

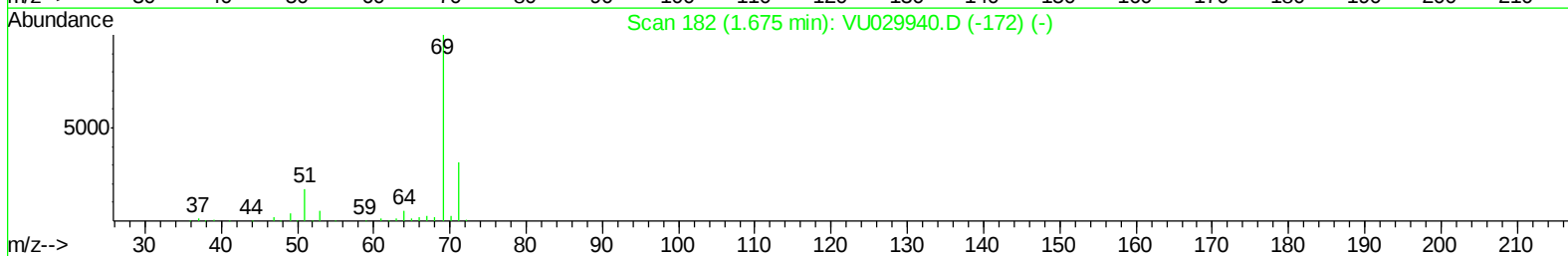
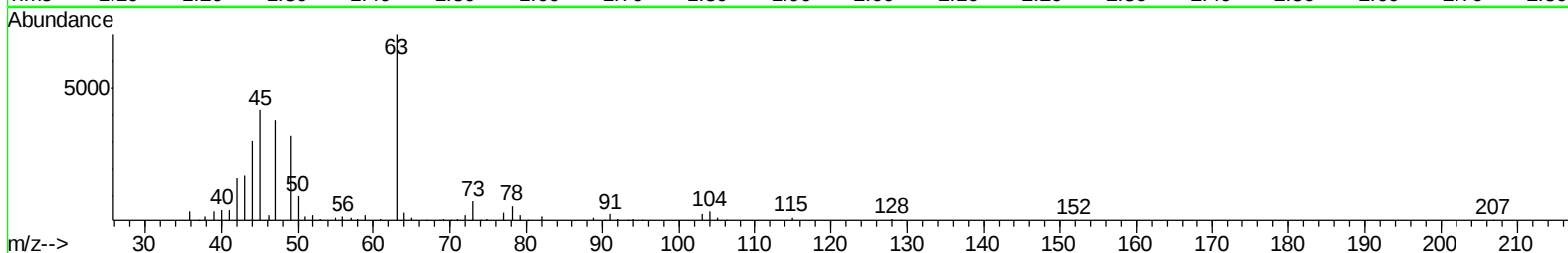
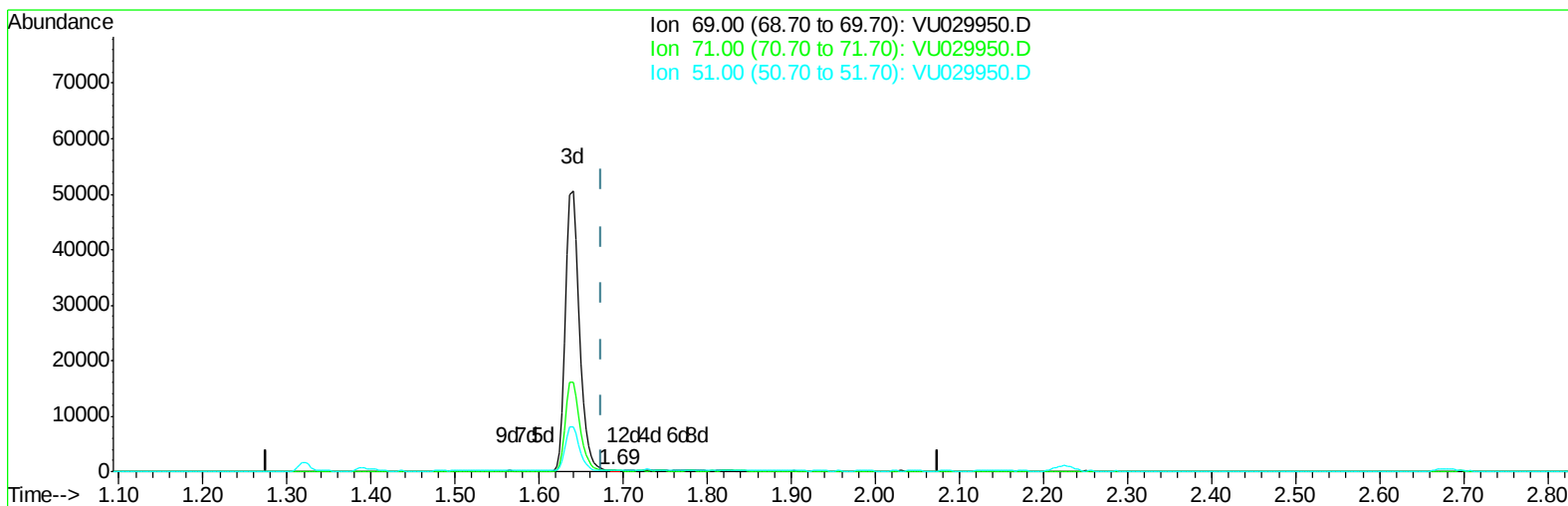
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
Data File : VU029950.D
Acq On : 10 Mar 2019 15:39
Operator : JC/SP
Sample : K1818-13ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0R3ME

Manual Integrations
APPROVED

MMDadoda
3/11/2019 11:48:11 AM

Quant Time: Mar 11 07:14:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration



TIC: VU029950.D

(7) Chloroethane-d5 (S)

1.688min (+0.013) 0.03ug/L

response 91

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	0.00#
51.00	24.10	0.00#
0.00	0.00	0.00

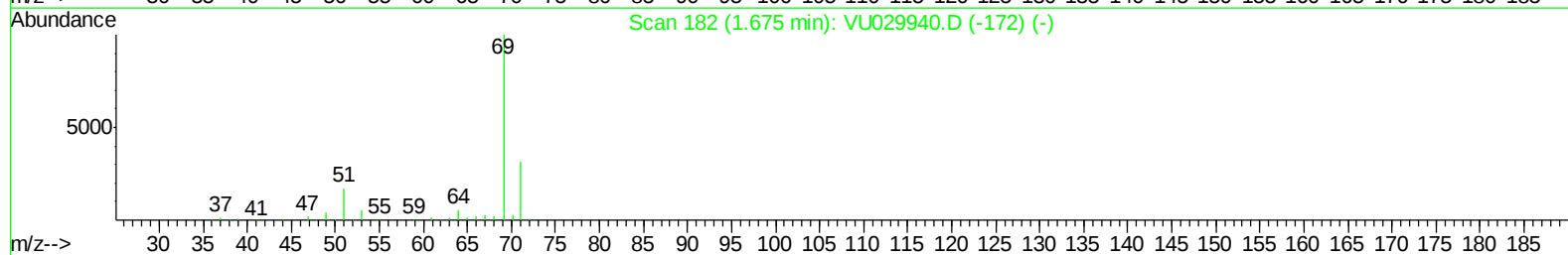
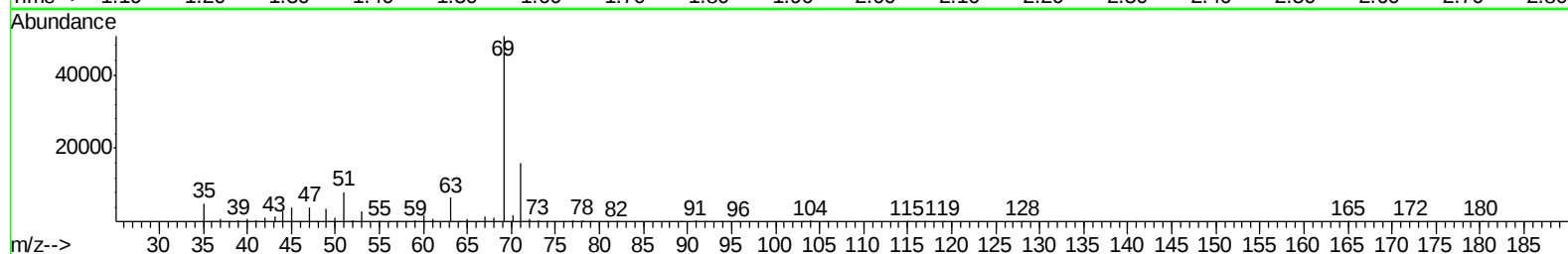
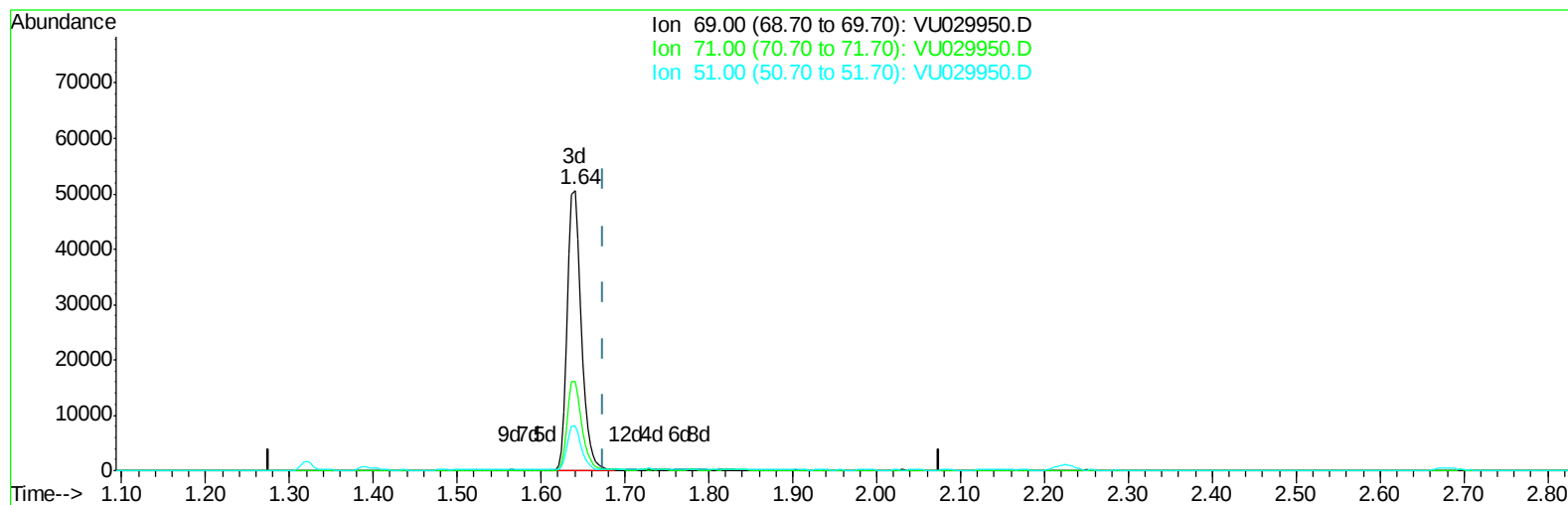
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TIC: VU029950.D

(7) Chloroethane-d5 (S)

1.640min (-0.035) 19.27ug/L m

response 57999

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	0.00#
51.00	24.10	0.00#
0.00	0.00	0.00

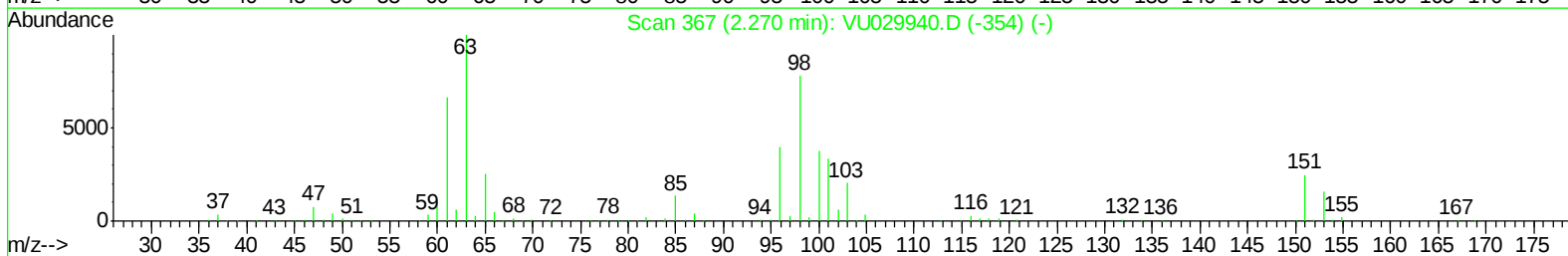
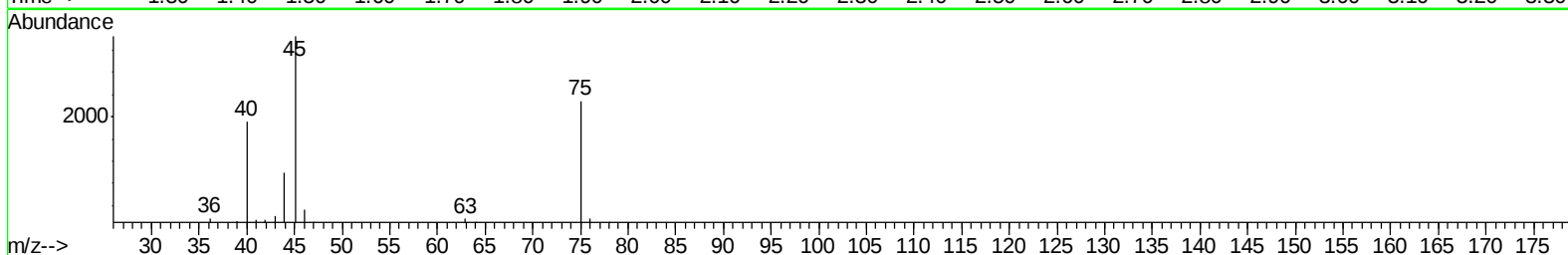
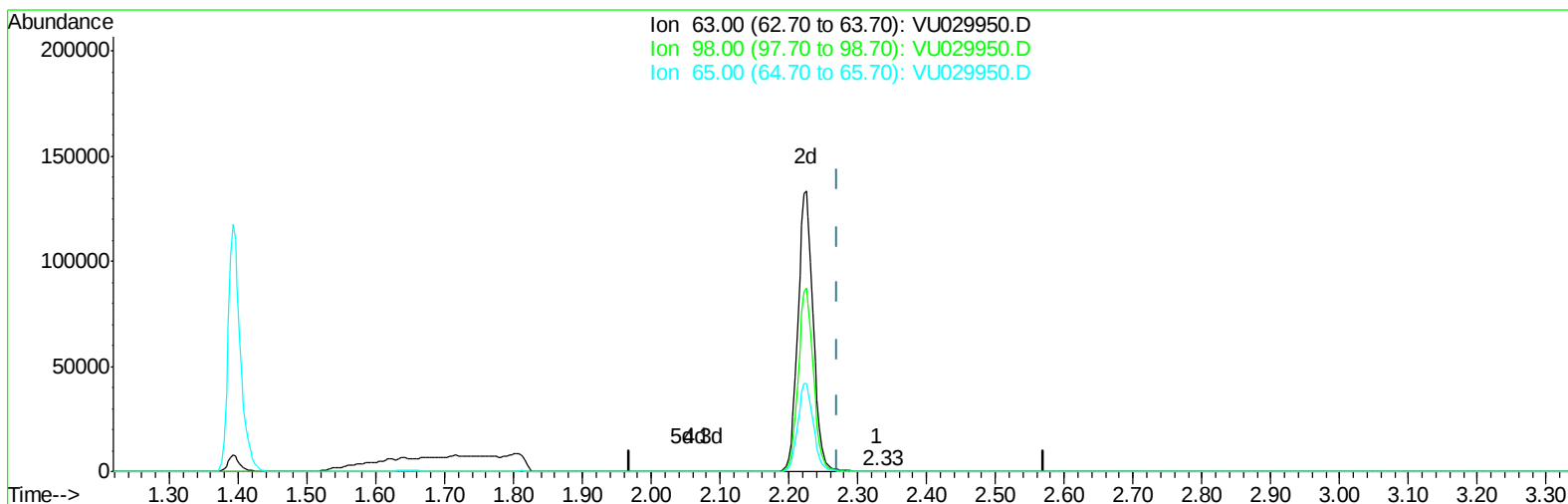
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TIC: VU029950.D

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

2.328min (+0.058) 0.01ug/L

response 84

Ion	Exp%	Act%
63.00	100	100
98.00	82.90	448.81#
65.00	23.60	128.57#
0.00	0.00	0.00

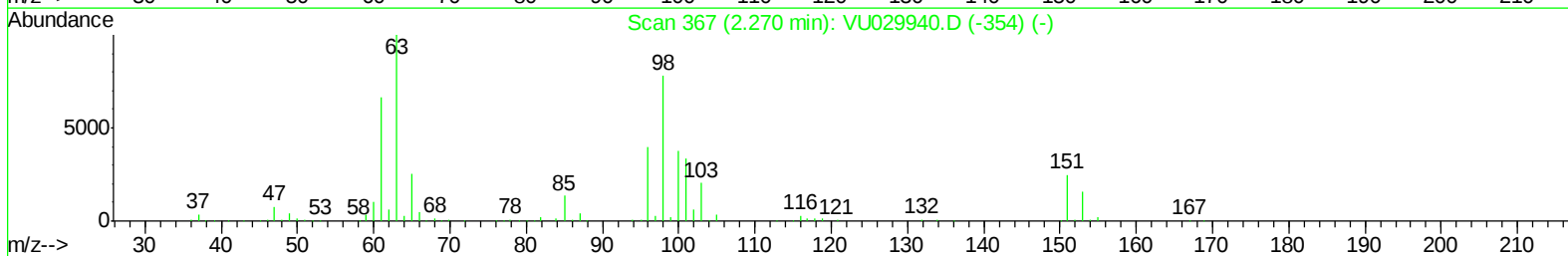
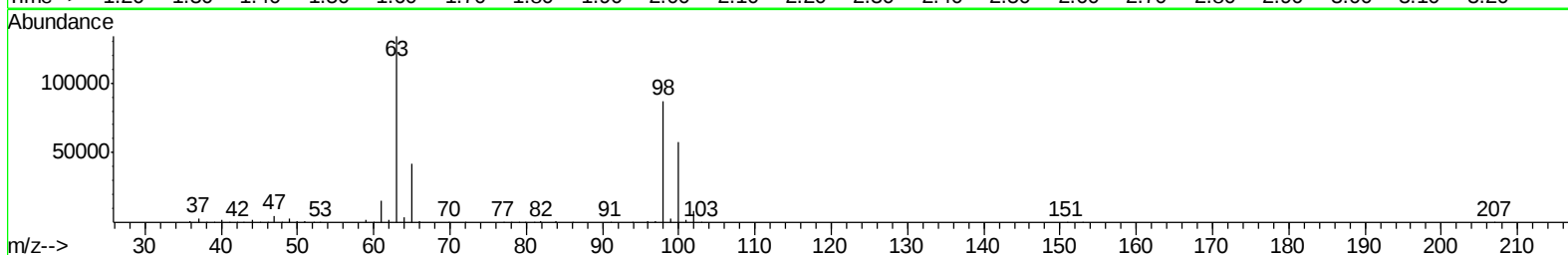
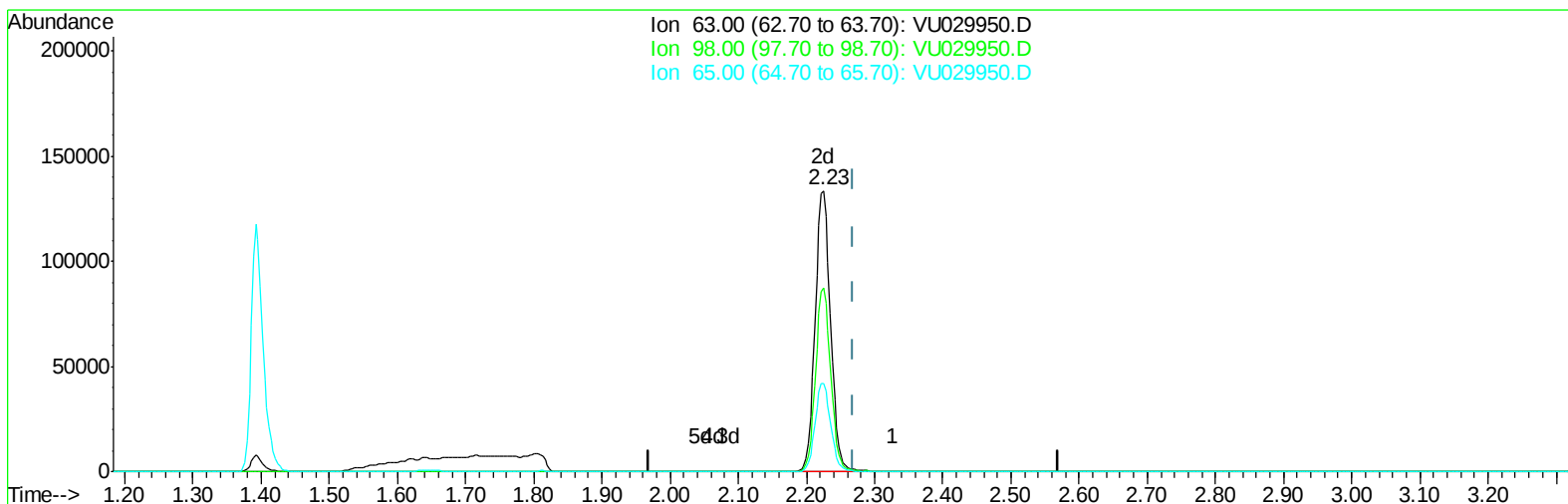
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Instrument :
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TIC: VU029950.D

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

2.225min (-0.045) 30.74ug/L m

response 207462

Ion	Exp%	Act%
63.00	100	100
98.00	82.90	0.18#
65.00	23.60	0.05#
0.00	0.00	0.00

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Quant Time: Mar 11 08:03:44 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Mar 11 07:10:15 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	586884	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	294727	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143368	40.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.08%
7) Chloroethane-d5	1.64	69	57999m	19.27	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.54%#
11) 1,1-Dichloroethene-d2	2.23	63	207462m	30.74	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.48%
21) 2-Butanone-d5	4.20	46	250711	90.37	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.37%
24) Chloroform-d	4.64	84	286469	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.22%
26) 1,2-Dichloroethane-d4	5.30	65	179517	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
32) Benzene-d6	5.33	84	638427	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
36) 1,2-Dichloropropane-d6	6.32	67	193925	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.62%
41) Toluene-d8	7.56	98	593189	42.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.34%
43) trans-1,3-Dichloropropene-	7.85	79	88905	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.96%
47) 2-Hexanone-d5	8.32	63	222874	94.65	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319083	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	254368	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds					Qvalue
3) Chloromethane	1.32	50	52794	8.912 ug/L	98
6) Bromomethane	1.60	94	3055	2.511 ug/L	91
46) Tetrachloroethene	8.22	164	1072938	297.613 ug/L	97

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

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