Quantitation Report (Qedit)

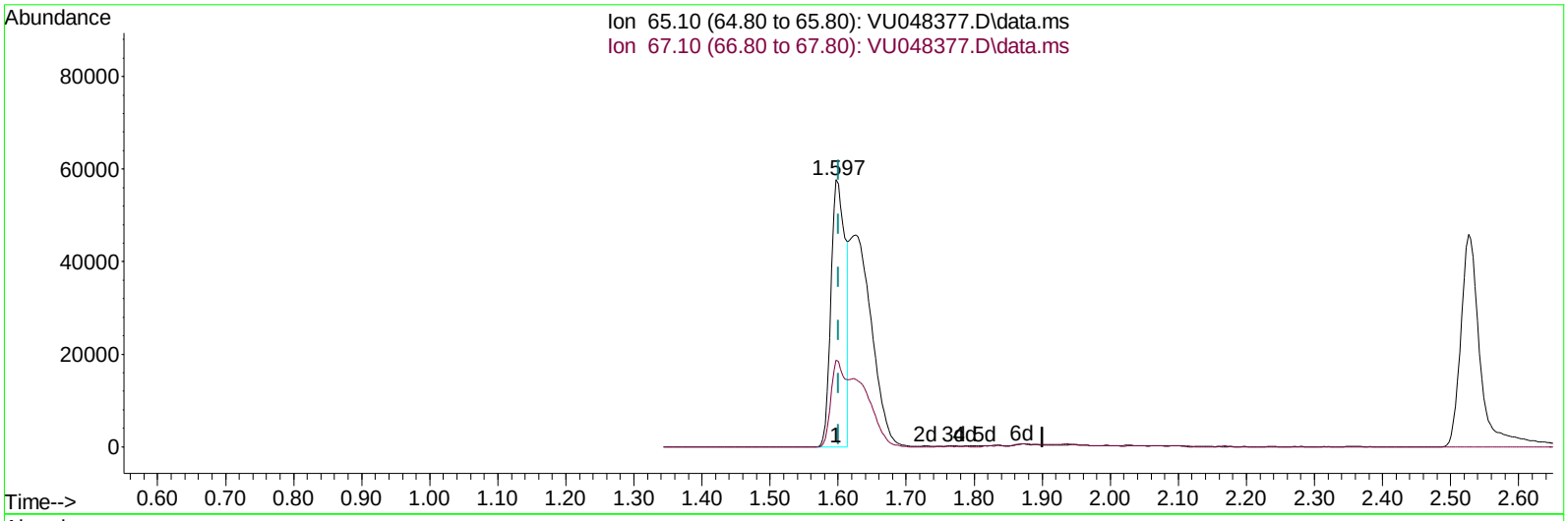
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048377.D
Acq On : 02 May 2022 19:54
Operator : SY/MD
Sample : N2638-19
Misc : 5.30g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

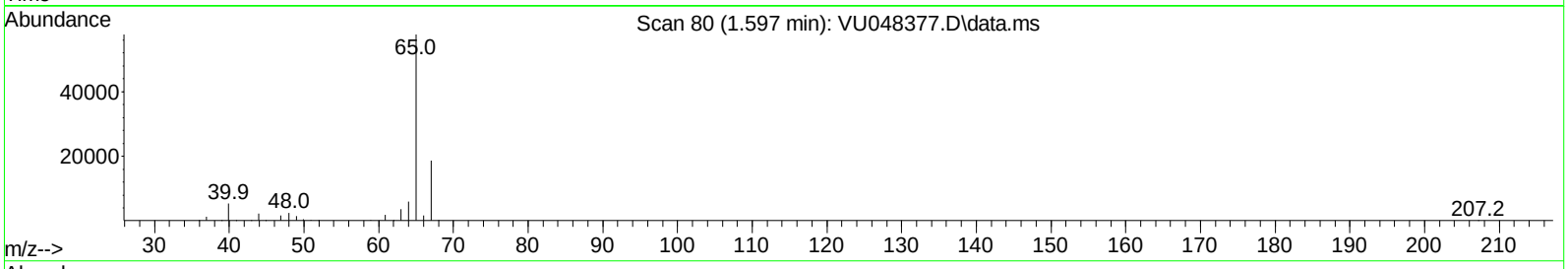
Quant Time: May 03 04:16:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 03 04:11:15 2022
Response via : Initial Calibration

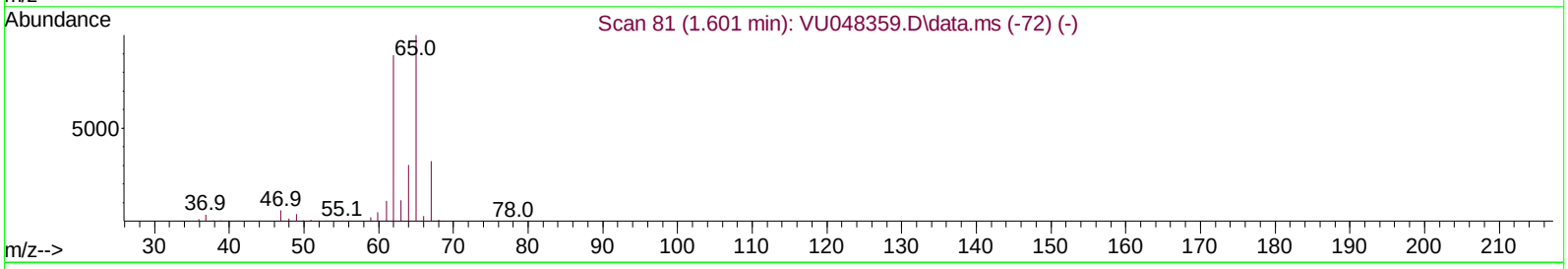
Instrument :
MSVOA_U
ClientSampleId :
EXL12

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 05/06/2022
Supervised By :Semsettin Yesilyurt 05/10/2022







TIC: VU048377.D\data.ms

(4) Vinyl Chloride-d3 (S)

1.597min (-0.003) 42.76 ug/L

response 84157

Ion	Exp%	Act%
65.10	100.00	100.00
67.10	31.30	32.46
0.00	0.00	0.00
0.00	0.00	0.00

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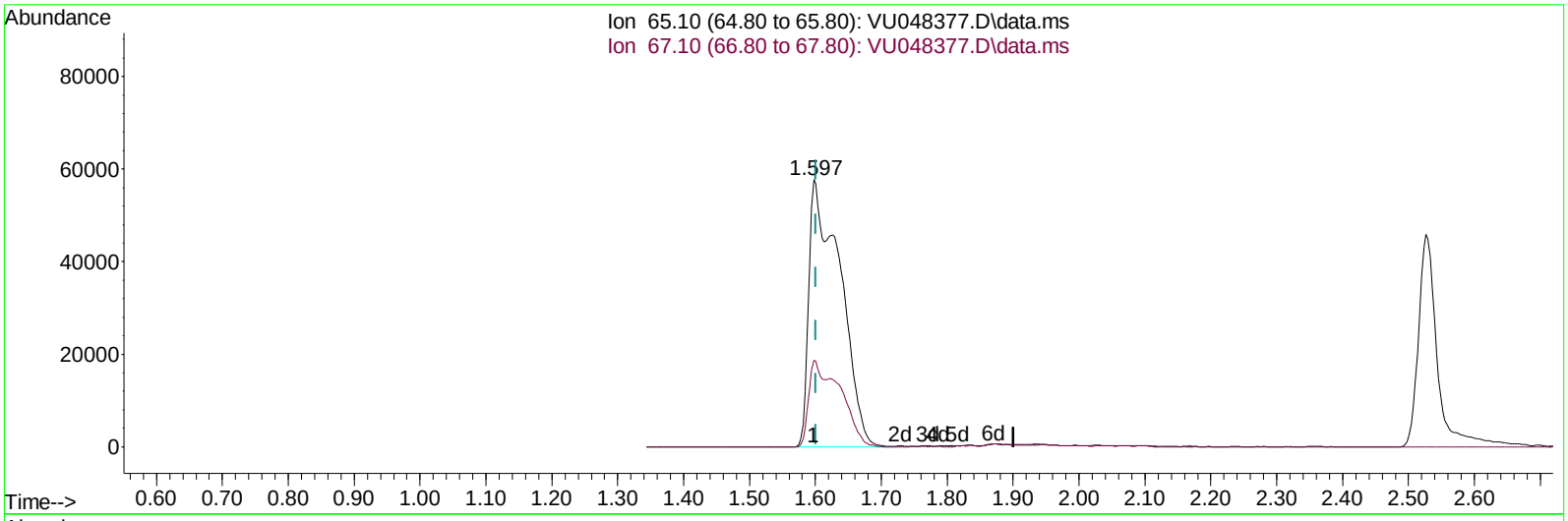

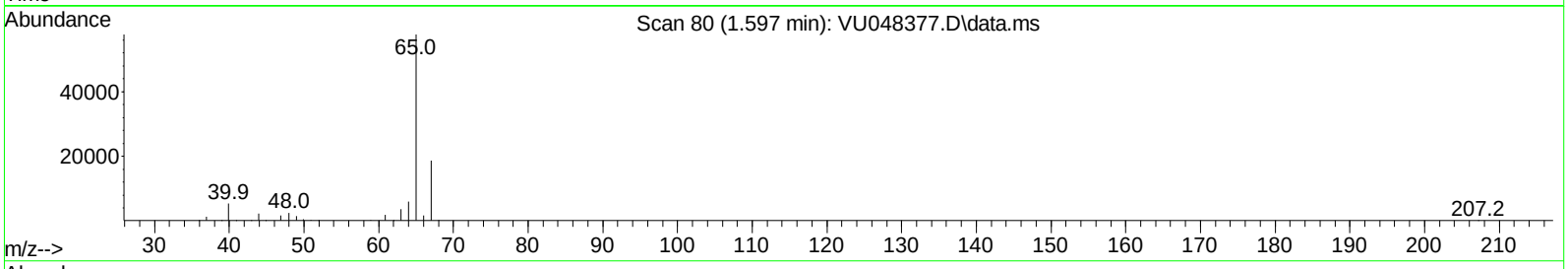

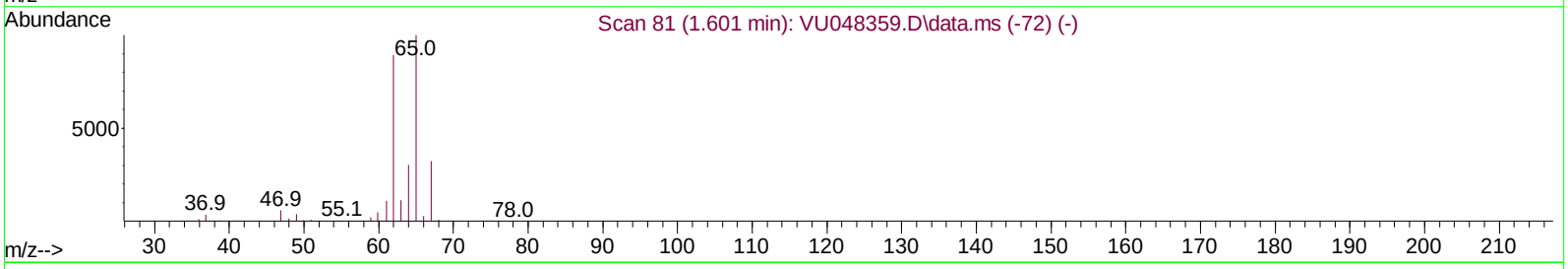

TIC: VU048377.D\data.ms

(4) Vinyl Chloride-d3 (S)

1.597min (-0.003) 96.38 ug/L m

response 189661

Ion	Exp%	Act%
65.10	100.00	100.00
67.10	31.30	14.41#
0.00	0.00	0.00
0.00	0.00	0.00

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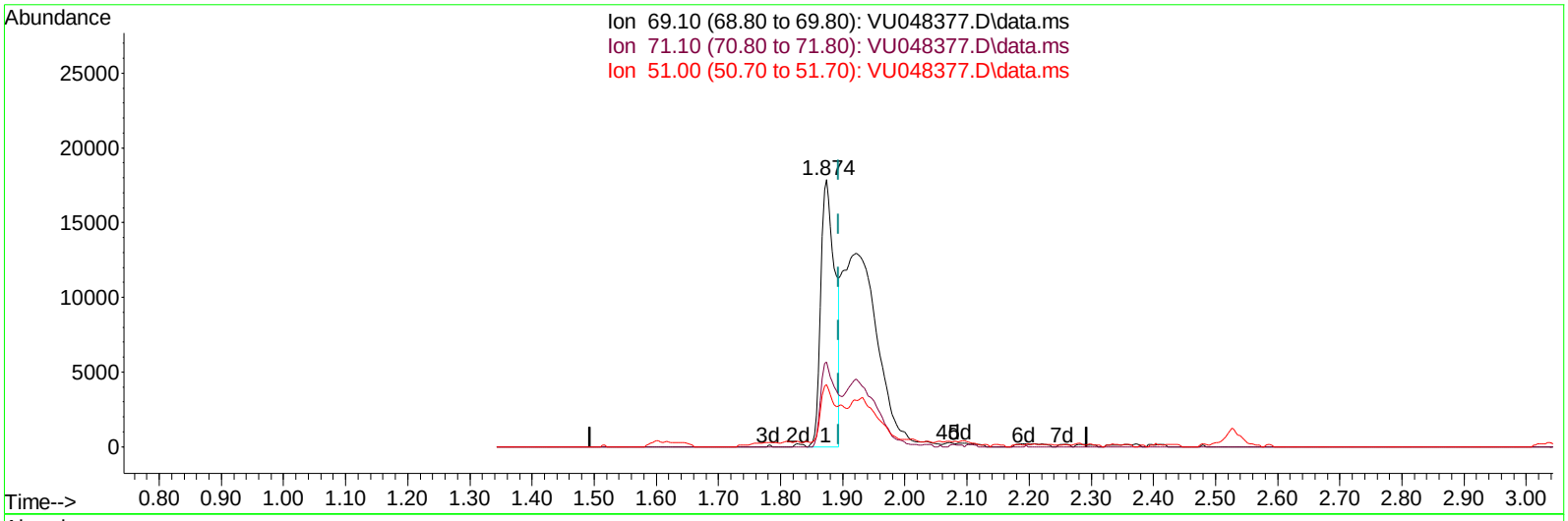

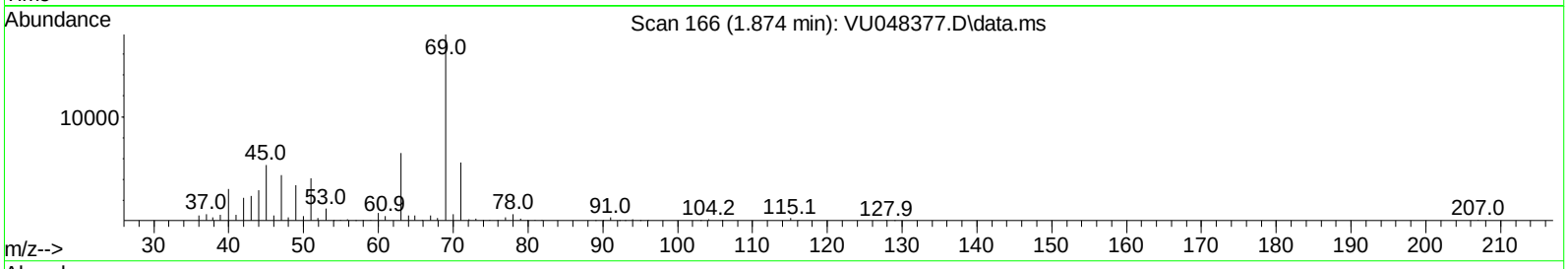

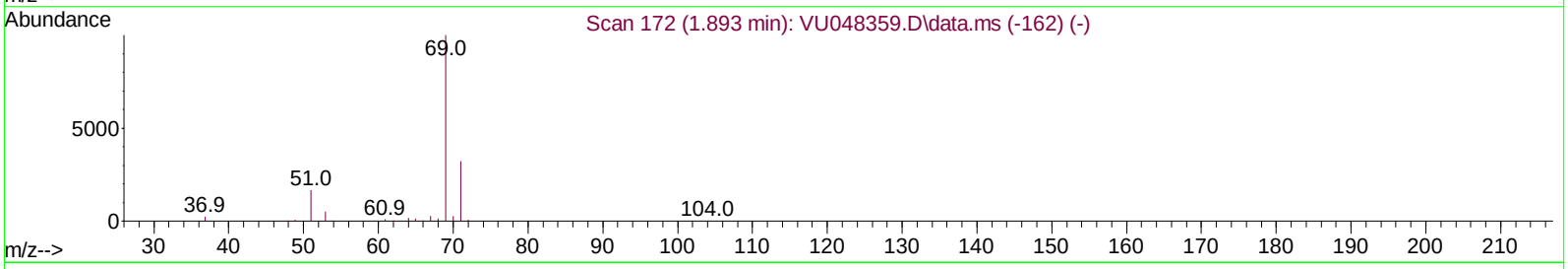

TIC: VU048377.D\data.ms

(7) Chloroethane-d5 (S)

1.874min (-0.019) 20.38 ug/L

response 28154

Ion	Exp%	Act%
69.10	100.00	100.00
71.10	31.60	36.78
51.00	22.10	19.99
0.00	0.00	0.00

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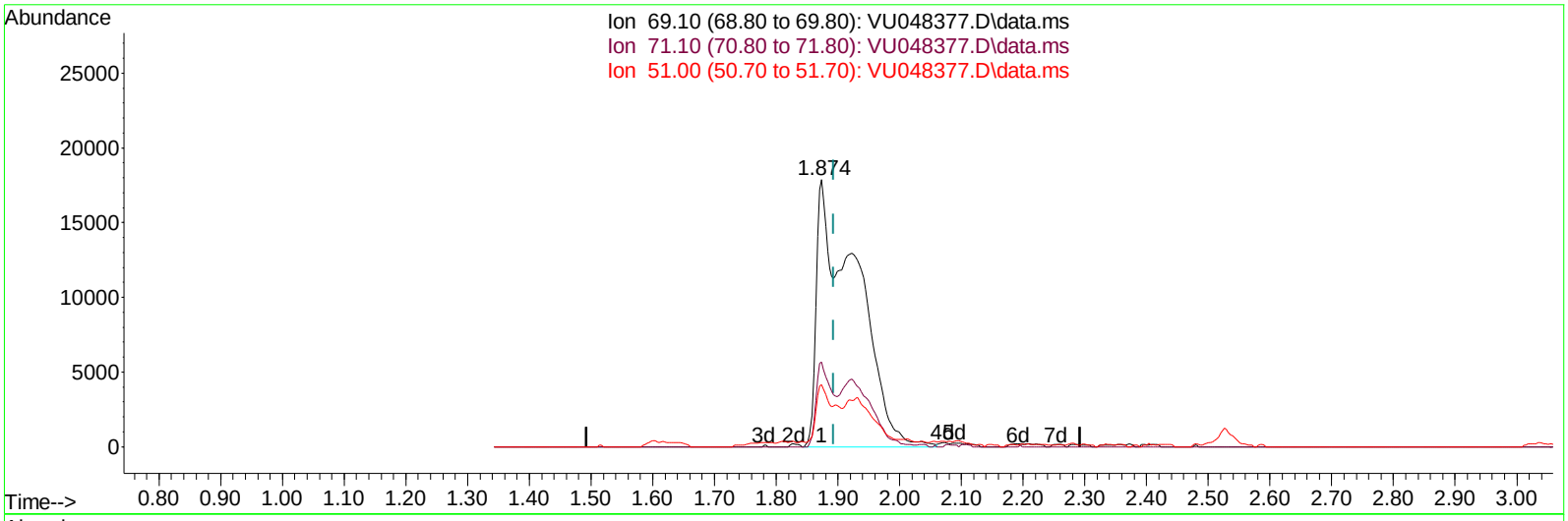

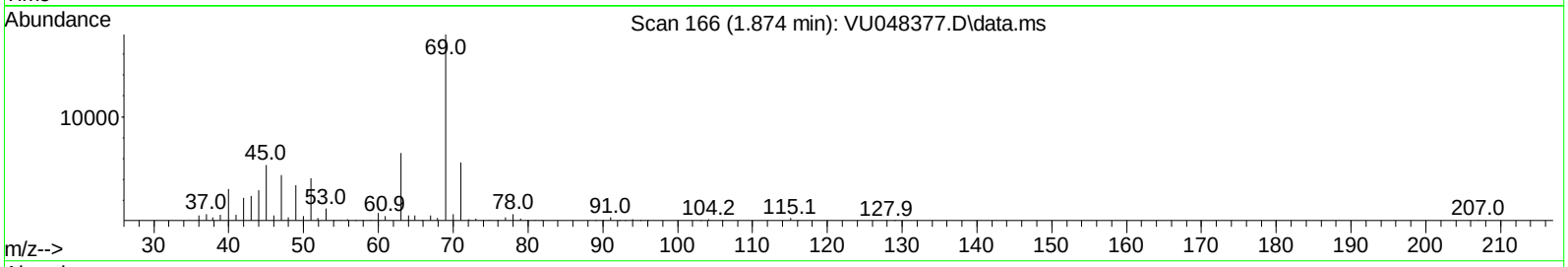

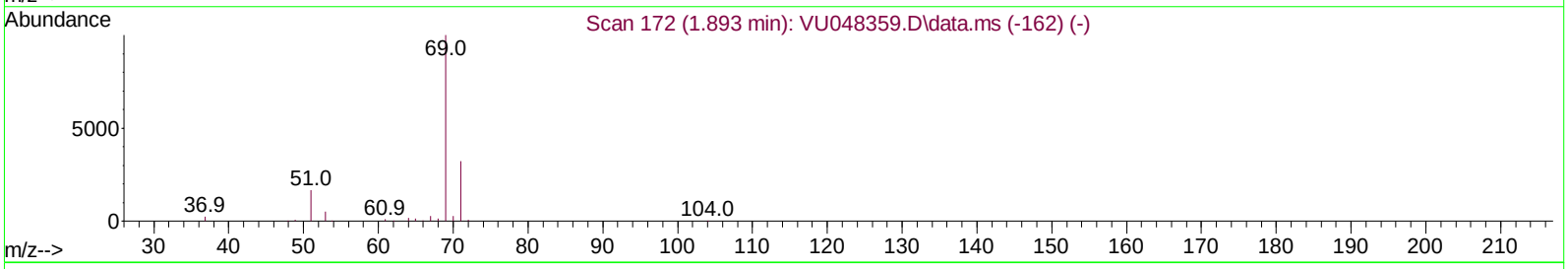

TIC: VU048377.D\data.ms

(7) Chloroethane-d5 (S)

1.874min (-0.019) 58.00 ug/L m

response 80112

Ion	Exp%	Act%
69.10	100.00	100.00
71.10	31.60	12.93#
51.00	22.10	7.02#
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	6.247	114	214004	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	218220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	108110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	189661m	96.376	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 192.760%#			
7) Chloroethane-d5	1.874	69	80112m	57.995	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.000%			
11) 1,1-Dichloroethene-d2	2.526	63	292075	92.629	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 185.260%#			
21) 2-Butanone-d5	4.639	46	544537	324.428	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 324.430%#			
24) Chloroform-d	5.063	84	517589	145.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 290.000%#			
26) 1,2-Dichloroethane-d4	5.703	65	336773	159.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 318.020%#			
32) Benzene-d6	5.719	84	1059264	153.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 307.820%#			
36) 1,2-Dichloropropane-d6	6.690	67	359016	157.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 315.580%#			
41) Toluene-d8	7.899	98	979010	156.932	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 313.860%#			
43) trans-1,3-Dichloroprop...	8.182	79	161909	161.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 322.520%#			
47) 2-Hexanone-d5	8.661	63	423600	345.066	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 345.070%#			
56) 1,1,2,2-Tetrachloroeth...	10.767	84	621585	155.765	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 311.540%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	424590	174.587	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 349.180%#			
Target Compounds						Qvalue
13) Acetone	2.652	43	17330	16.083	ug/L	82
15) Methyl Acetate	2.957	43	6977	3.262	ug/L	98
22) 2-Butanone	4.719	43	129417	81.222	ug/L	90
42) Toluene	7.970	91	13334	1.966	ug/L	99
46) Tetrachloroethene	8.549	164	2131	1.568	ug/L	89

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

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