Quantitation Report (Qedit)

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Acq On : 21 Apr 2023 05:16
Operator : SY/MD
Sample : 02398-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

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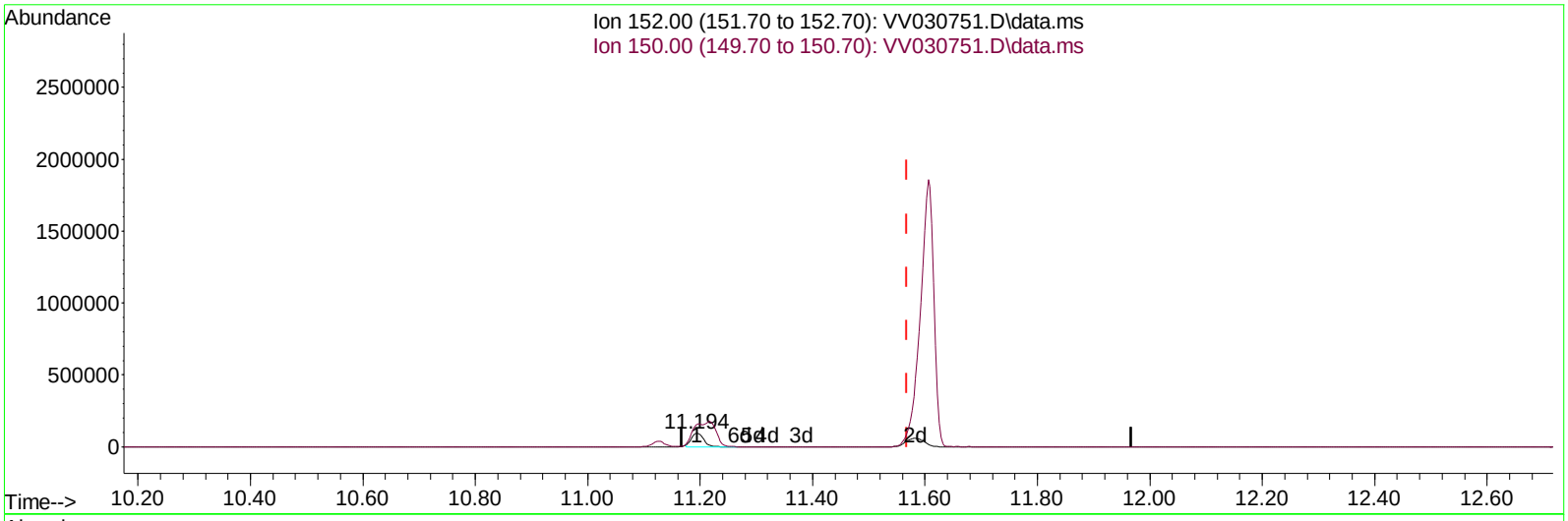
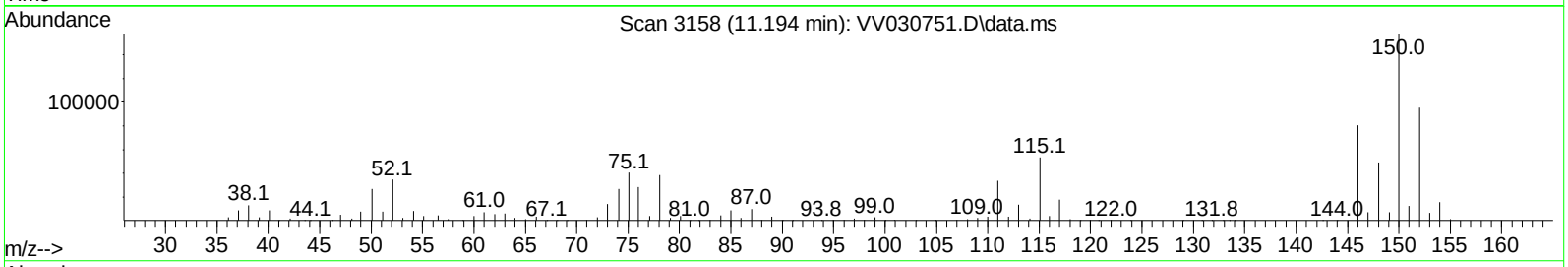
Quant Title : VOC Analysis
QLast Update : Fri Apr 21 01:37:39 2023
Response via : Initial Calibration

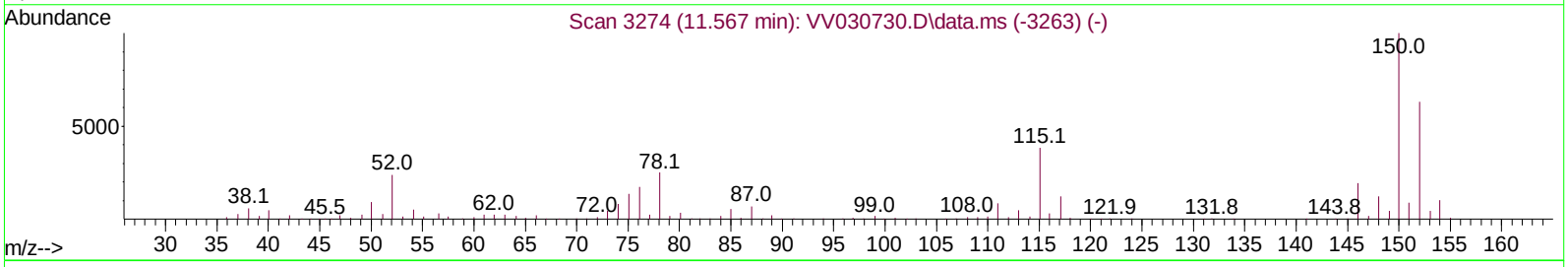
Instrument :
MSVOA_V
ClientSampleId :
C0MN6

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023







TIC: VV030751.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

11.194min (-0.373) 61.12 ug/L

response 141792

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	173.90	123.33
0.00	0.00	0.00
0.00	0.00	0.00

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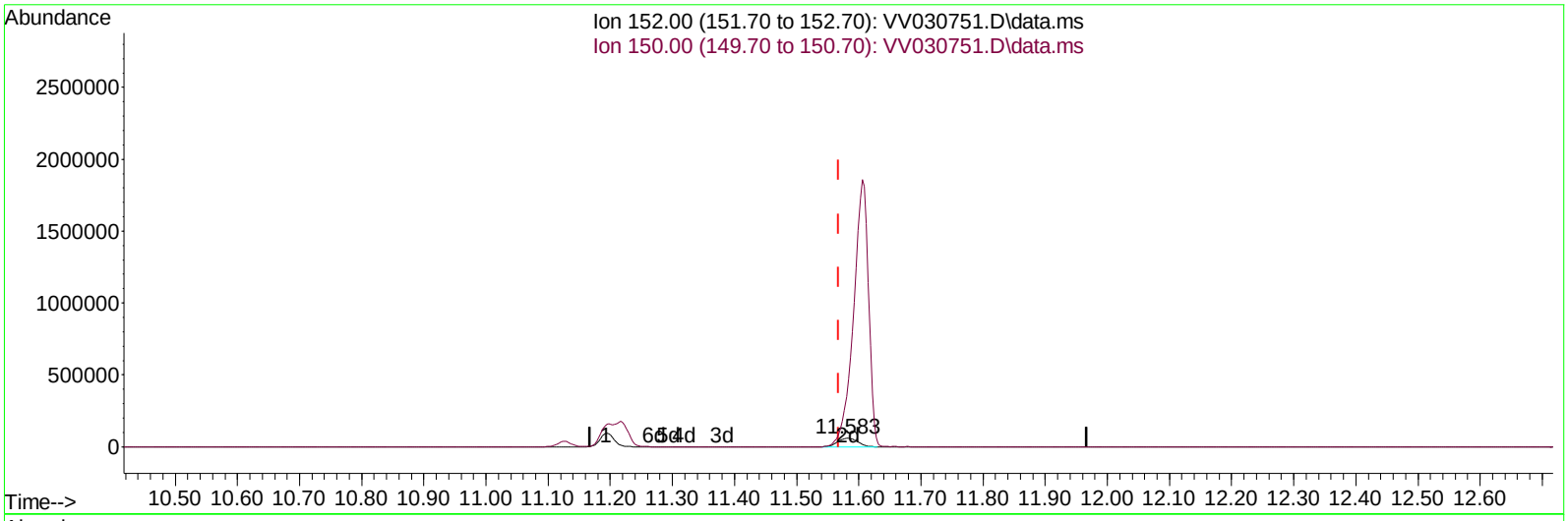

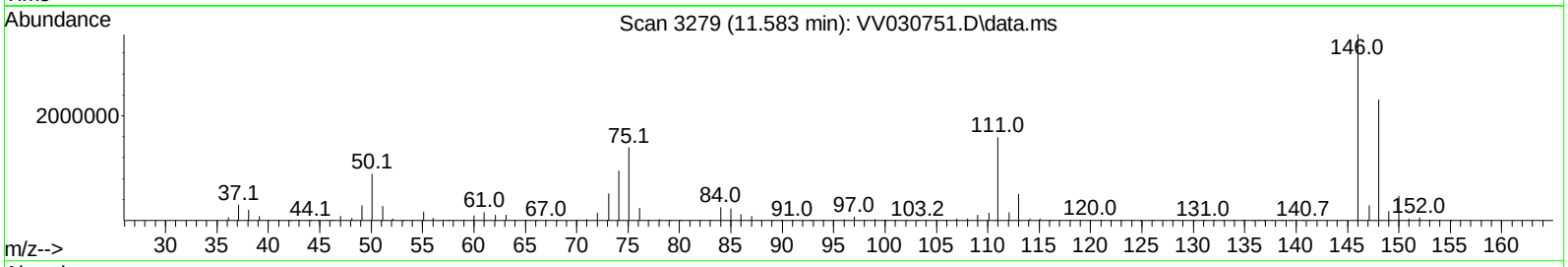

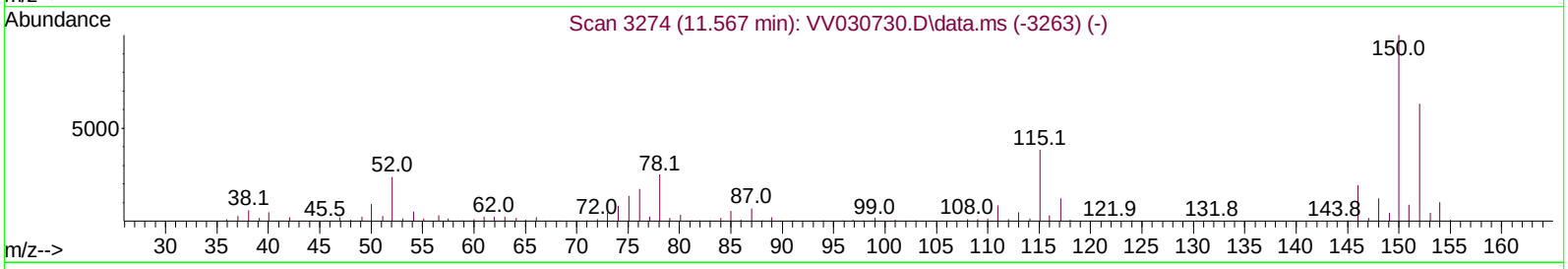

TIC: VV030751.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

11.583min (+ 0.016) 56.99 ug/L m

response 132197

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	173.90	132.28
0.00	0.00	0.00
0.00	0.00	0.00

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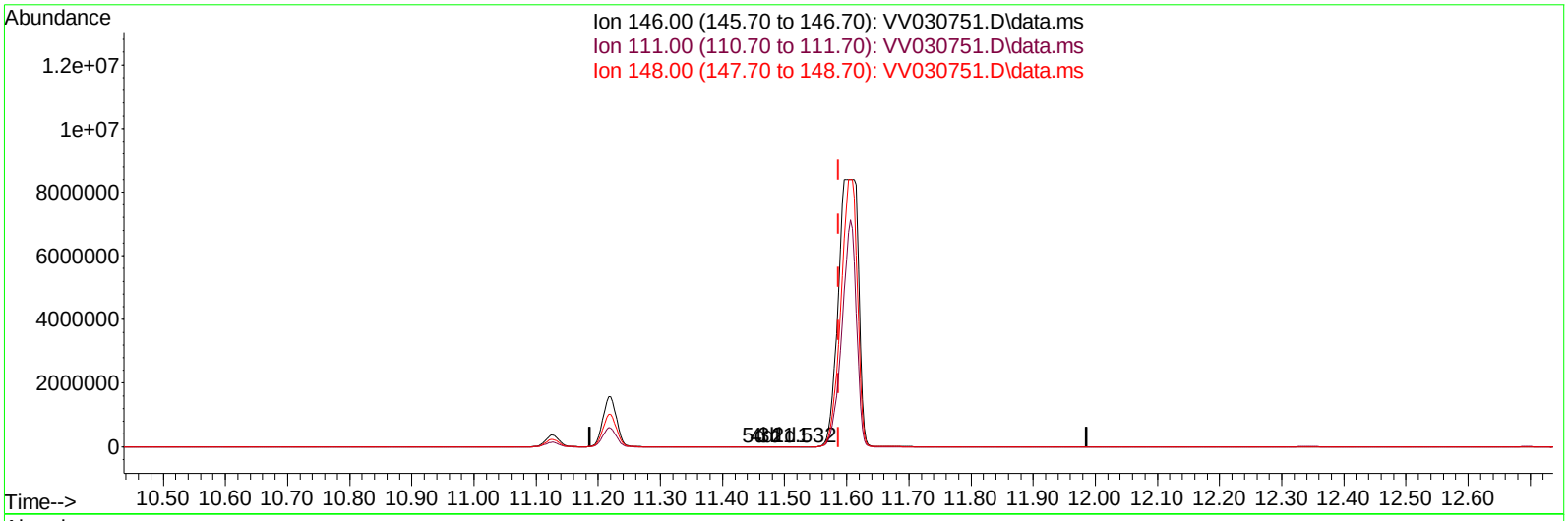

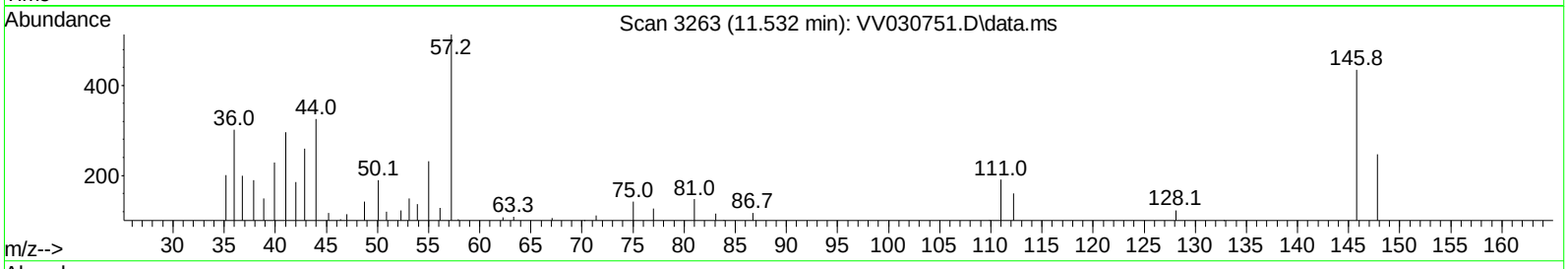

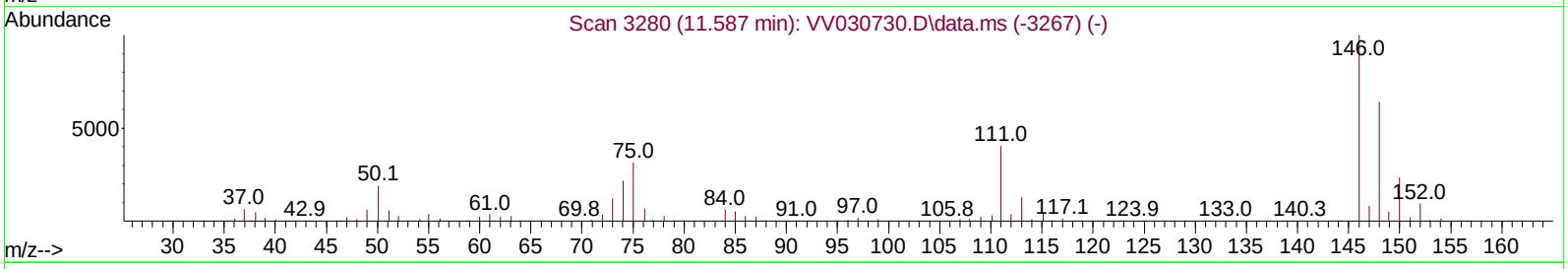

TIC: VV030751.D\data.ms

(67) 1,2-Dichlorobenzene (T)

11.532min (-0.055) 0.02 ug/L

response 98

Ion	Exp%	Act%
146.00	100.00	100.00
111.00	40.00	43.91
148.00	63.30	56.78
0.00	0.00	0.00

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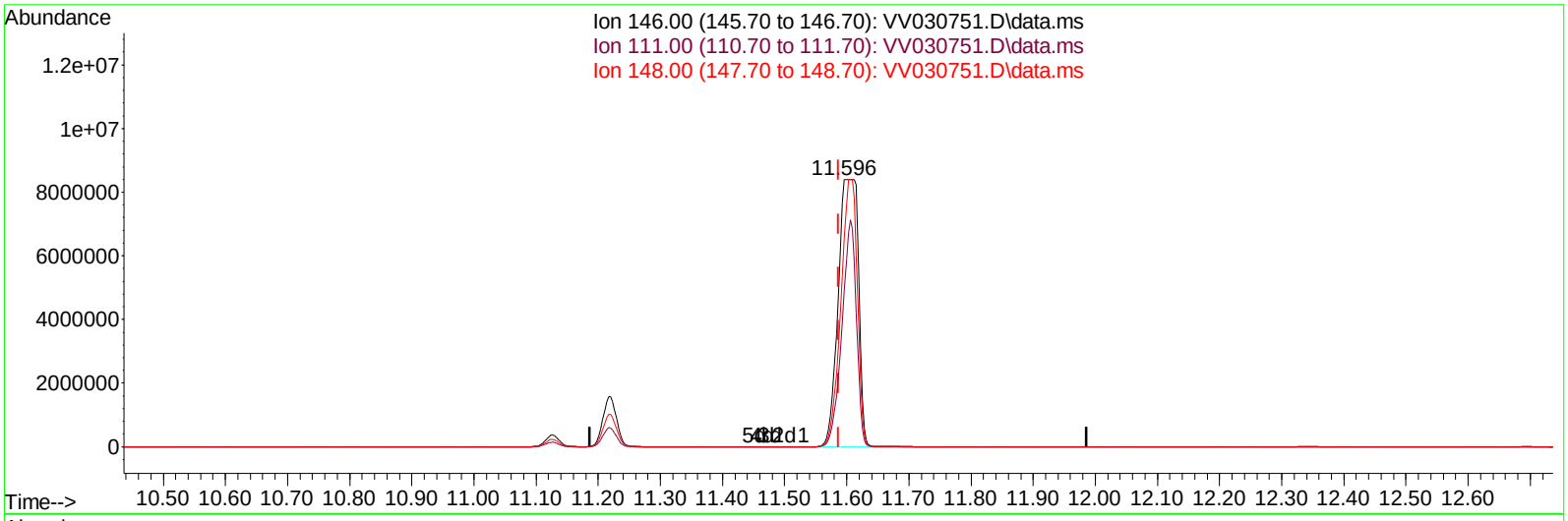

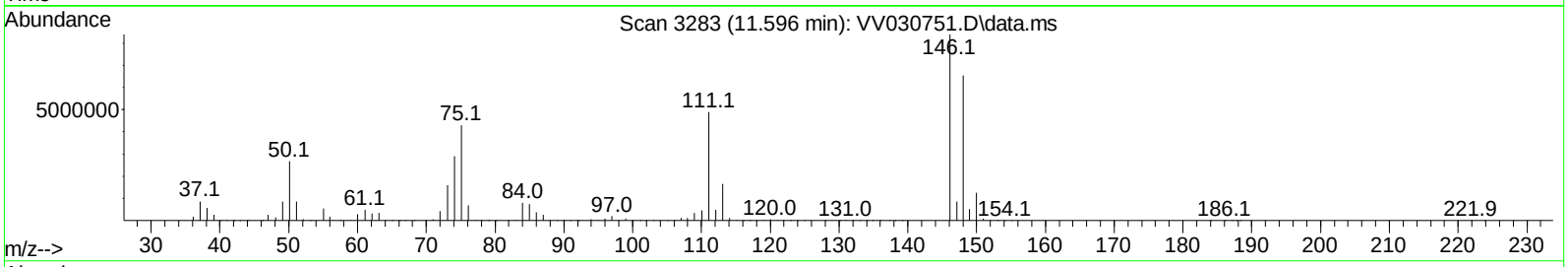

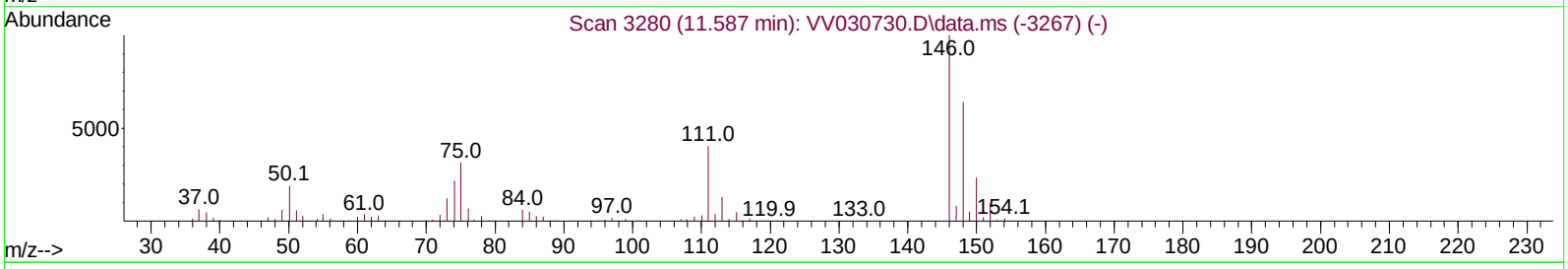

TIC: VV030751.D\data.ms

(67) 1,2-Dichlorobenzene (T)

11.596min (+ 0.009) 4111.09 ug/L m

response 18899981

Ion	Exp%	Act%
146.00	100.00	100.00
111.00	40.00	58.45#
148.00	63.30	77.84#
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	5.542	114	246890	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	243478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	145949	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	73831	40.793	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.580%			
7) Chloroethane-d5	1.535	69	61894	40.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.620%			
11) 1,1-Dichloroethene-d2	2.066	65	35942	41.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.760%			
21) 2-Butanone-d5	3.799	46	94900	95.463	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.460%			
24) Chloroform-d	4.259	84	137284	41.855	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.720%			
26) 1,2-Dichloroethane-d4	4.950	65	98155	46.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.100%			
32) Benzene-d6	4.969	84	257605	44.750	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.500%			
36) 1,2-Dichloropropane-d6	5.998	67	79507	44.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.920%			
41) Toluene-d8	7.252	98	226929	41.987	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.980%			
43) trans-1,3-Dichloroprop...	7.561	79	37357	41.450	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.900%			
47) 2-Hexanone-d5	8.030	63	64286	91.262	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.260%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	108391	41.775	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.540%			
66) 1,2-Dichlorobenzene-d4	11.583	152	132197m	56.986	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.980%			
Target Compounds						Qvalue
33) Benzene	5.021	78	18044	2.440	ug/L	100
51) Chlorobenzene	8.825	112	6946591	1324.456	ug/L	95
64) 1,3-Dichlorobenzene	11.127	146	556413	122.099	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	2413473	502.241	ug/L	99
67) 1,2-Dichlorobenzene	11.596	146	18899981m	4111.091	ug/L	
70) 1,2,4-trichlorobenzene	13.210	180	3768718	1289.407	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	544878	188.000	ug/L	100

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

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