

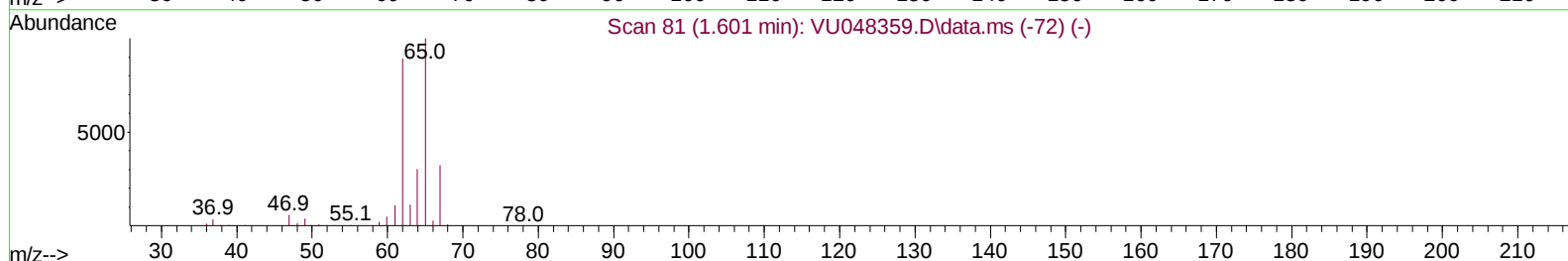
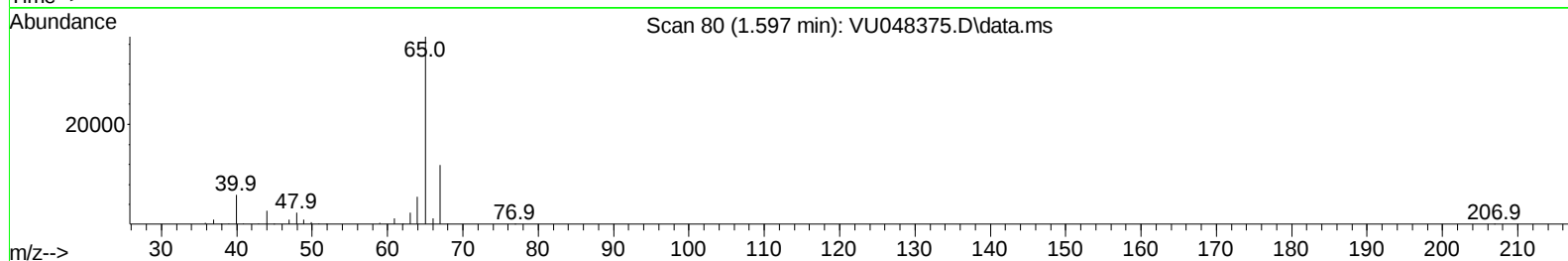
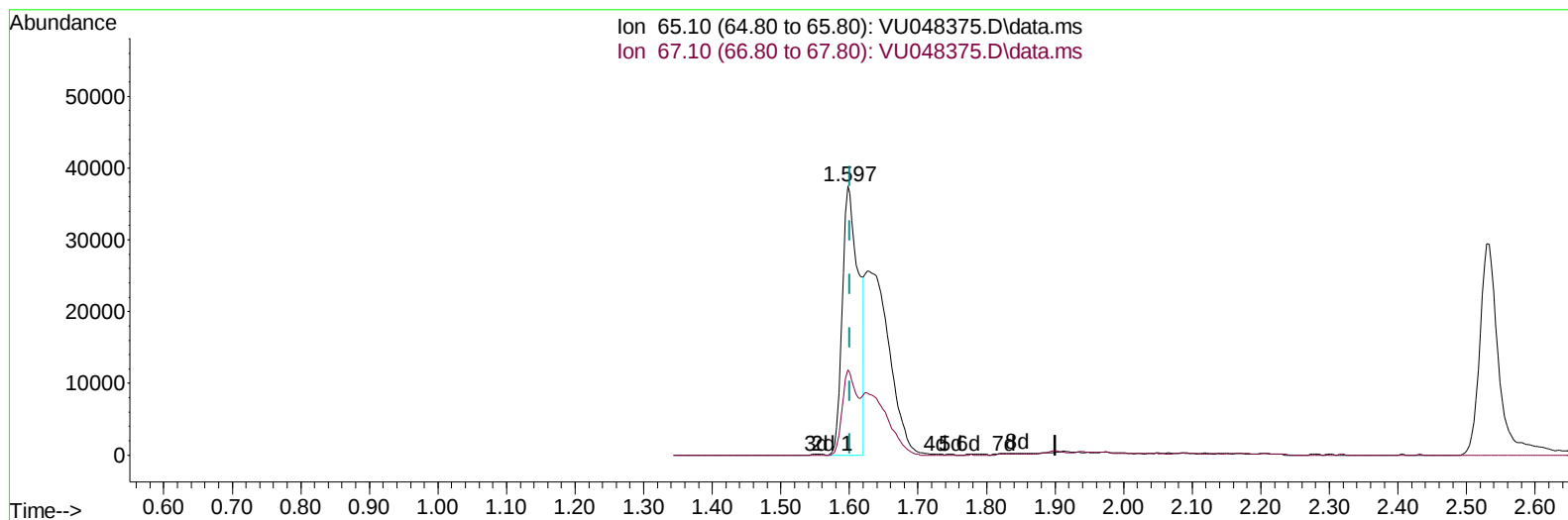
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
Data File : VU048375.D
Acq On : 02 May 2022 17:55
Operator : SY/MD
Sample : N2639-15
Misc : 5.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXL23

Manual IntegrationsAPPROVED

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

Quant Time: May 03 04:16:04 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



TIC: VU048375.D\data.ms

(4) Vinyl Chloride-d3 (S)

1.597min (-0.003) 14.32 ug/L

response 63058

Ion	Exp%	Act%
65.10	100.00	100.00
67.10	31.30	26.84
0.00	0.00	0.00
0.00	0.00	0.00

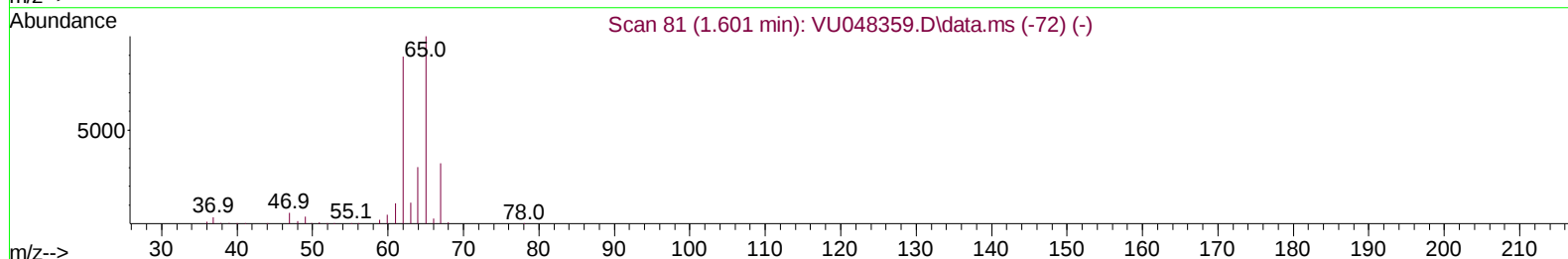
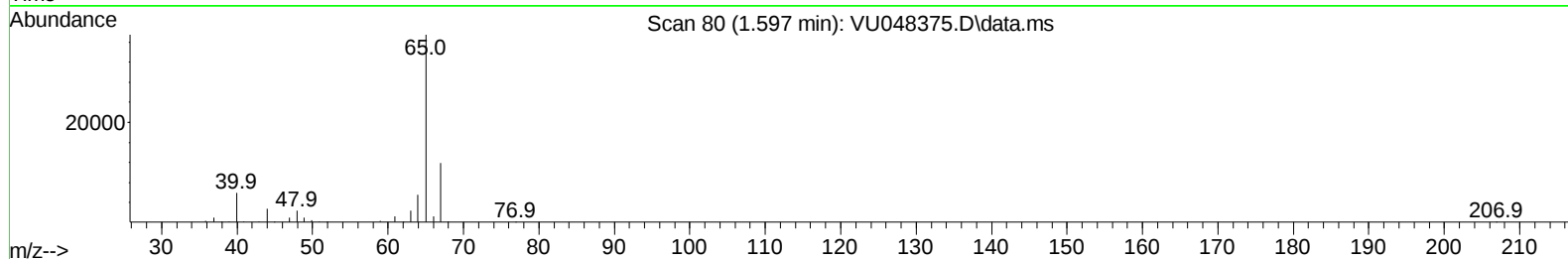
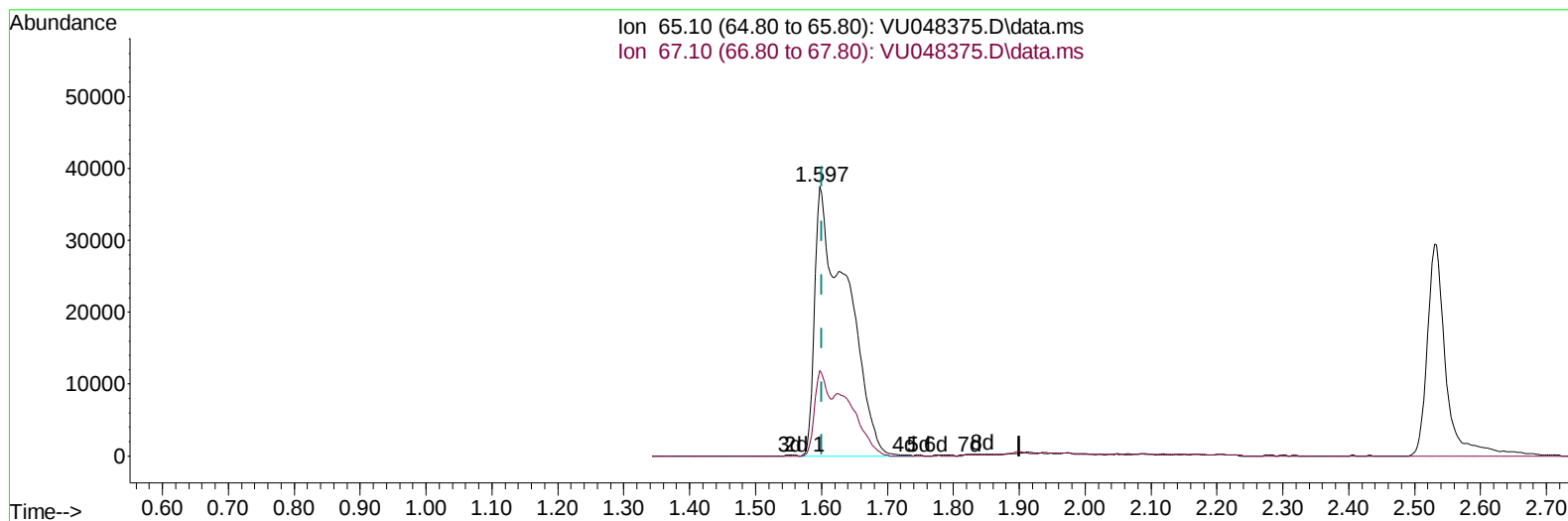
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(4) Vinyl Chloride-d3 (S)

1.597min (-0.003) 28.76 ug/L m

response 126688

Ion	Exp%	Act%
65.10	100.00	100.00
67.10	31.30	13.36#
0.00	0.00	0.00
0.00	0.00	0.00

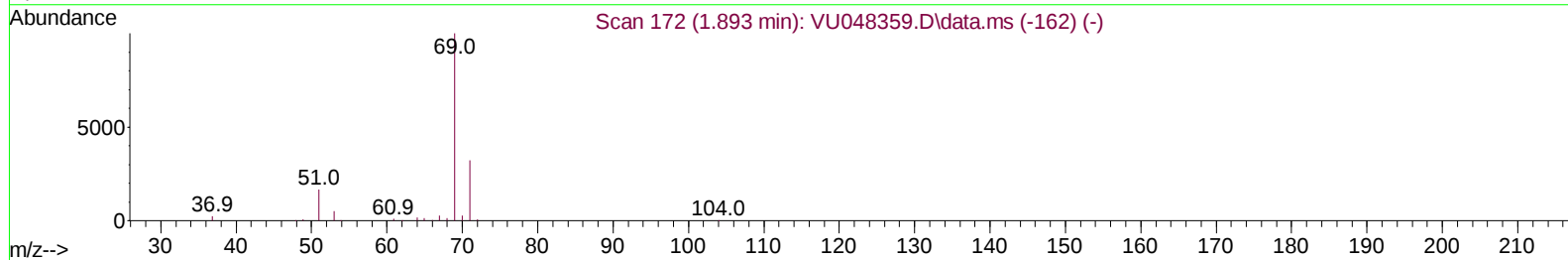
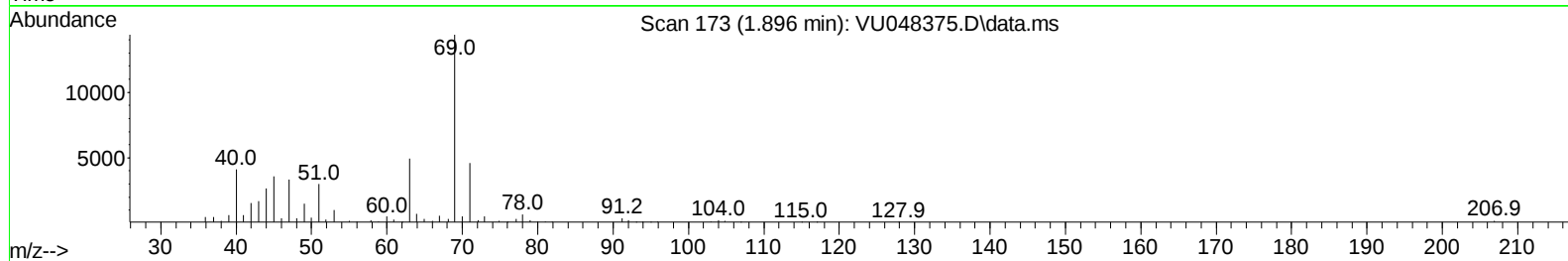
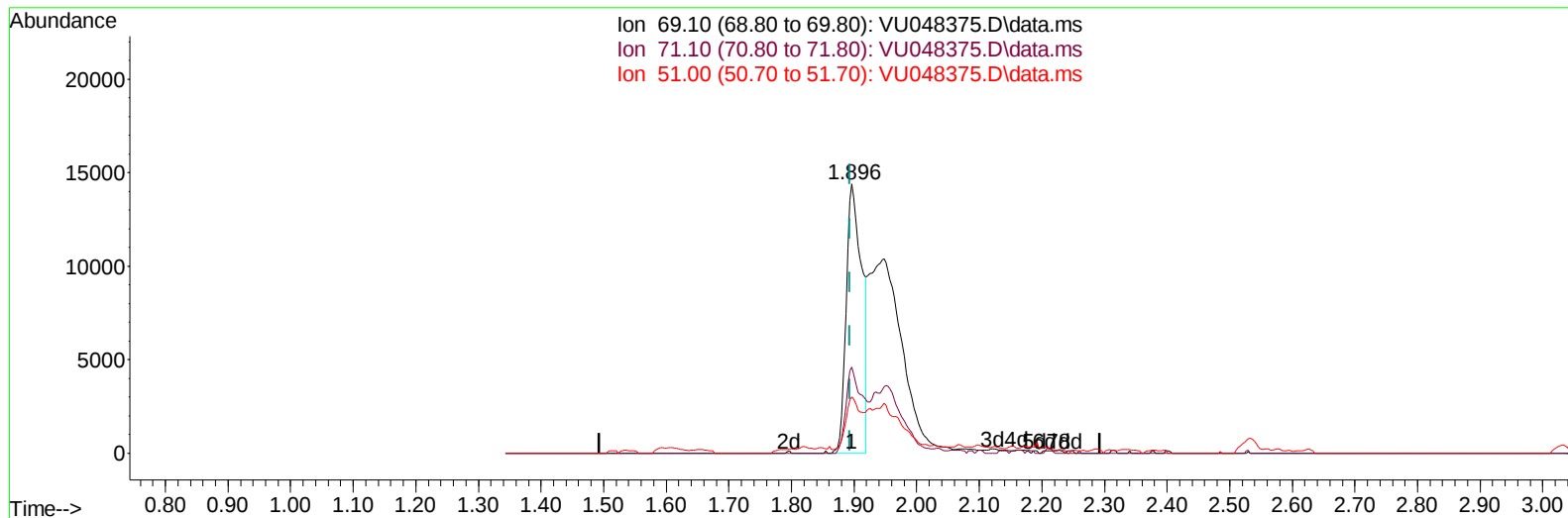
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TIC: VU048375.D\data.ms

(7) Chloroethane-d5 (S)

1.896min (+ 0.003) 8.14 ug/L

response 25152

Ion	Exp%	Act%
69.10	100.00	100.00
71.10	31.60	35.74
51.00	22.10	18.54
0.00	0.00	0.00

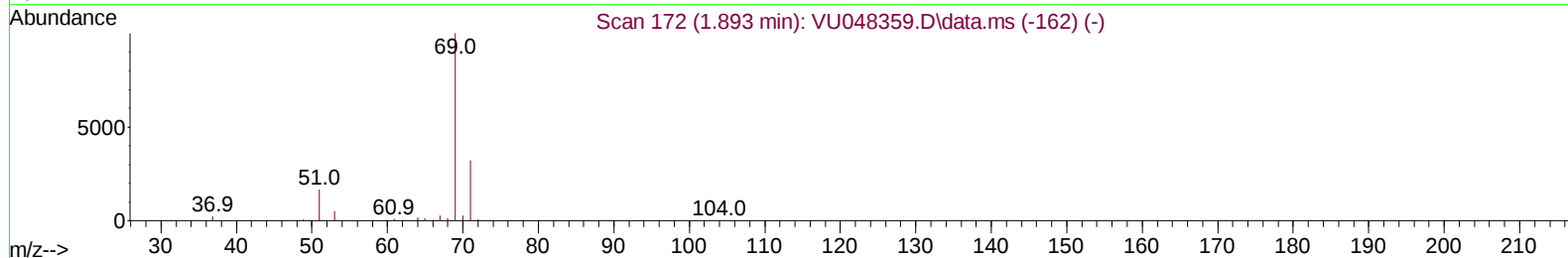
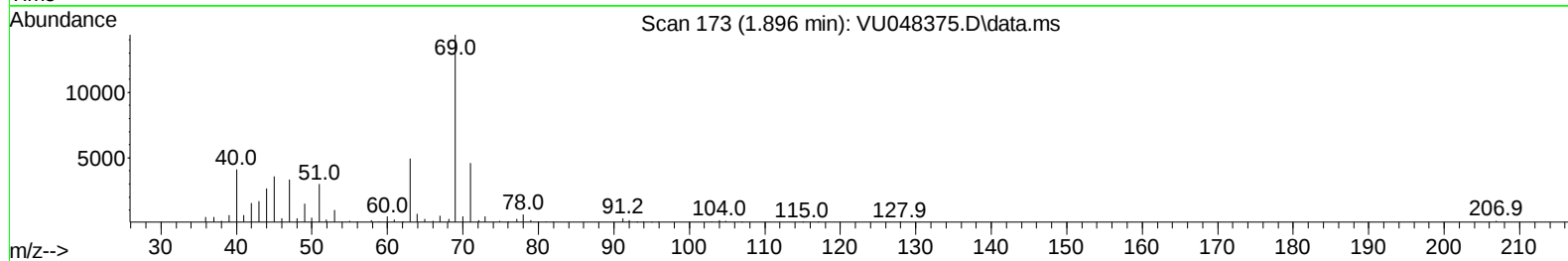
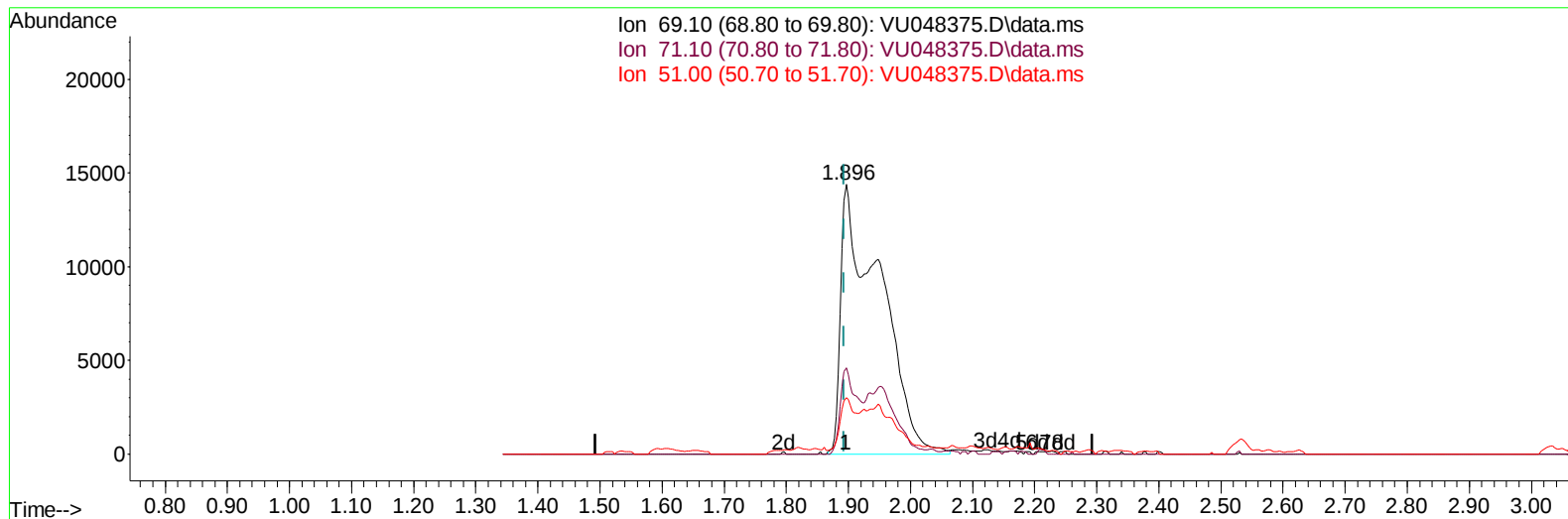
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TIC: VU048375.D\data.ms

(7) Chloroethane-d5 (S)

1.896min (+ 0.003) 20.48 ug/L m

response 63322

Ion	Exp%	Act%
69.10	100.00	100.00
71.10	31.60	14.20#
51.00	22.10	7.36#
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	6.247	114	478969	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	469665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	227110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	126688m	28.764	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.520%#		
7) Chloroethane-d5	1.896	69	63322m	20.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	40.960%#		
11) 1,1-Dichloroethene-d2	2.530	63	182650	25.881	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.760%#		
21) 2-Butanone-d5	4.652	46	331470	88.237	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.240%		
24) Chloroform-d	5.067	84	321515	40.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.480%		
26) 1,2-Dichloroethane-d4	5.703	65	212188	44.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.520%		
32) Benzene-d6	5.723	84	667958	45.094	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.180%		
36) 1,2-Dichloropropane-d6	6.690	67	224892	45.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.840%		
41) Toluene-d8	7.899	98	606674	45.184	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.360%		
43) trans-1,3-Dichloroprop...	8.186	79	98402	45.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.080%		
47) 2-Hexanone-d5	8.674	63	242933	91.947	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.950%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	358309	41.719	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.440%		
66) 1,2-Dichlorobenzene-d4	12.198	152	252748	49.472	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.940%		
Target Compounds						
					Qvalue	
13) Acetone	2.658	43	12910	5.353	ug/L	94
15) Methyl Acetate	2.967	43	5248	1.096	ug/L #	83
22) 2-Butanone	4.732	43	99659	27.945	ug/L	96

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

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