Quantitation Report (Qedit)

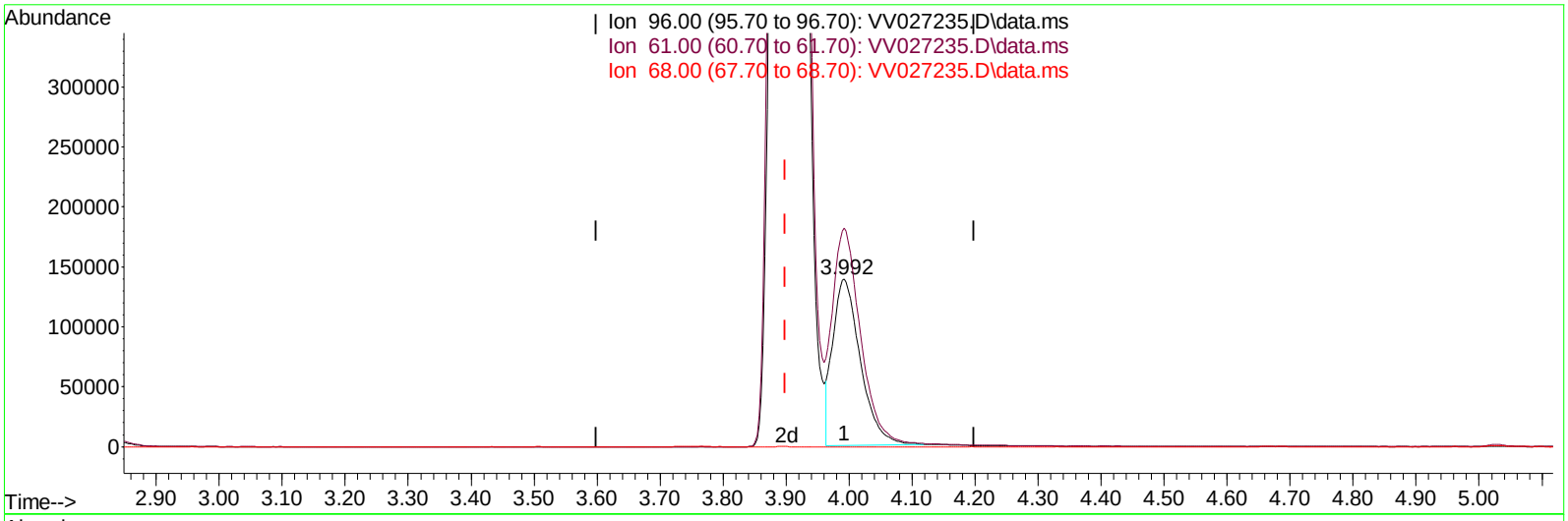
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
Data File : VV027235.D
Acq On : 05 Aug 2022 19:27
Operator : SY/MD
Sample : N4021-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

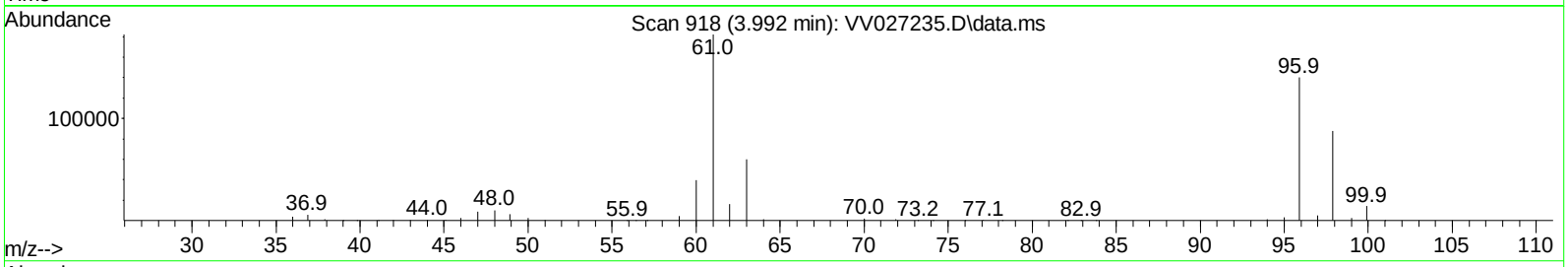
Quant Time: Aug 06 04:02:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 03:57:43 2022
Response via : Initial Calibration

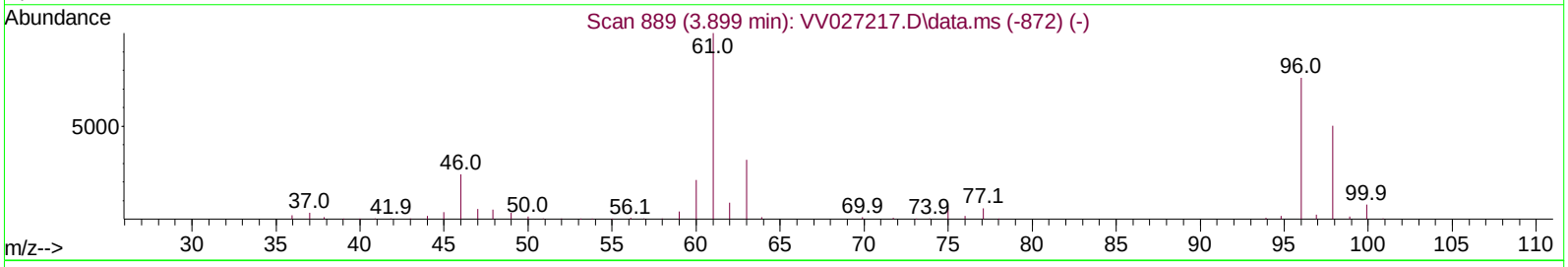
Instrument :
MSVOA_V
ClientSampleId :
F5D69

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022
Supervised By :Mahesh Dadoda 08/08/2022







TIC: VV027235.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.992min (+ 0.093) 151.66 ug/L

response 420708

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	116.80	130.07
68.00	0.00	0.00
0.00	0.00	0.00

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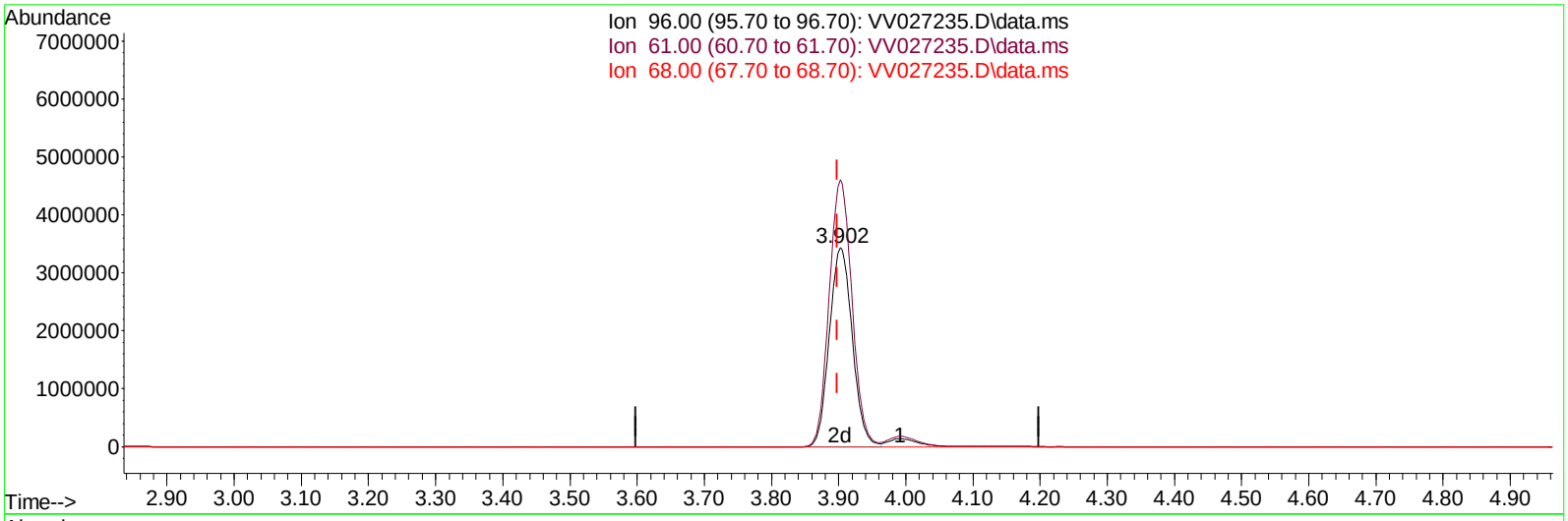

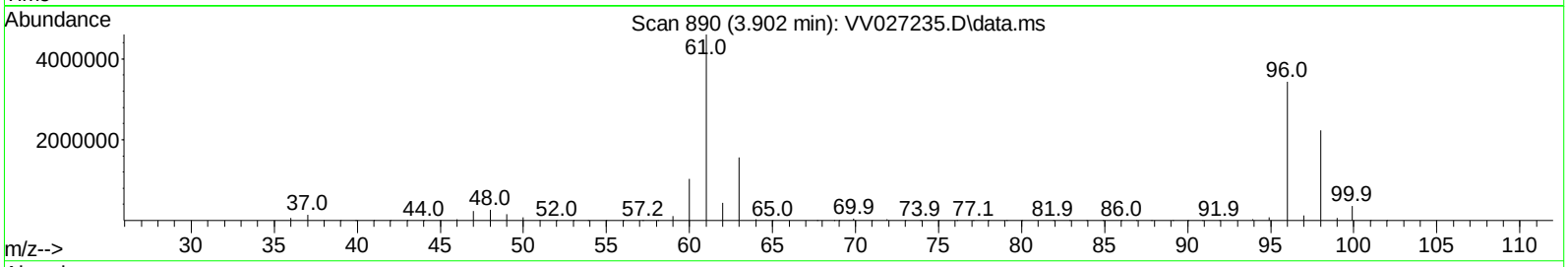

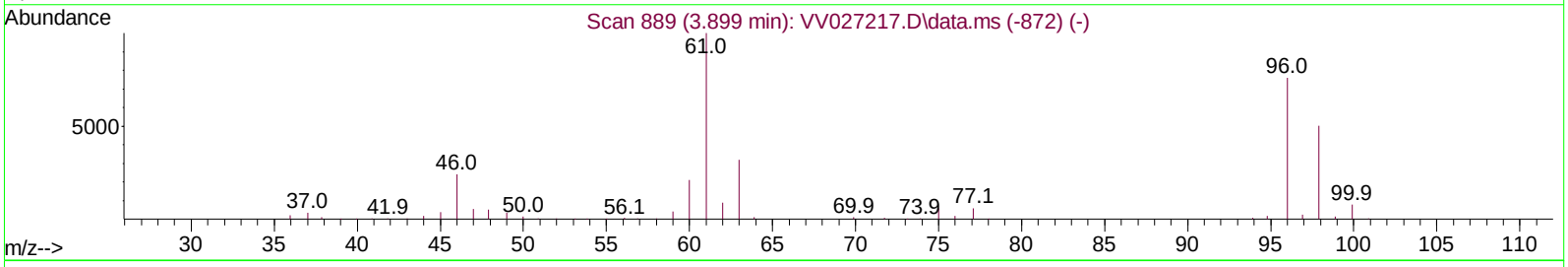

TIC: VV027235.D\data.ms

(20) cis-1,2-Dichloroethene (T)

3.902min (+ 0.003) 2937.05 ug/L m

response 8147542

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	116.80	133.99
68.00	0.00	0.00#
0.00	0.00	0.00

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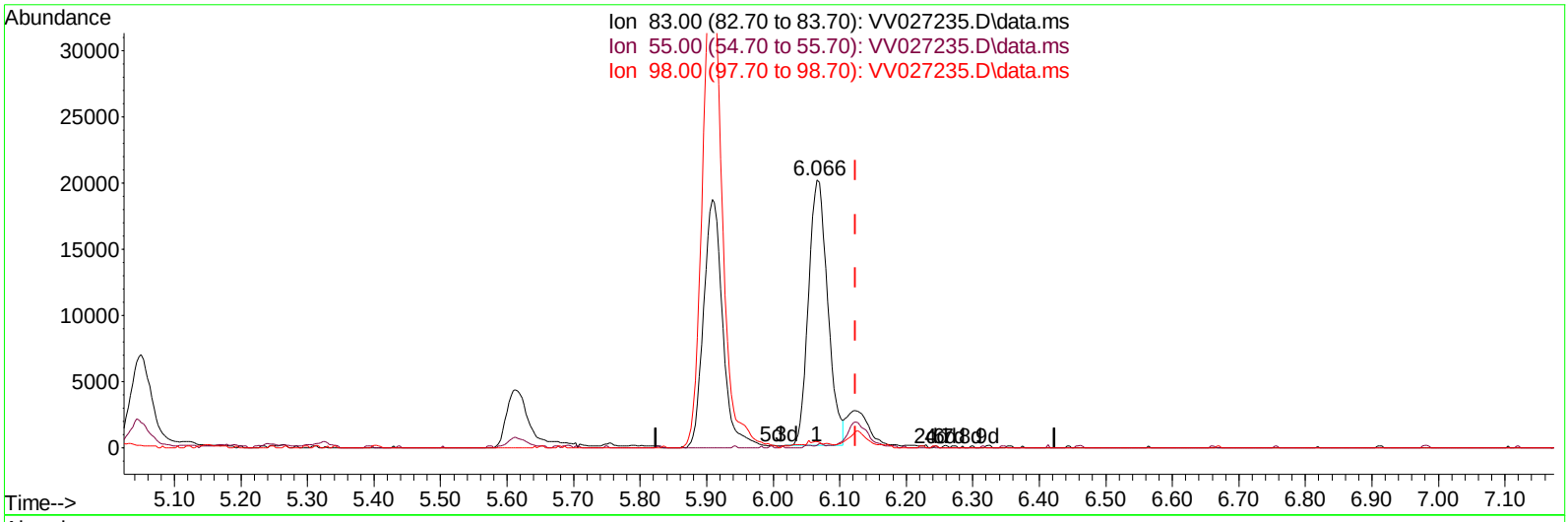

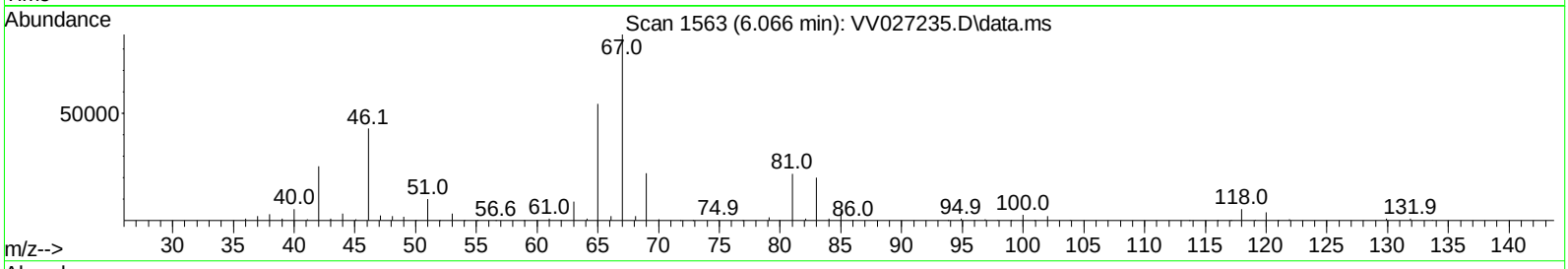

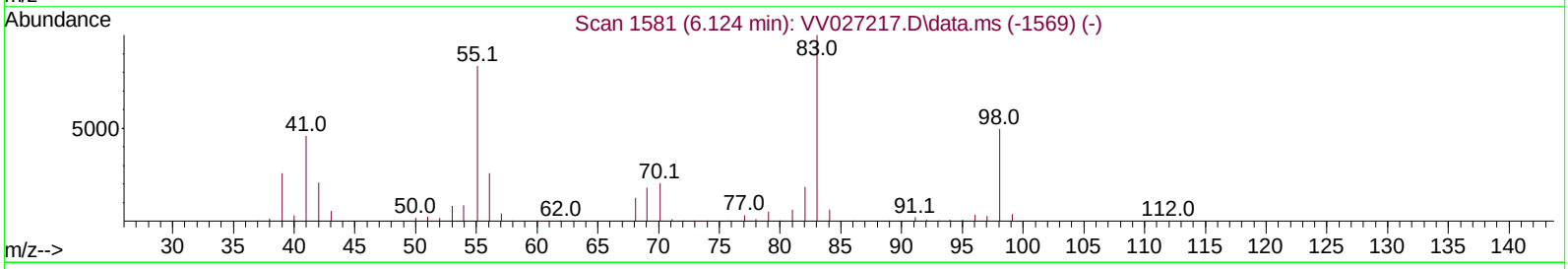

TIC: VV027235.D\data.ms

(35) Methylcyclohexane (T)

6.066min (-0.058) 9.35 ug/L

response 40242

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	69.40	0.55#
98.00	48.70	1.09#
0.00	0.00	0.00

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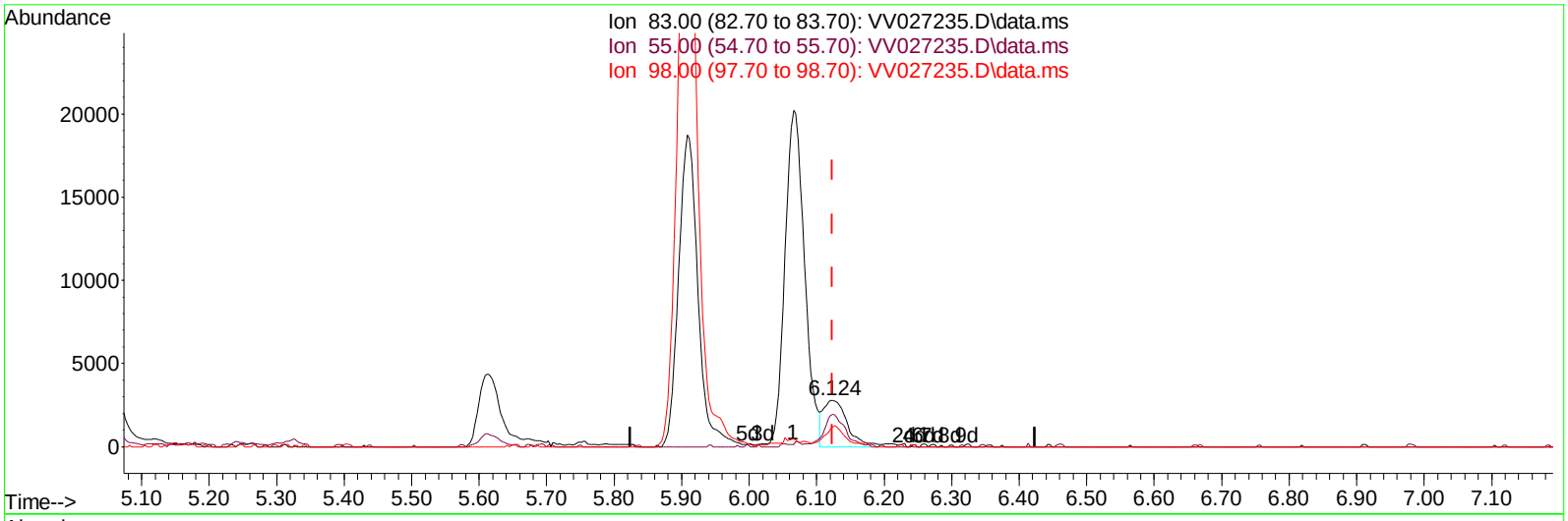

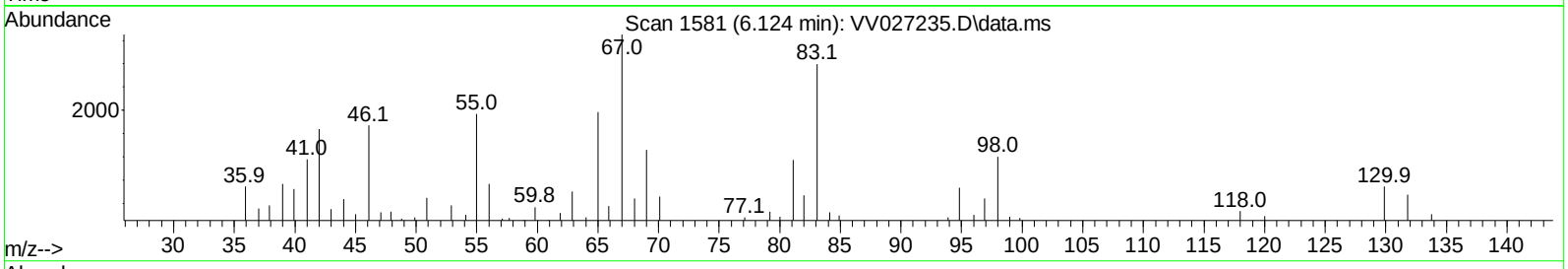

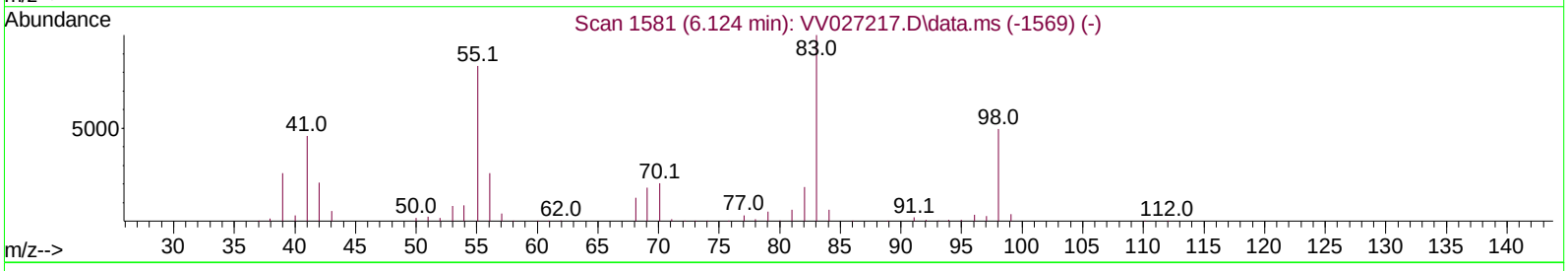

TIC: VV027235.D\data.ms

(35) Methylcyclohexane (T)

6.124min (+ 0.000) 1.60 ug/L m

response 6883

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	69.40	3.20#
98.00	48.70	6.35#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	348264	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	355853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	141906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	164718	69.373	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 138.740%#			
7) Chloroethane-d5	1.558	69	112749	64.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 129.900%			
11) 1,1-Dichloroethene-d2	2.102	63	192248	44.265	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.540%			
21) 2-Butanone-d5	3.876	46	235239	111.303	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.300%			
24) Chloroform-d	4.343	84	250045	51.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.820%			
26) 1,2-Dichloroethane-d4	5.027	65	172928	57.266	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.540%			
32) Benzene-d6	5.044	84	498261	58.388	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.780%			
36) 1,2-Dichloropropane-d6	6.066	67	180775	59.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.100%			
41) Toluene-d8	7.314	98	420214	57.771	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.540%			
43) trans-1,3-Dichloroprop...	7.619	79	70204	53.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.120%			
47) 2-Hexanone-d5	8.085	63	144171	98.610	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.610%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	242780	49.078	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.160%			
66) 1,2-Dichlorobenzene-d4	11.625	152	150109	61.254	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.500%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	2134007	605.250	ug/L	98
8) Chloroethane	1.577	64	2655	1.352	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	160996	60.289	ug/L	92
20) cis-1,2-Dichloroethene	3.902	96	8147542m	2937.046	ug/L	
29) Cyclohexane	4.677	56	6930	1.691	ug/L #	52
34) Trichloroethene	5.908	95	2889045	986.678	ug/L	95
35) Methylcyclohexane	6.124	83	6883m	1.599	ug/L	
46) Tetrachloroethene	7.973	164	185098	86.370	ug/L	98

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

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