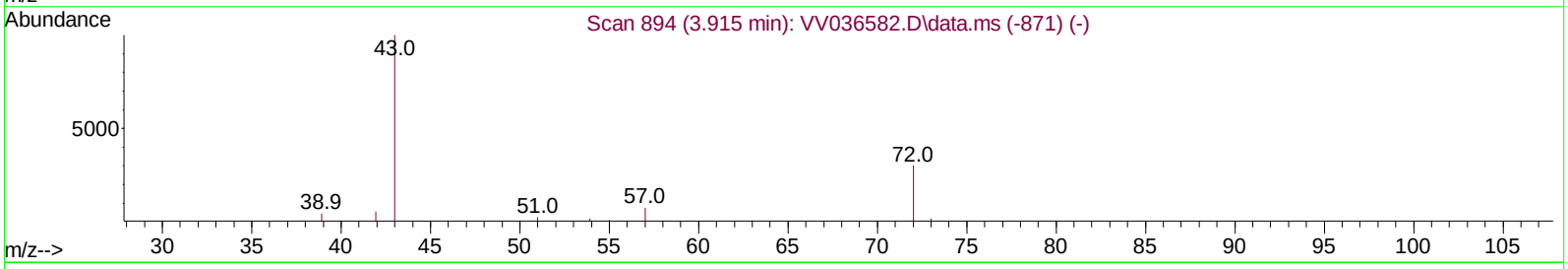

TIC: VV036586.D\data.ms

(22) 2-Butanone (T)

3.940min (+ 0.026) 28.39 ug/L m

response 22438

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	11.70	13.82
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	271529	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	285274	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	136952	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	75926	19.517	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.080%		
7) Chloroethane-d5	1.526	69	67120	19.734	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.920%		
11) 1,1-Dichloroethene-d2	2.050	65	39724	19.886	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.560%		
21) 2-Butanone-d5	3.860	46	33158m	49.800	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.600%		
24) Chloroform-d	4.243	84	163499	20.687	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.760%		
26) 1,2-Dichloroethane-d4	4.937	65	82151	20.957	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.840%		
32) Benzene-d6	4.957	84	287244	20.183	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.720%		
36) 1,2-Dichloropropane-d6	5.985	67	87850	20.712	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.840%		
41) Toluene-d8	7.239	98	292947	22.309	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.240%		
43) trans-1,3-Dichloroprop...	7.554	79	36537	20.719	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.880%		
47) 2-Hexanone-d5	8.034	63	18576	39.433	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.860%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	74773	20.932	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.720%		
66) 1,2-Dichlorobenzene-d4	11.558	152	113037	24.321	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.280%		
Target Compounds						Qvalue
13) Acetone	2.166	43	79579	84.539	ug/L	95
16) Methylene chloride	2.442	84	93191	16.694	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	53453	14.664	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	51715	6.331	ug/L	98
19) 1,1-Dichloroethane	3.104	63	120746	18.300	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	86665	22.874	ug/L	98
22) 2-Butanone	3.940	43	22438m	28.392	ug/L	
25) Chloroform	4.272	83	79550	10.154	ug/L	100
31) Carbon tetrachloride	4.728	117	28352	4.821	ug/L	96
33) Benzene	5.005	78	360359	25.526	ug/L	100
34) Trichloroethene	5.828	95	127712	28.429	ug/L	99
38) Bromodichloromethane	6.429	83	102559	18.167	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	111108	20.223	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	120884	74.662	ug/L	95
42) Toluene	7.313	91	178551	11.936	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	48802	13.901	ug/L	96
46) Tetrachloroethene	7.902	164	46760	12.873	ug/L	99
49) Dibromochloromethane	8.175	129	99716	23.488	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.284	107	34012	10.323	ug/L	97
52) Ethylbenzene	8.943	91	307395	19.157	ug/L	99
53) m,p-Xylene	9.072	106	48095	7.785	ug/L	96
54) o-Xylene	9.477	106	70154	11.927	ug/L	99
55) Styrene	9.493	104	254786	24.210	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	79506	24.800	ug/L	97
59) Bromoform	9.664	173	77440	31.905	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	180356	20.767	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	15241	28.910	ug/L	97

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

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