

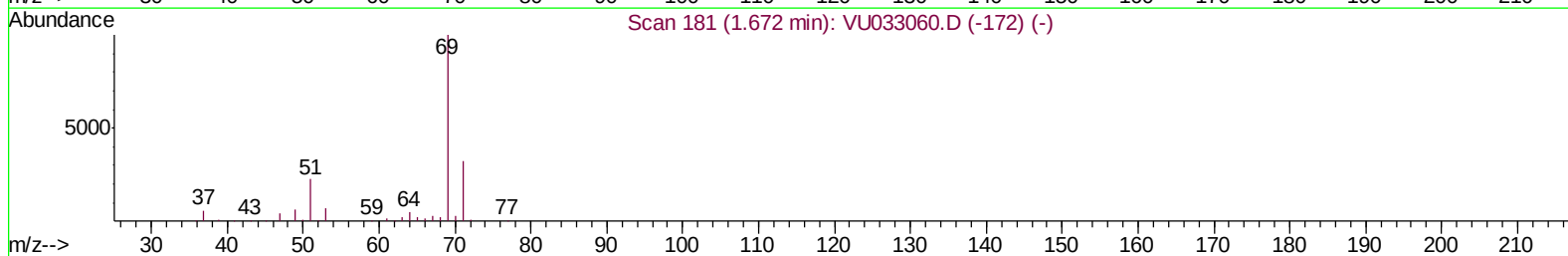
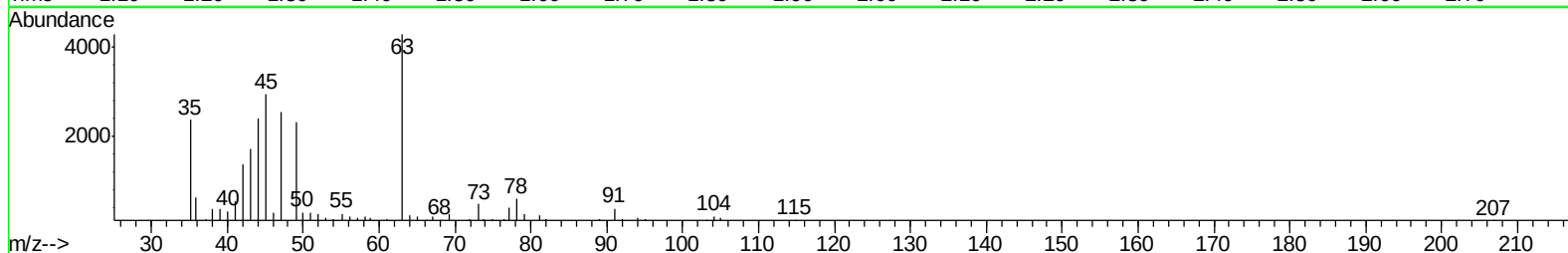
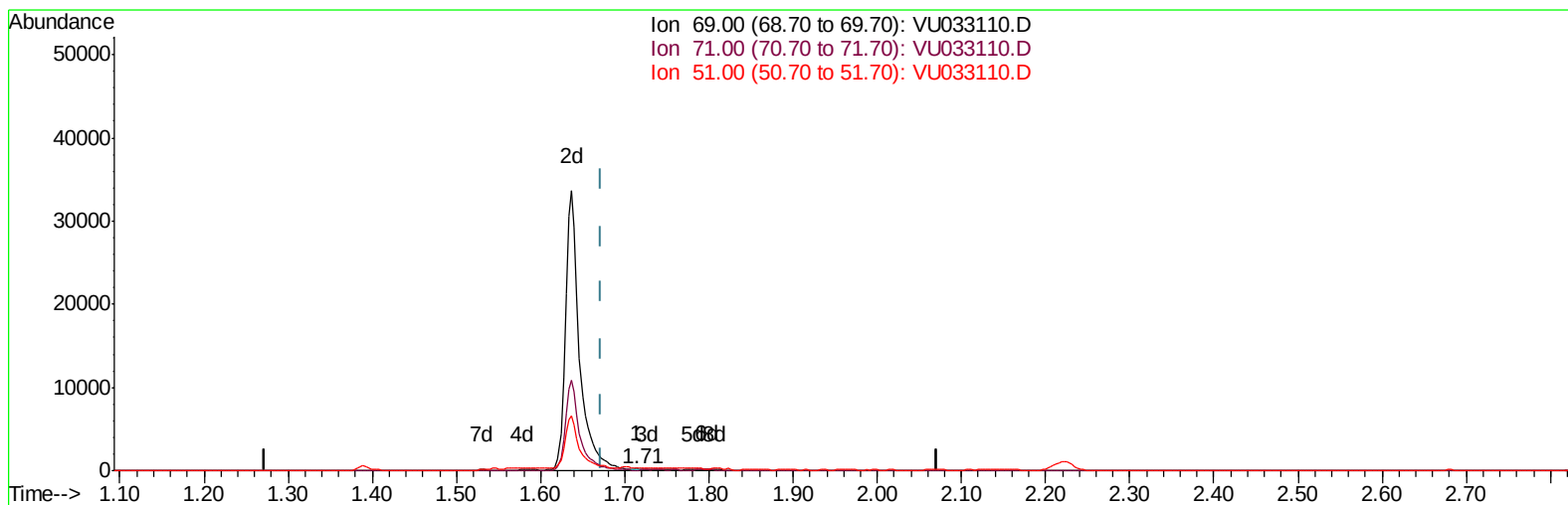
Data File : VU033110.D
Acq On : 01 Jul 2019 13:12
Operator : JC/SP
Sample : K3599-22
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM29

Manual Integrations
APPROVED

MMDadoda
7/3/2019 8:59:56 AM

Quant Time: Jul 02 04:20:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration



TIC: VU033110.D

(7) Chloroethane-d5 (S)

1.714min (+0.041) 0.03ug/L

response 35

Ion	Exp%	Act%
69.00	100	100
71.00	31.30	0.00#
51.00	30.80	382.86#
0.00	0.00	0.00

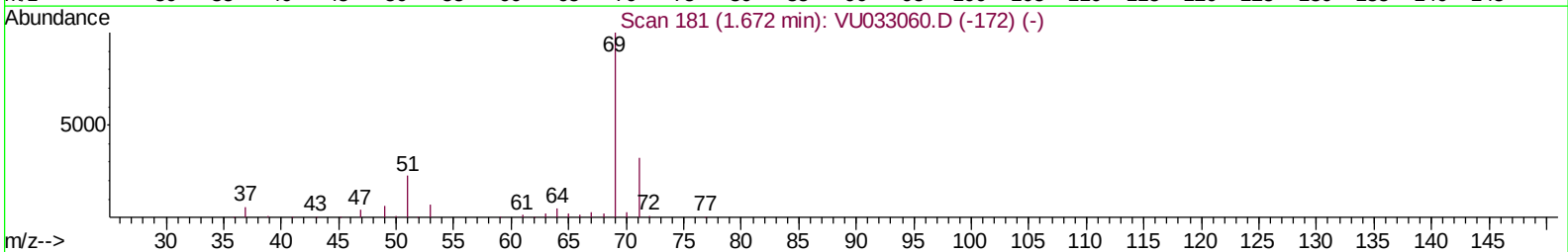
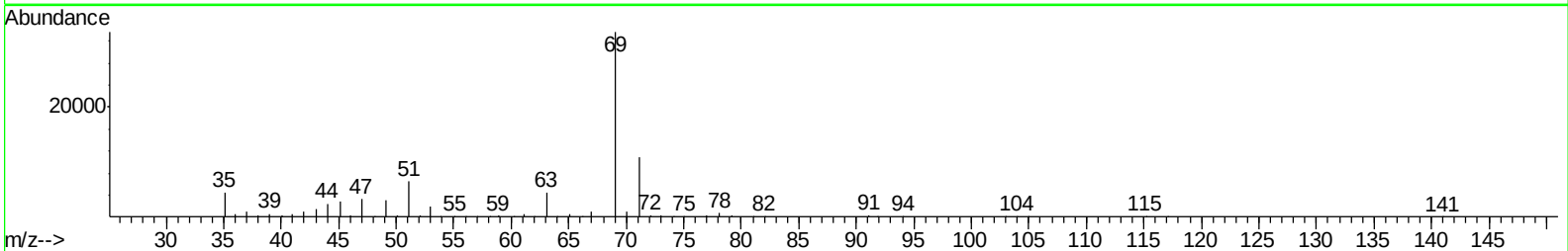
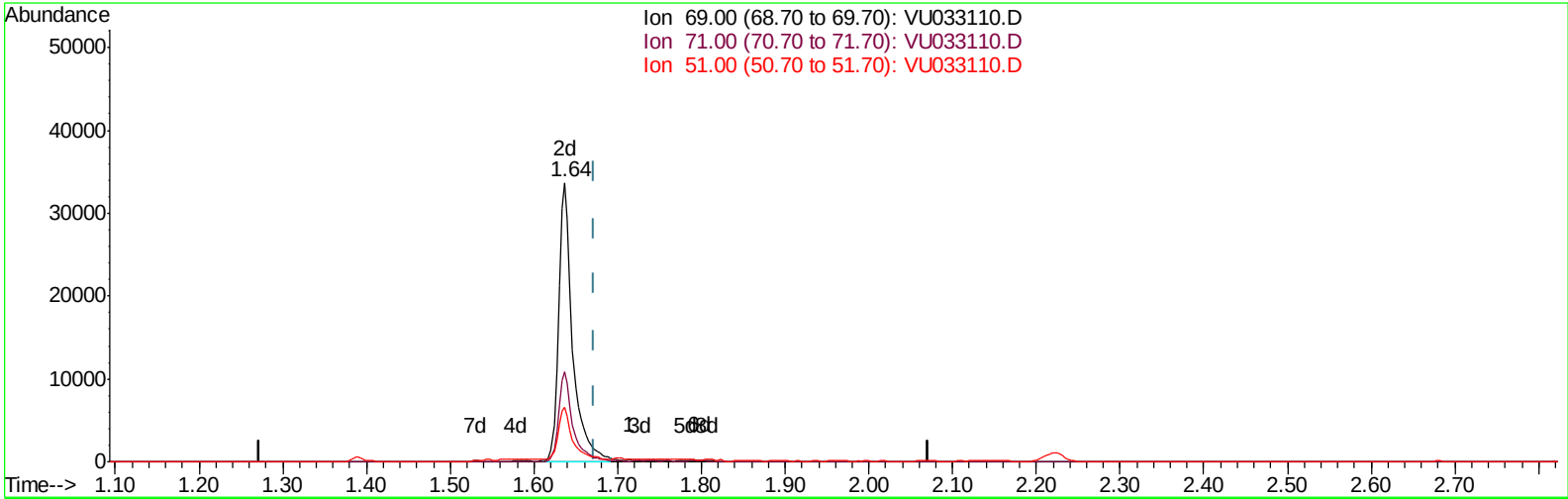
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TIC: VU033110.D

(7) Chloroethane-d5 (S)

1.637min (-0.036) 33.99ug/L m

response 39599

Ion	Exp%	Act%
69.00	100	100
71.00	31.30	0.00#
51.00	30.80	0.34#
0.00	0.00	0.00

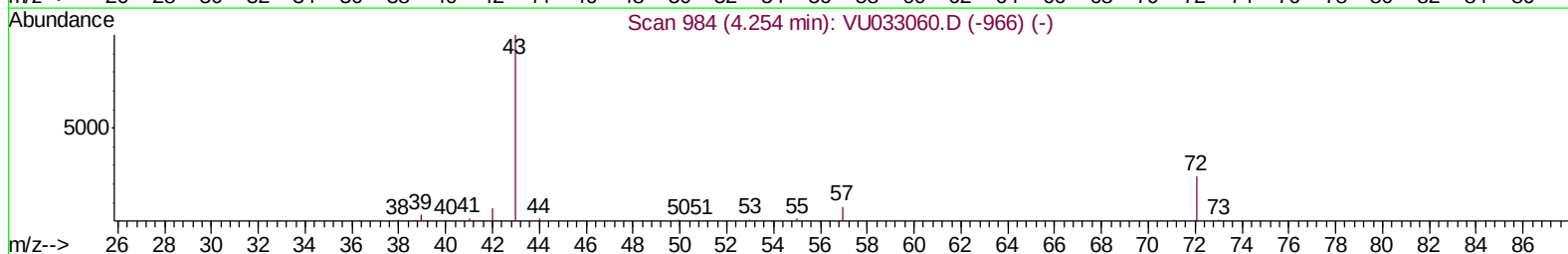
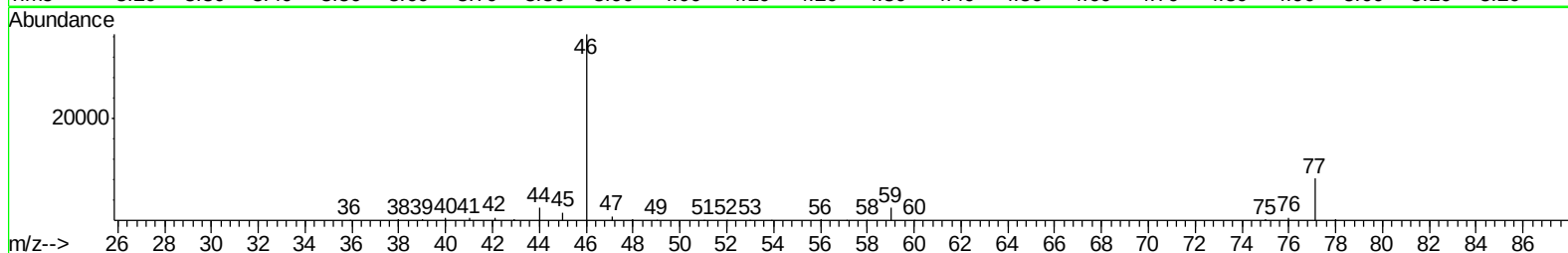
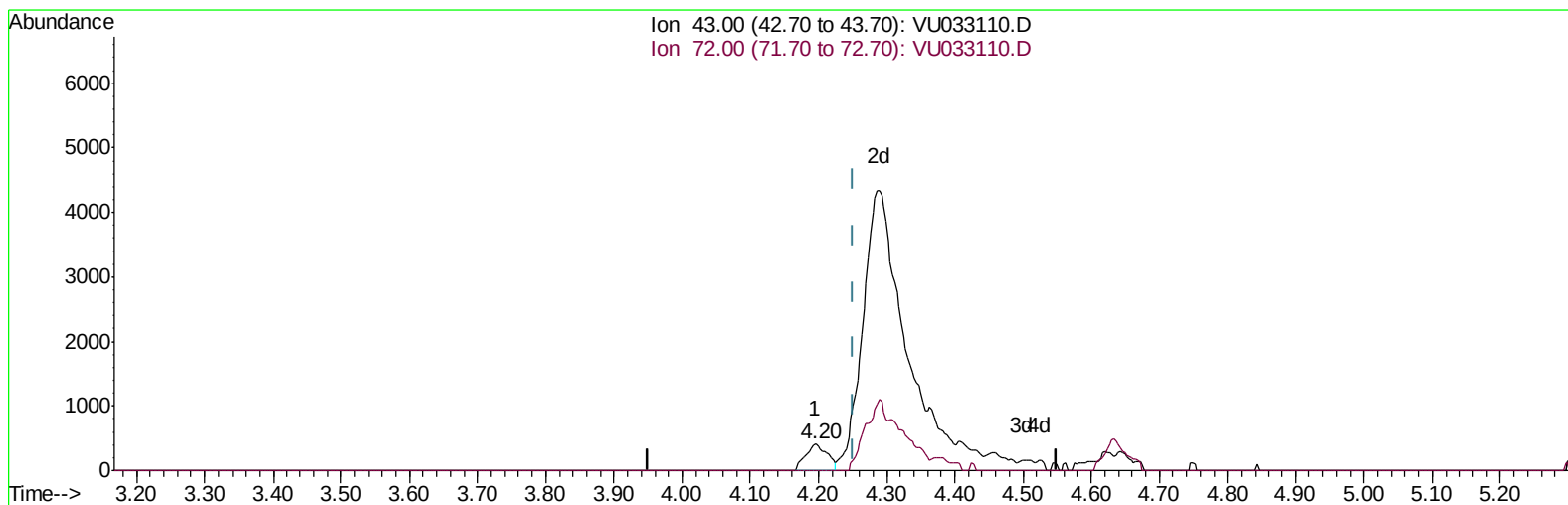
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TIC: VU033110.D

(22) 2-Butanone (T)
4.196min (-0.055) 0.52ug/L

response 909

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	83.50#
0.00	0.00	0.00
0.00	0.00	0.00

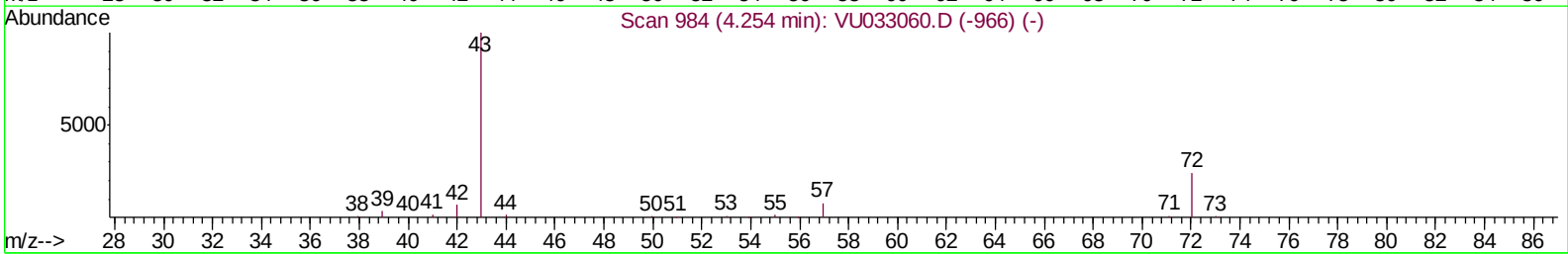
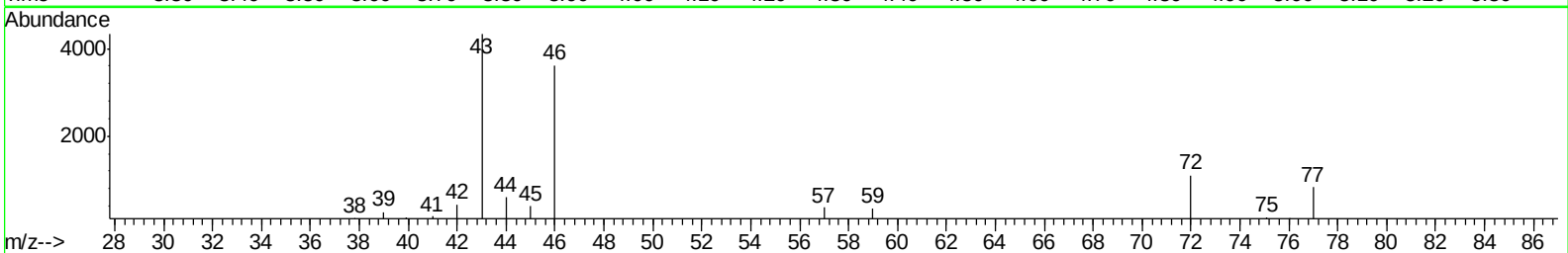
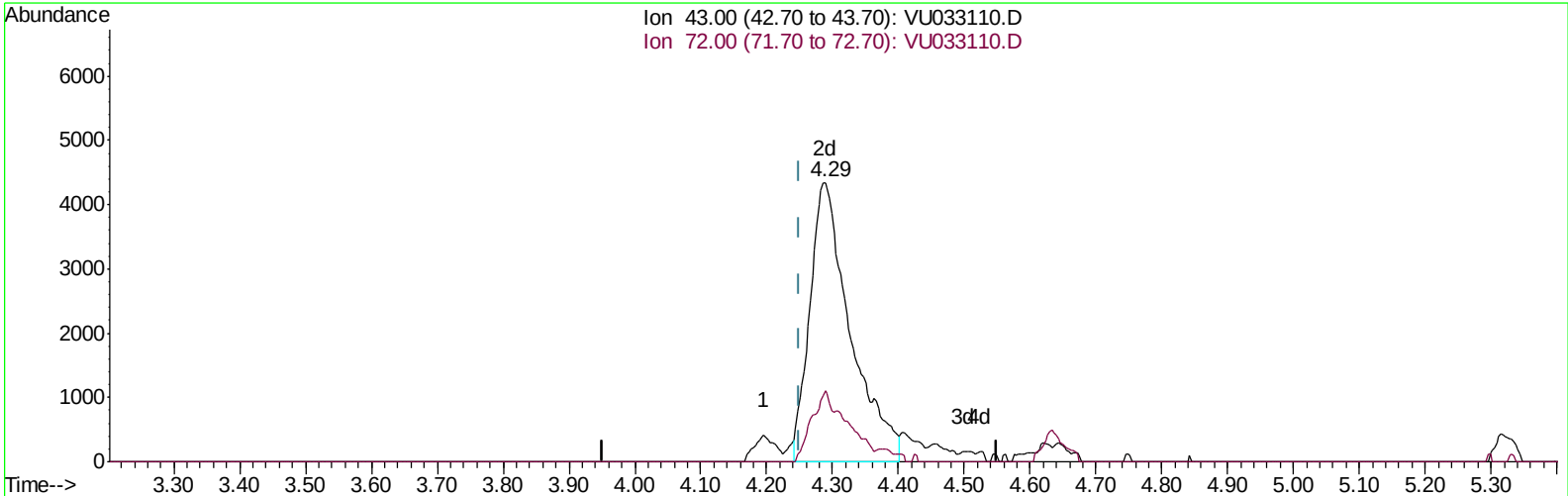
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TIC: VU033110.D

(22) 2-Butanone (T)
4.289min (+0.038) 10.64ug/L m

response 18510

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	4.10#
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Jul 02 06:55:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	213720	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214855	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105497	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57504	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.74%
7) Chloroethane-d5	1.64	69	39599m	33.99	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.98%#
11) 1,1-Dichloroethene-d2	2.22	63	102336	34.78	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.56%
21) 2-Butanone-d5	4.19	46	140678	115.72	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.72%
24) Chloroform-d	4.63	84	139847	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
26) 1,2-Dichloroethane-d4	5.30	65	100777	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.56%
32) Benzene-d6	5.32	84	268860	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.32	67	89563	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.56	98	239771	45.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.42%
43) trans-1,3-Dichloropropene-	7.85	79	42219	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.32	63	85967	103.19	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143745	52.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	99034	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds					Qvalue
22) 2-Butanone	4.29	43	18510m	10.636	ug/L

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

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