

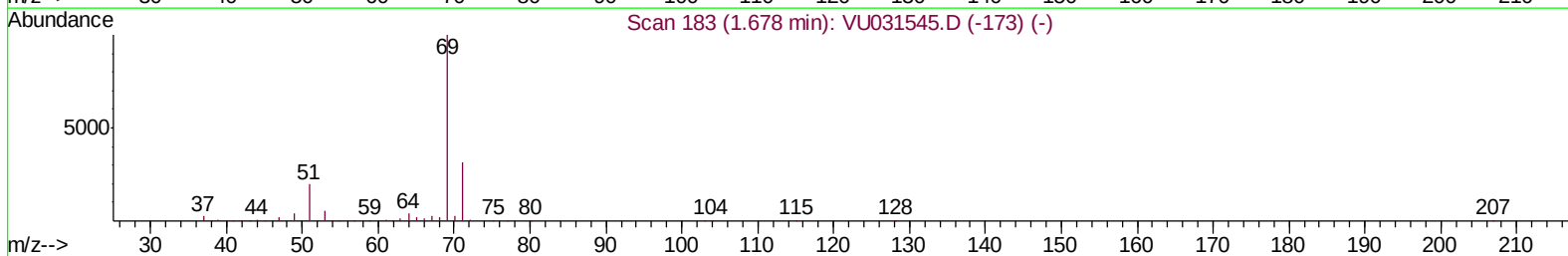
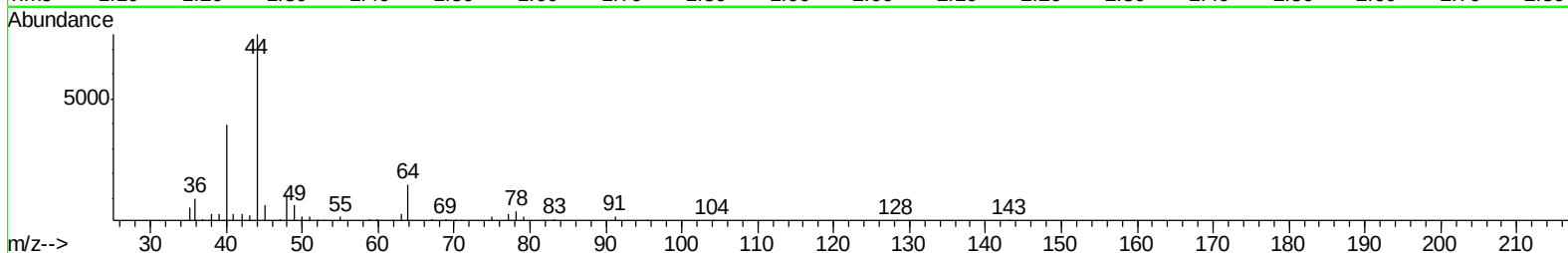
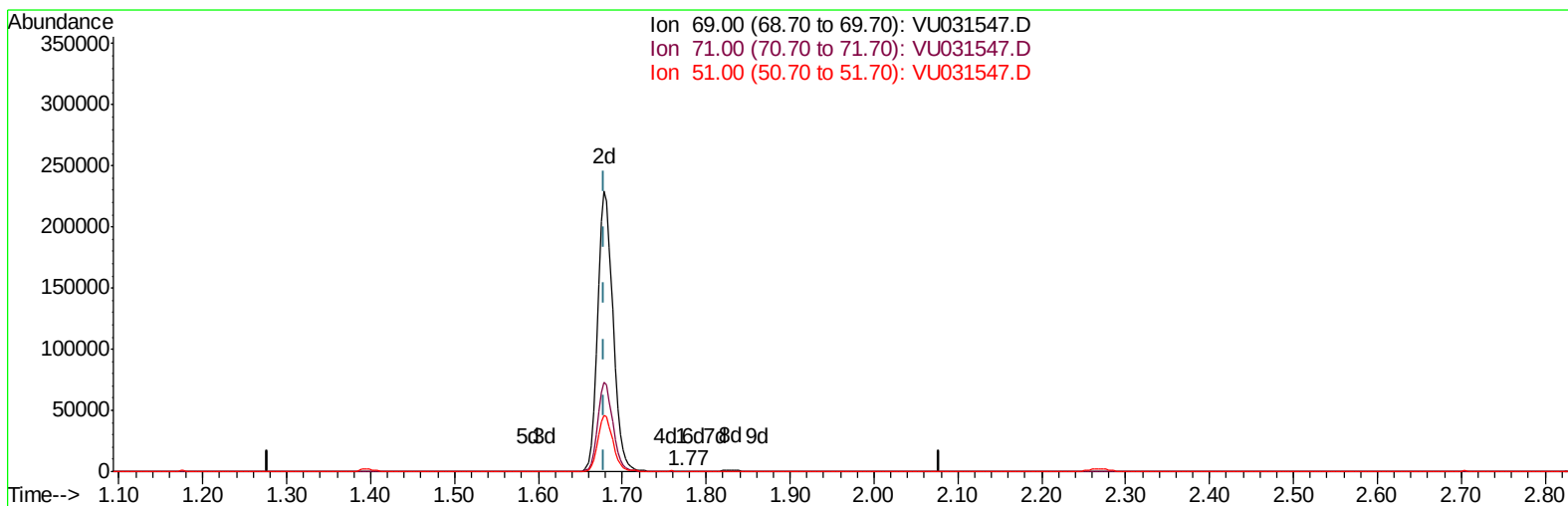
Data File : VU031547.D
Acq On : 26 Apr 2019 21:56
Operator : JC/SP
Sample : K2536-19 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X07

Manual Integrations
APPROVED

MMDadoda
4/29/2019 10:20:29 AM

Quant Time: Apr 27 03:30:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration



TIC: VU031547.D

(7) Chloroethane-d5 (S)

1.772min (+0.093) 0.02ug/L

response 140

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	33.57
51.00	29.10	34.29
0.00	0.00	0.00

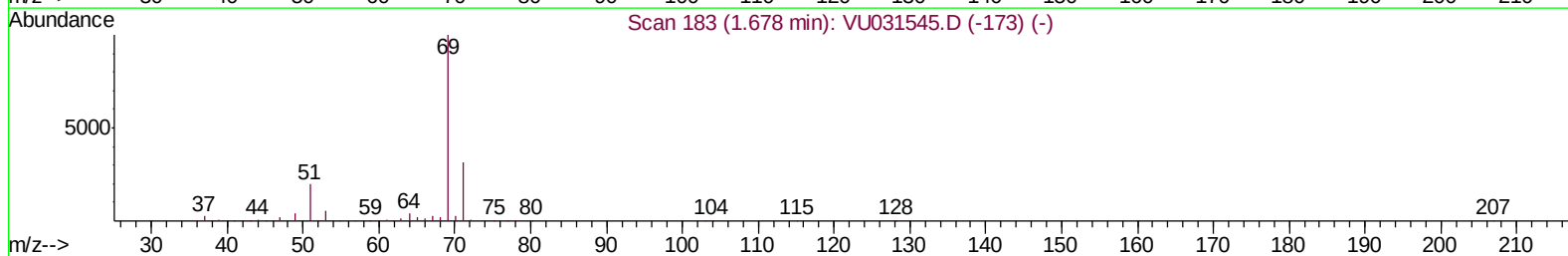
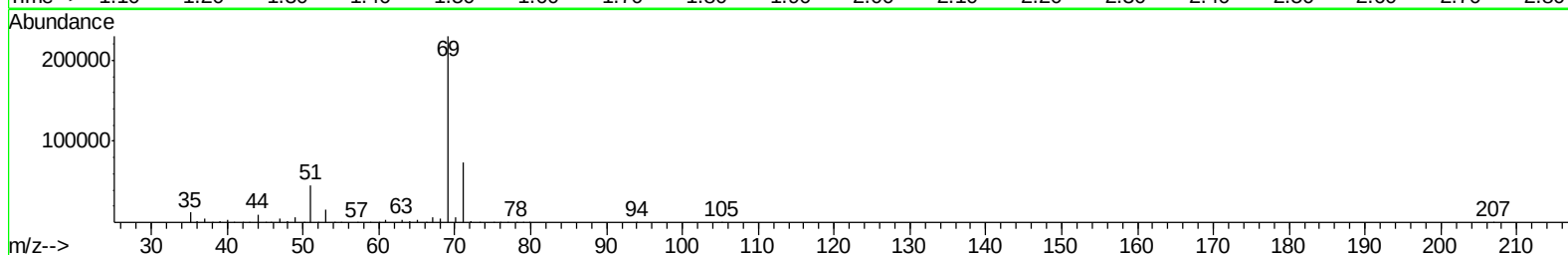
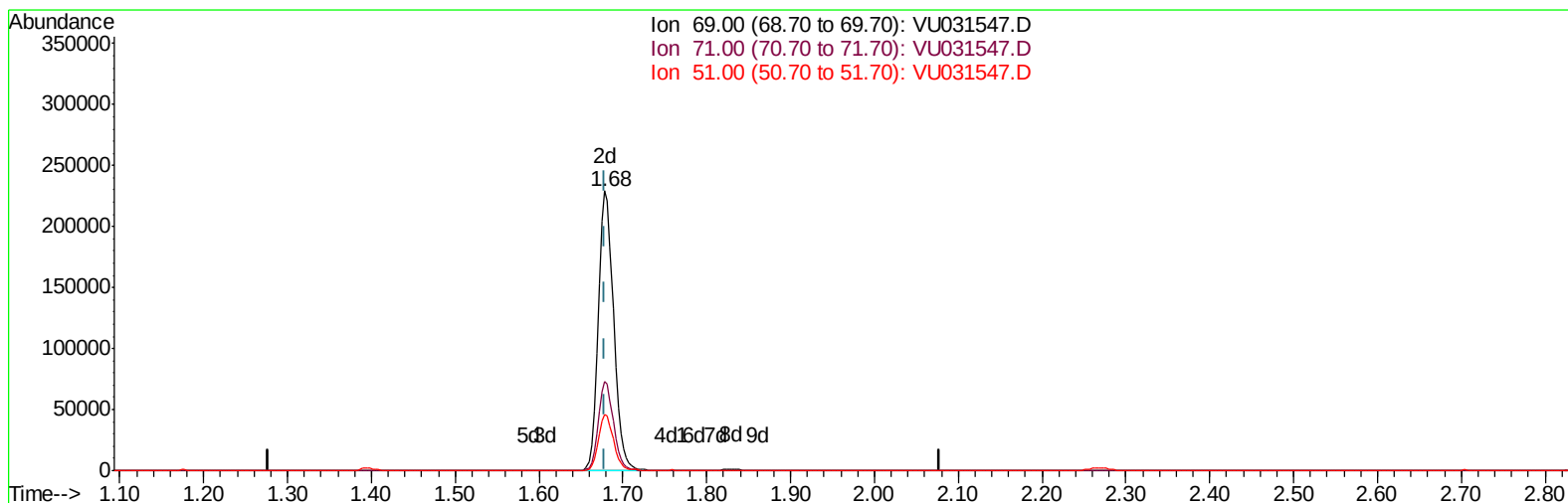
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(7) Chloroethane-d5 (S)

1.678min (+0.000) 51.93ug/L m

response 291193

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	0.02#
51.00	29.10	0.02#
0.00	0.00	0.00

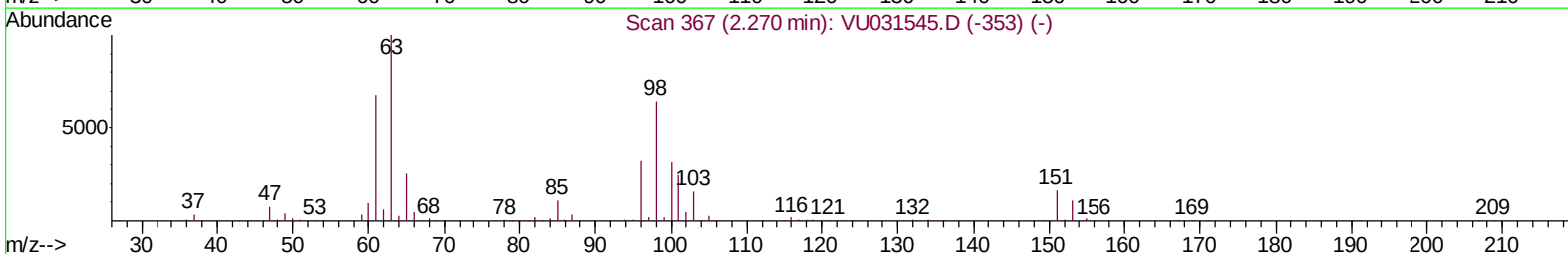
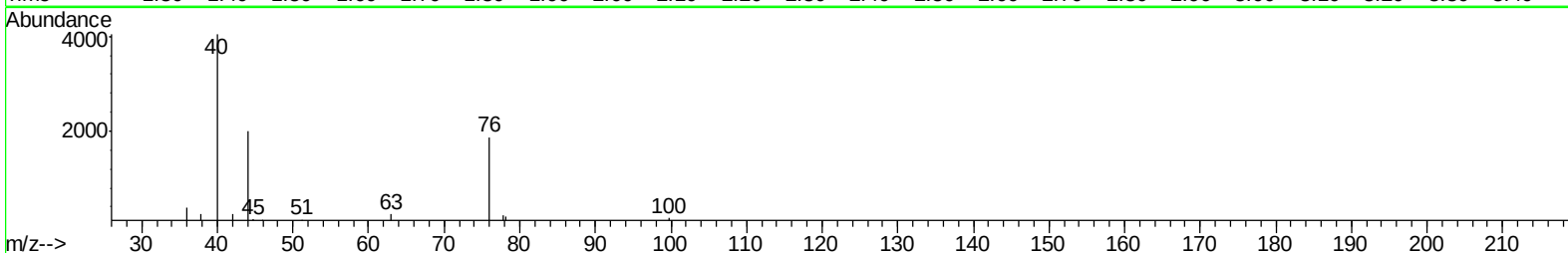
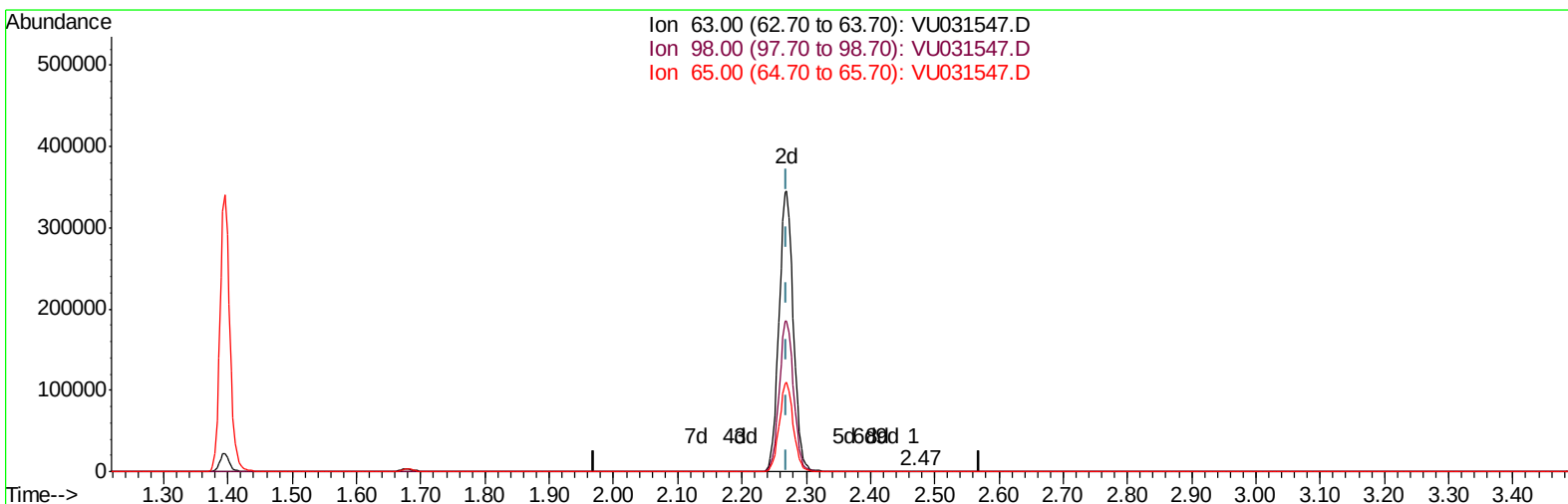
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TIC: VU031547.D

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

2.469min (+0.199) 0.02ug/L

response 235

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	52.34
65.00	23.40	30.21
0.00	0.00	0.00

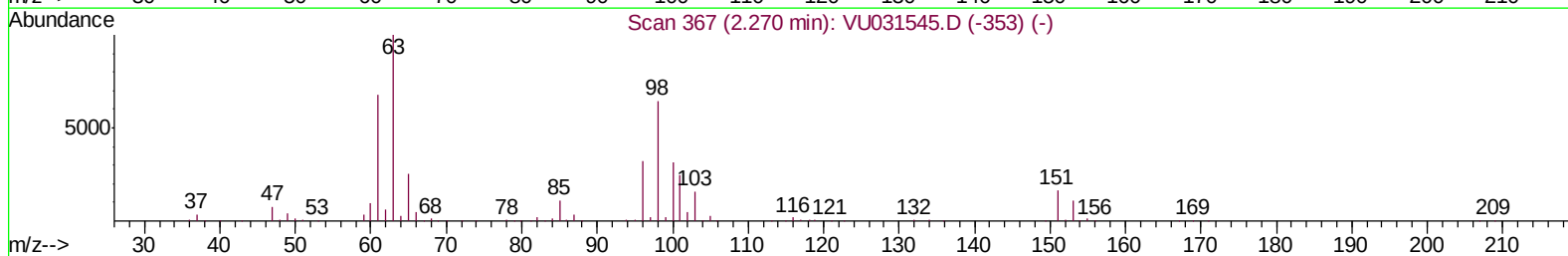
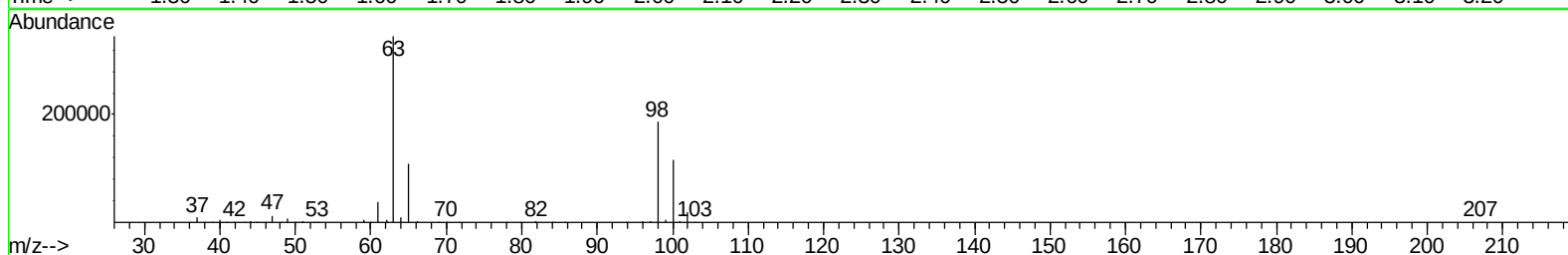
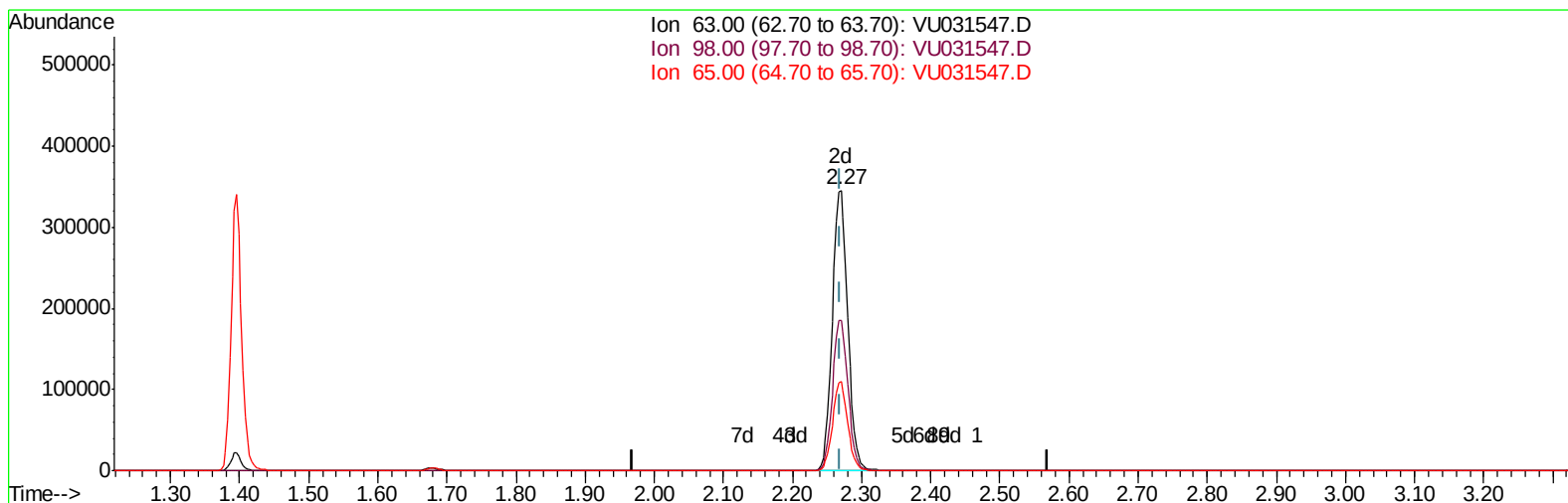
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TIC: VU031547.D

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

2.270min (+0.000) 36.87ug/L m

response 532770

Ion	Exp%	Act%
63.00	100	100
98.00	66.60	0.02#
65.00	23.40	0.01#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	867032	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	798744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	323124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	367241	50.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.22%
7) Chloroethane-d5	1.68	69	291193m	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.86%
11) 1,1-Dichloroethene-d2	2.27	63	532770m	36.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.74%
21) 2-Butanone-d5	4.19	46	675488	102.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.74%
24) Chloroform-d	4.64	84	616921	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	5.31	65	406174	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.34	84	1265638	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.32	67	441703	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.38%
41) Toluene-d8	7.56	98	1079539	50.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.06%
43) trans-1,3-Dichloropropene-	7.85	79	180612	48.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.52%
47) 2-Hexanone-d5	8.31	63	429173	114.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	566643	48.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	360656	53.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.14%

Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.22	96	6627	0.876	ug/L	92
34) Trichloroethene	6.18	95	239924	33.704	ug/L	98
46) Tetrachloroethene	8.22	164	5304	1.093	ug/L	91

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

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