

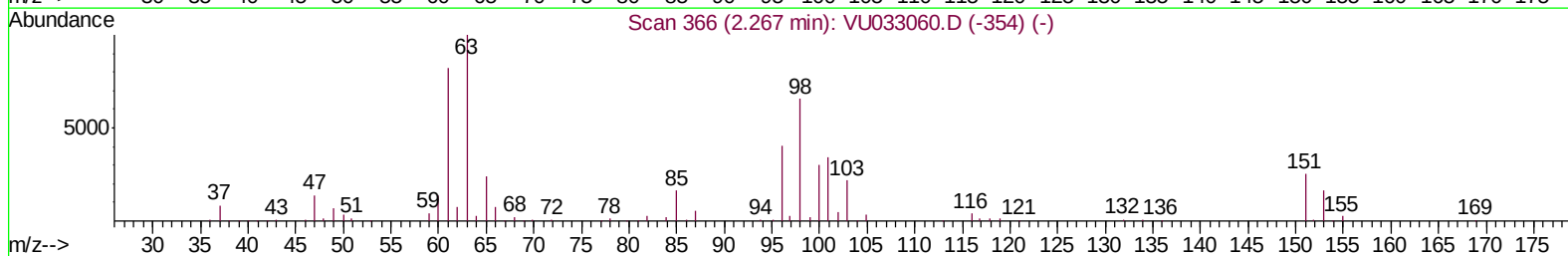
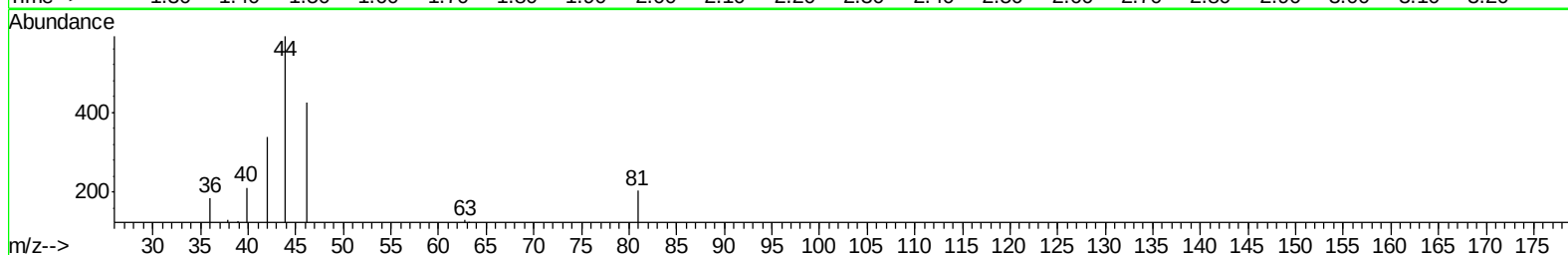
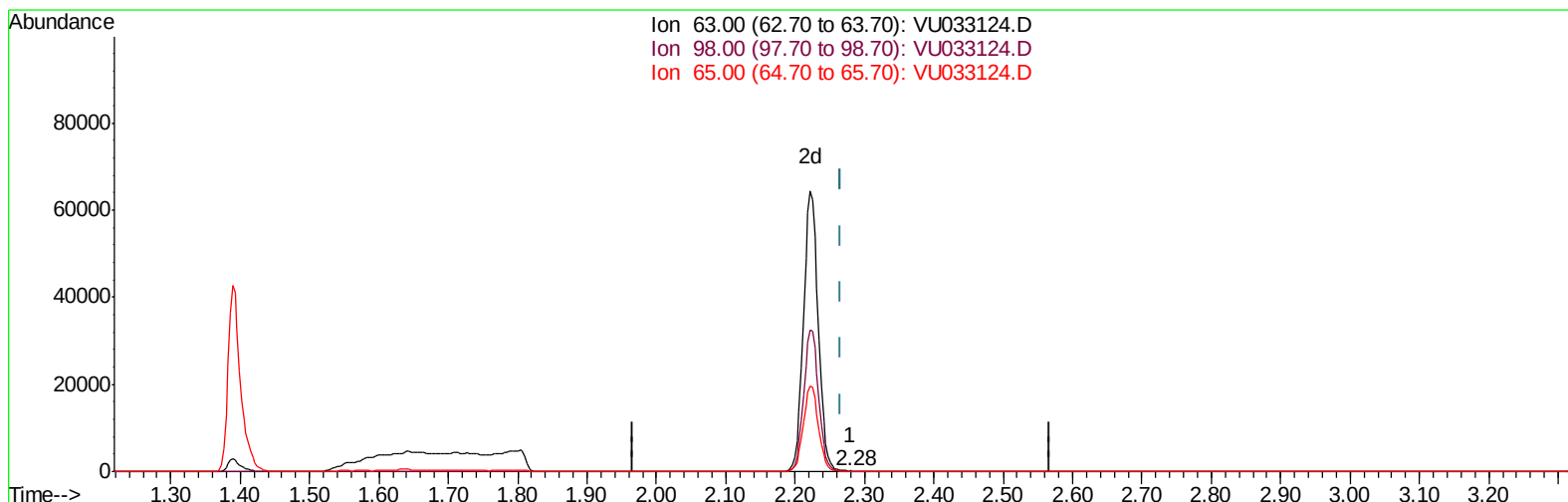
Data File : VU033124.D
Acq On : 01 Jul 2019 18:56
Operator : JC/SP
Sample : K3599-16
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM25

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:03:22 AM

Quant Time: Jul 02 04:22:55 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: VU033124.D

(11) 1,1-Dichloroethene-d2 (S)

2.280min (+0.013) 0.01ug/L

response 27

Ion	Exp%	Act%
63.00	100	100
98.00	69.60	0.00#
65.00	23.50	0.00#
0.00	0.00	0.00

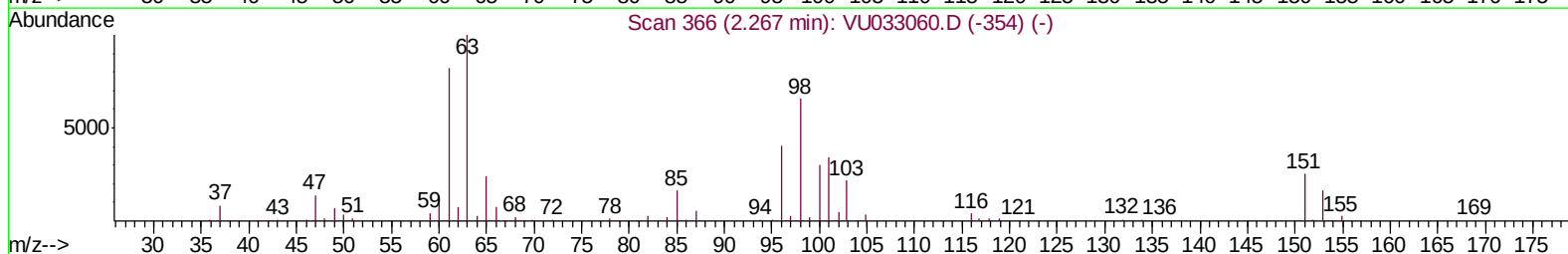
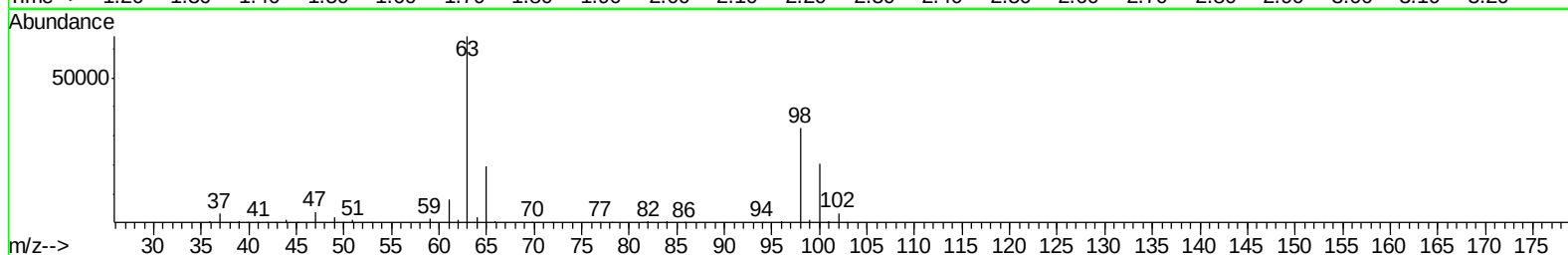
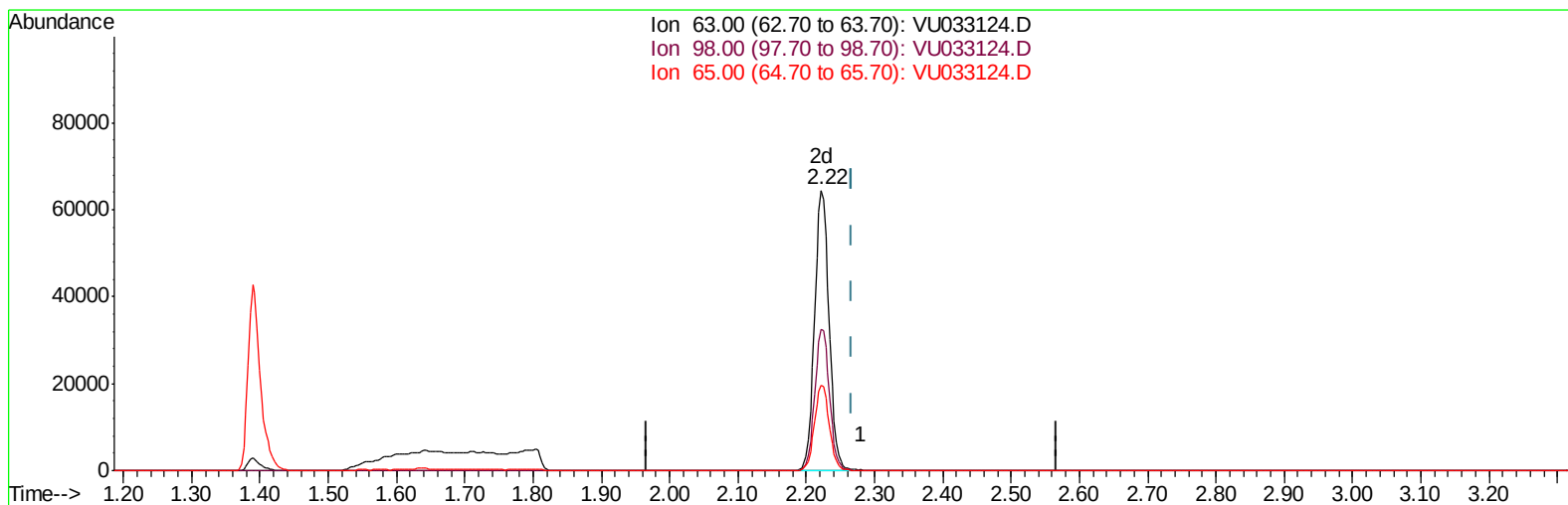
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TIC: VU033124.D

(11) 1,1-Dichloroethene-d2 (S)

2.222min (-0.045) 30.33ug/L m

response 95175

Ion	Exp%	Act%
63.00	100	100
98.00	69.60	0.00#
65.00	23.50	0.00#
0.00	0.00	0.00

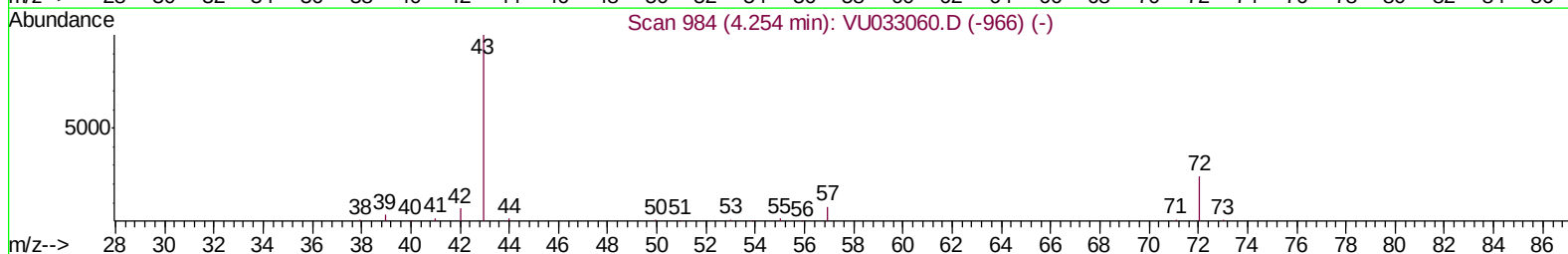
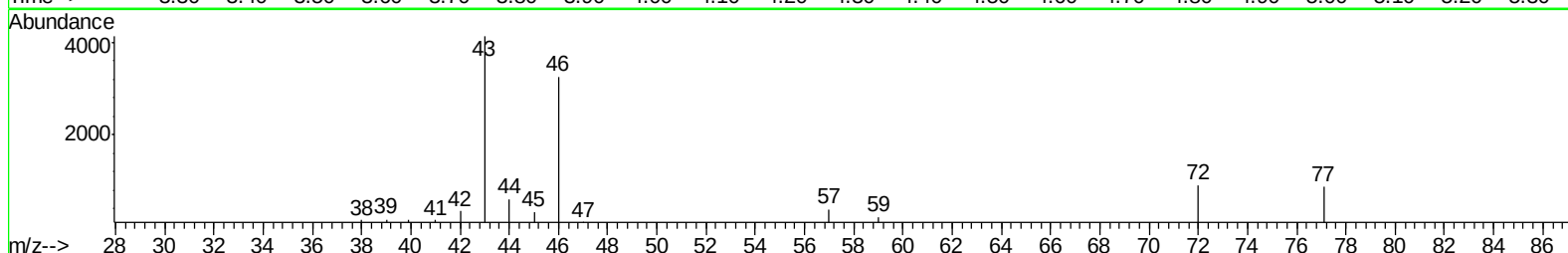
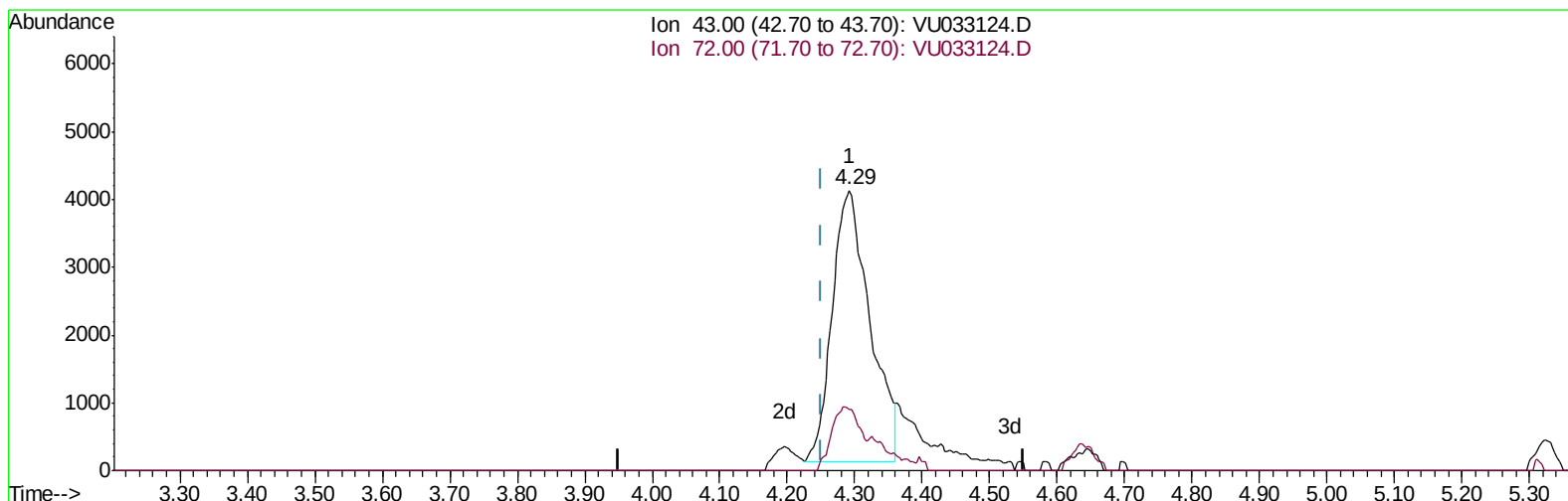
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TIC: VU033124.D

(22) 2-Butanone (T)
4.292min (+0.041) 8.37ug/L
response 15538

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	17.76
0.00	0.00	0.00
0.00	0.00	0.00

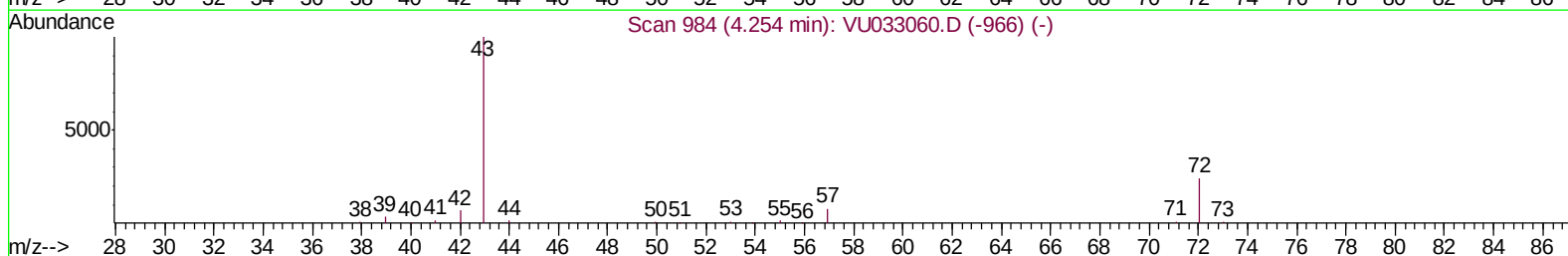
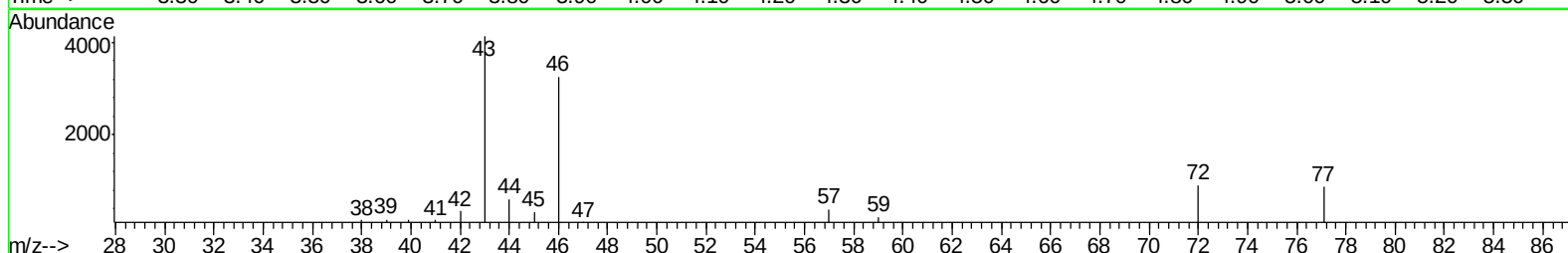
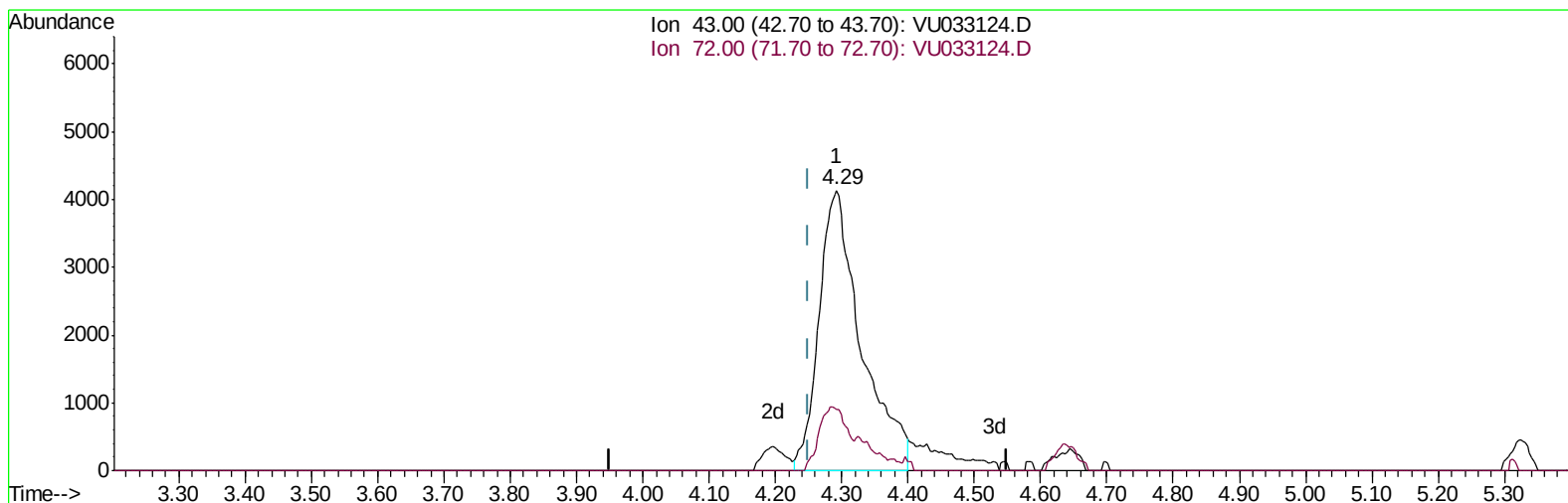
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TIC: VU033124.D

(22) 2-Butanone (T)
4.292min (+0.041) 9.87ug/L m
response 18317

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	15.07
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	227931	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227327	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112781	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53377	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.54%
7) Chloroethane-d5	1.64	69	38112	30.68	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.36%#
11) 1,1-Dichloroethene-d2	2.22	63	95175m	30.33	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.66%
21) 2-Butanone-d5	4.19	46	142777	110.12	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.12%
24) Chloroform-d	4.63	84	139811	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.30	65	101798	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
32) Benzene-d6	5.32	84	262107	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
36) 1,2-Dichloropropane-d6	6.32	67	88234	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.48%
41) Toluene-d8	7.56	98	236381	42.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.18%
43) trans-1,3-Dichloropropene-	7.85	79	41218	41.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.94%
47) 2-Hexanone-d5	8.32	63	87176	98.90	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	141745	48.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	99298	45.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds					Qvalue
22) 2-Butanone	4.29	43	18317m	9.869	ug/L
34) Trichloroethene	6.18	95	10863	6.208	ug/L
46) Tetrachloroethene	8.22	164	5374	3.748	ug/L

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

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