

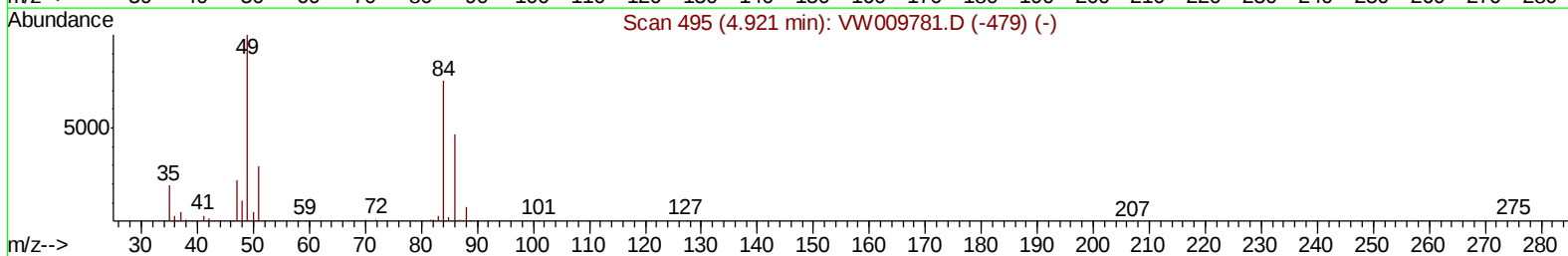
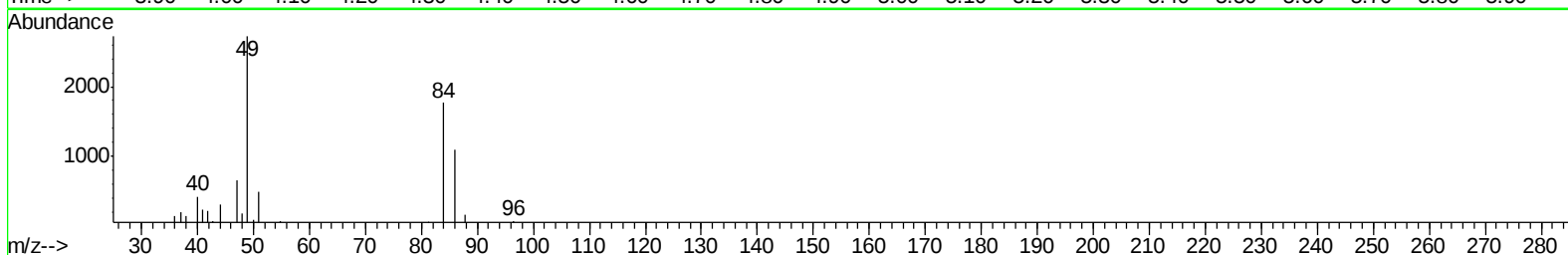
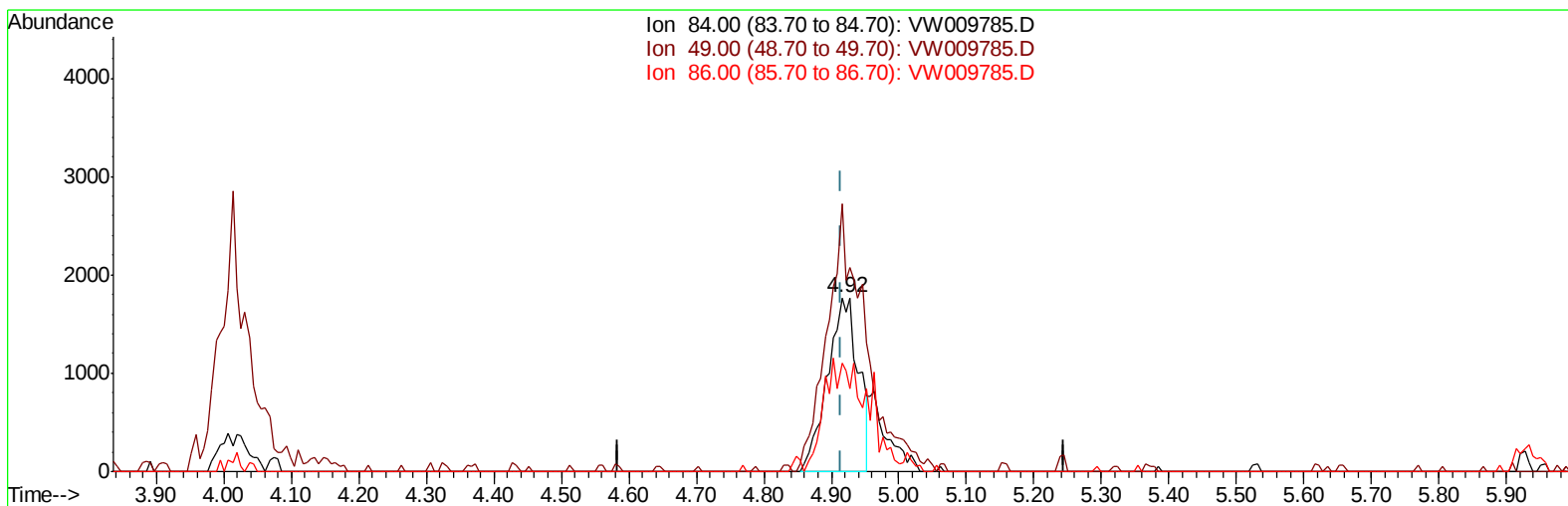
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040619\
Data File : VW009785.D
Acq On : 06 Apr 2019 22:30
Operator : SY/VA
Sample : K2217-03
Misc : 4.85G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF614

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:43:15 AM

Quant Time: Apr 07 05:39:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 05:36:41 2019
Response via : Initial Calibration



TIC: VW009785.D

(16) Methylene chloride (T)

4.915min (-0.000) 1.04ug/L

response 5618

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	154.16
86.00	66.30	62.55
0.00	0.00	0.00

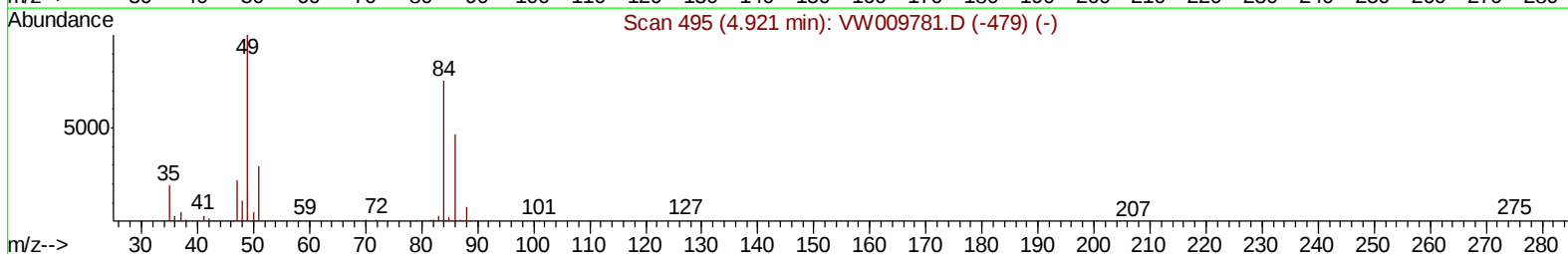
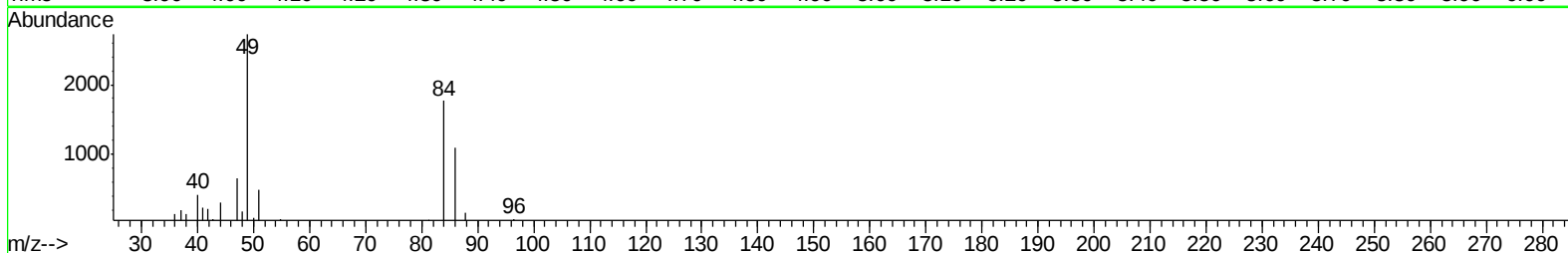
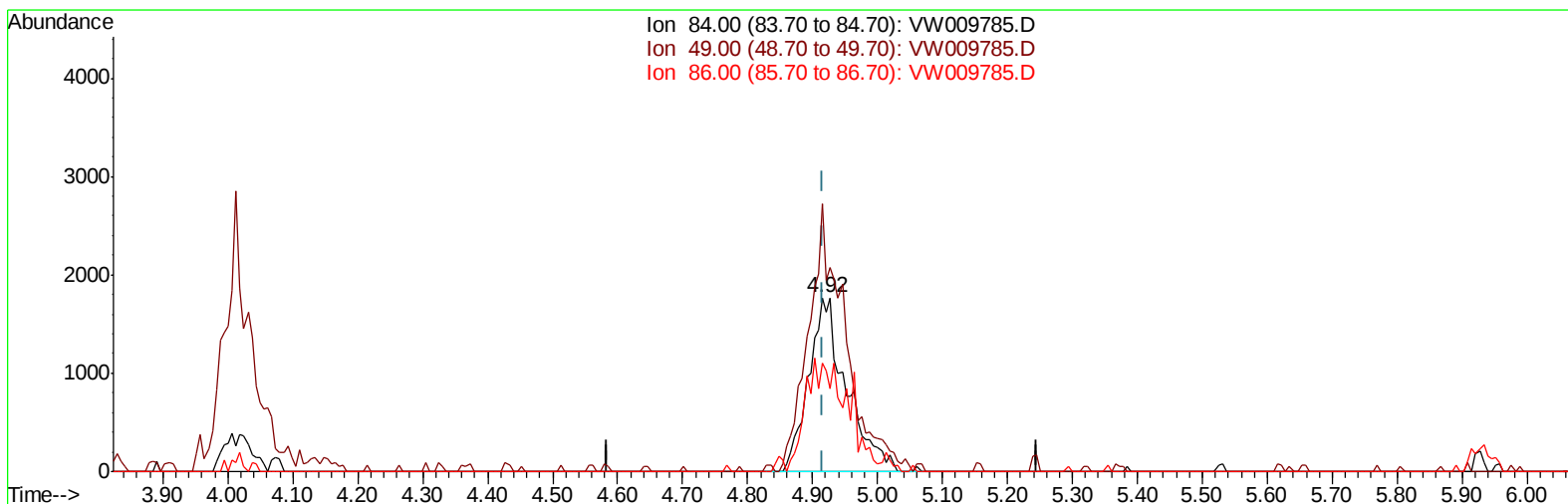
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TIC: VW009785.D

(16) Methylene chloride (T)
4.915min (-0.000) 1.33ug/L m
response 7156

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	154.16
86.00	66.30	62.55
0.00	0.00	0.00

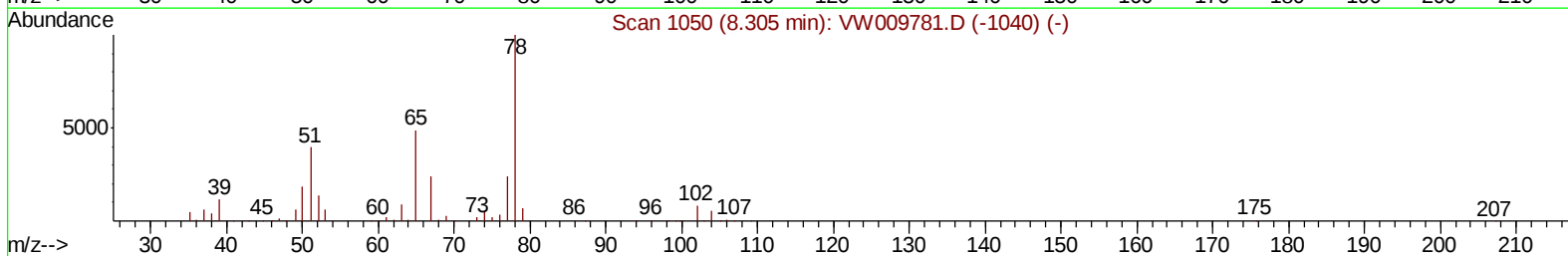
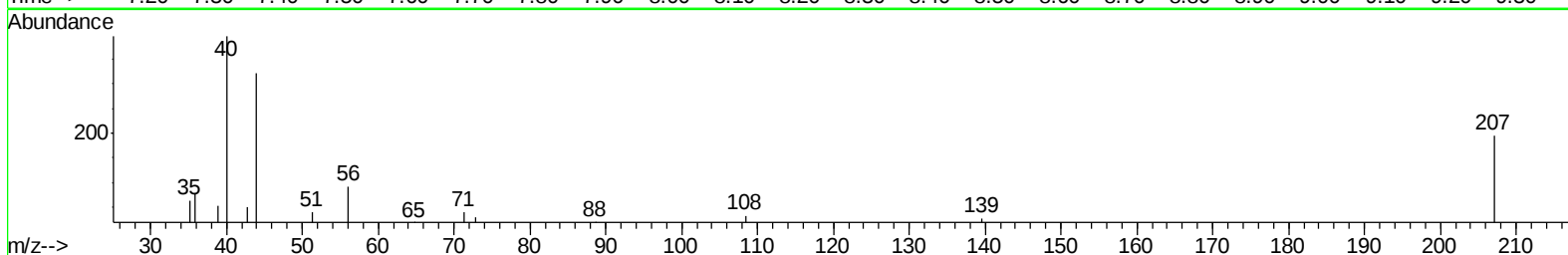
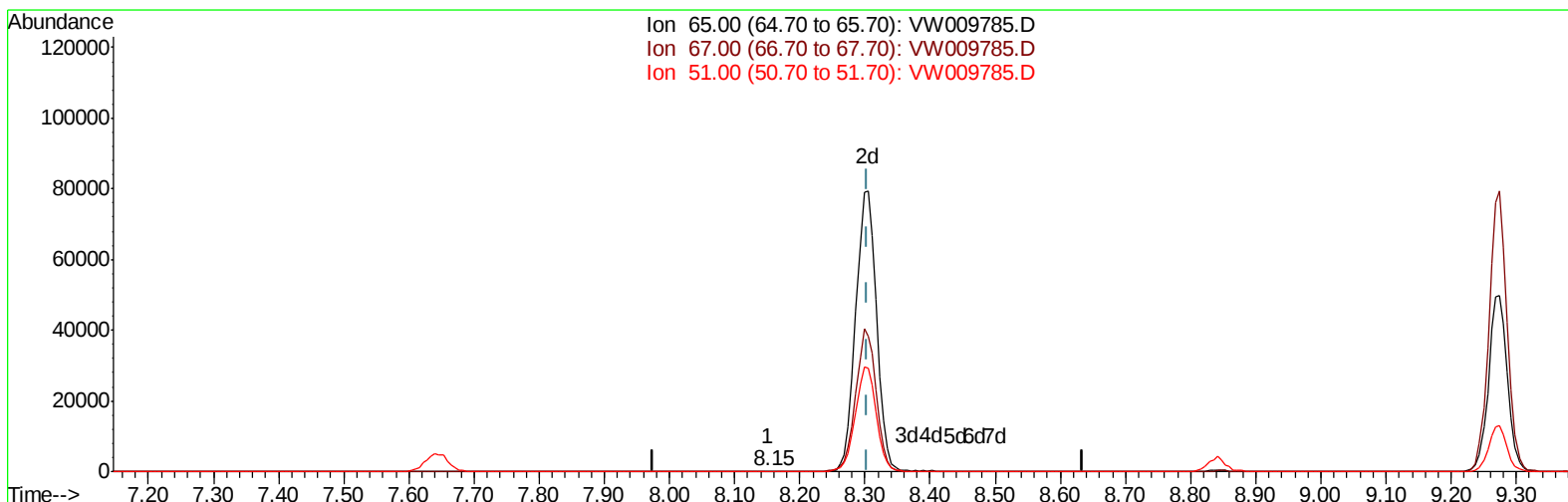
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TIC: VW009785.D

(26) 1,2-Dichloroethane-d4 (S)

8.152min (-0.153) 0.01ug/L

response 40

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	50.00
51.00	109.90	135.00
0.00	0.00	0.00

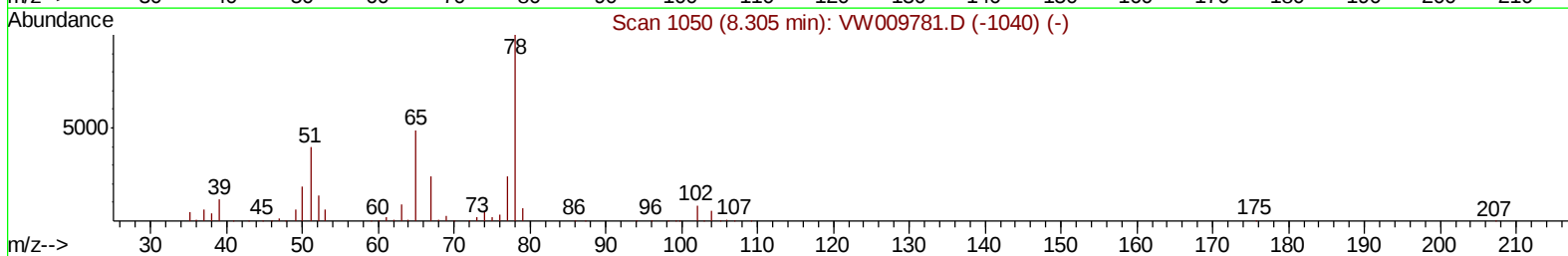
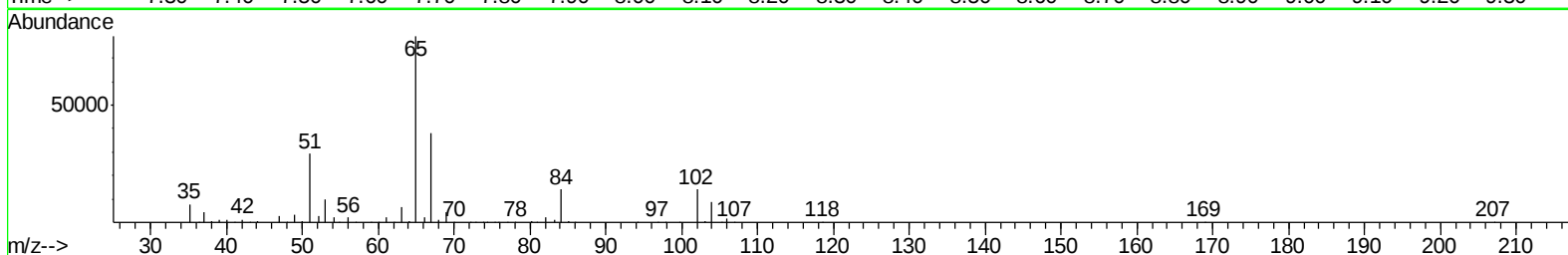
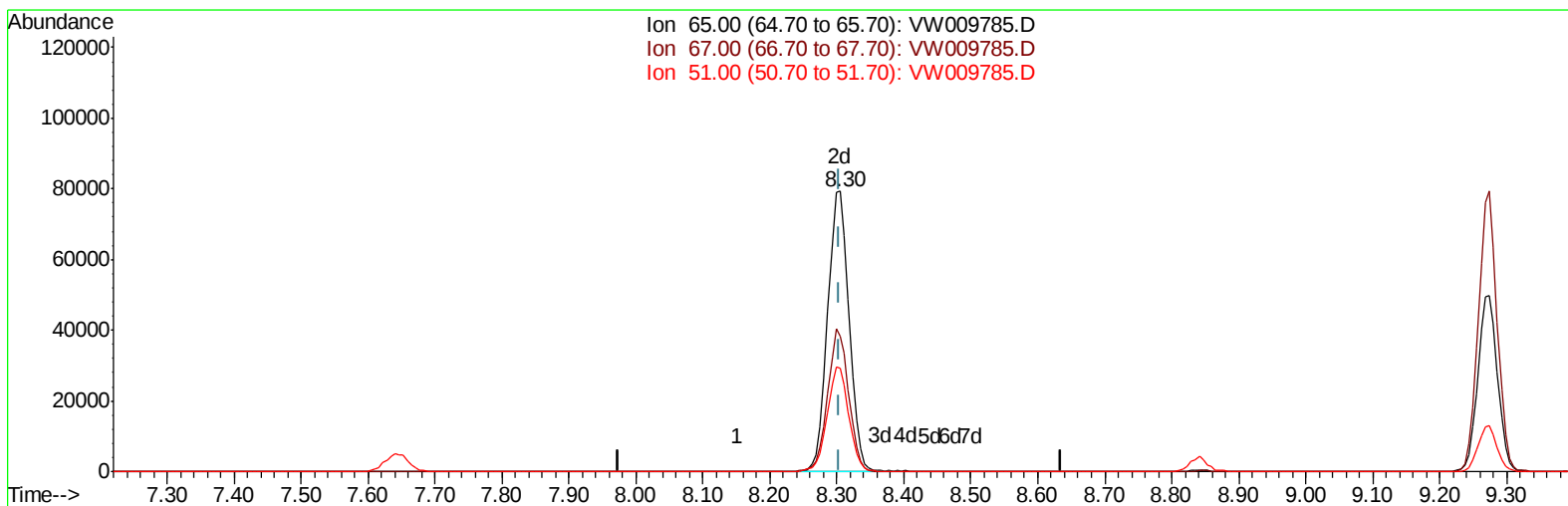
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TIC: VW009785.D

(26) 1,2-Dichloroethane-d4 (S)

8.305min (-0.000) 34.51ug/L m

response 177008

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.01#
51.00	109.90	0.03#
0.00	0.00	0.00

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Instrument :
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Quant Time: Apr 07 23:24:03 2019
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 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	306190	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275606	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	101227	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122585	30.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.36%
7) Chloroethane-d5	2.89	69	113302	30.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.48%
10) 1,1-Dichloroethene-d2	4.01	63	210306	24.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.64%
20) 2-Butanone-d5	7.07	46	120240	92.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.86%#
24) Chloroform-d	7.65	84	268424	32.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	128.52%
26) 1,2-Dichloroethane-d4	8.30	65	177008m	34.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	138.04%#
29) Benzene-d6	8.27	84	499182	34.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.00%#
33) 1,2-Dichloropropane-d6	9.27	67	154691	34.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.48%#
37) Toluene-d8	10.32	98	423245	31.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.56%
38) trans-1,3-Dichloropropene-	10.58	79	62294	29.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.92%
39) 2-Hexanone-d5	10.93	63	75589	89.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.48%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160749	38.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	154.76%#
61) 1,2-Dichlorobenzene-d4	13.85	152	118939	33.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.92%#

Target Compounds					Qvalue
13) Acetone	4.12	43	8384	6.015 ug/L	61
16) Methylene chloride	4.92	84	7156m	1.325 ug/L	

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

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