

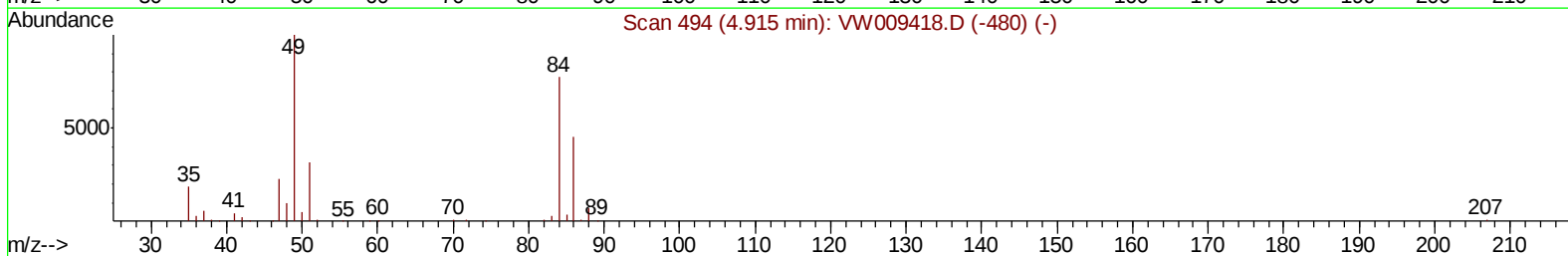
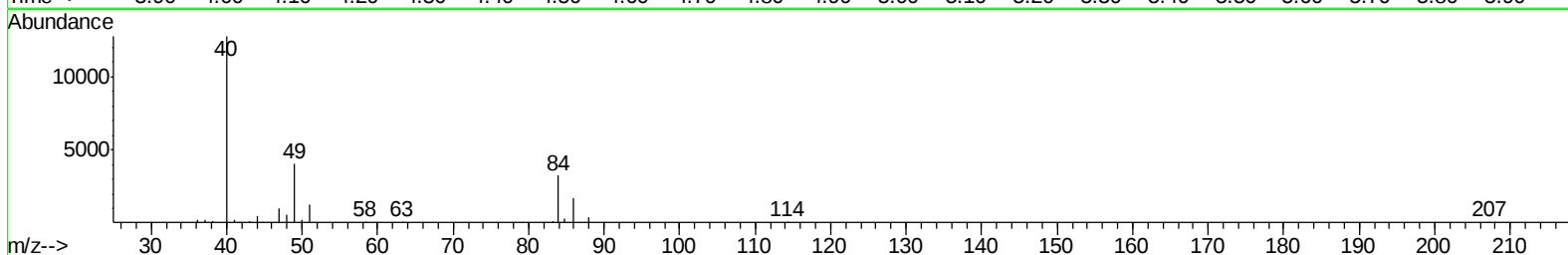
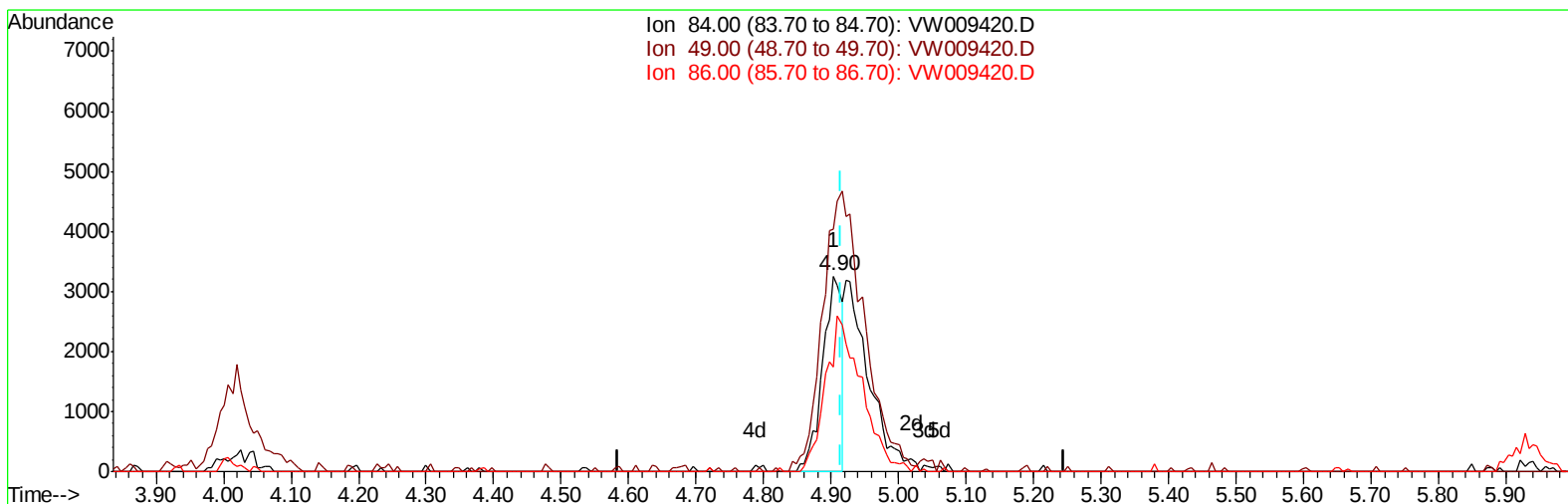
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
Data File : VW009420.D
Acq On : 25 Mar 2019 11:34
Operator : SY/VA
Sample : K2062-02
Misc : 11.15G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0G9

Manual Integrations
APPROVED

MMDadoda
3/27/2019 12:12:36 PM

Quant Time: Mar 26 07:50:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration



TIC: VW009420.D

(16) Methylene chloride (T)

4.903min (-0.012) 1.19ug/L

response 6420

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	123.65
86.00	63.50	53.44
0.00	0.00	0.00

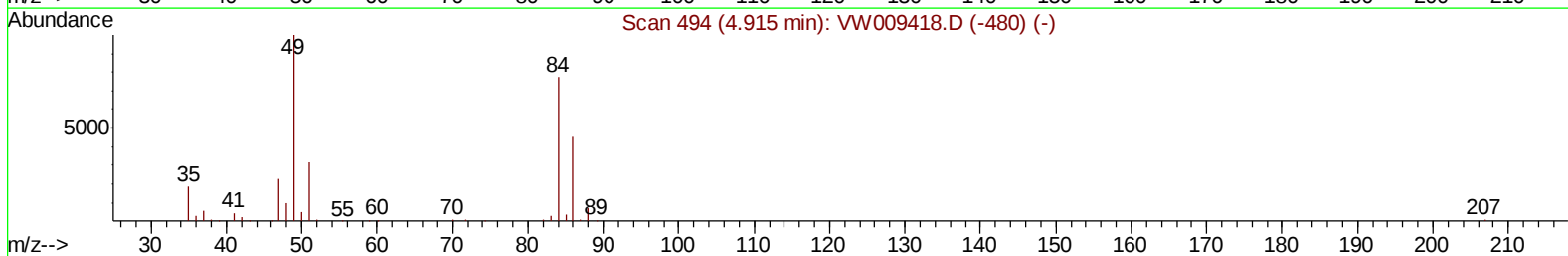
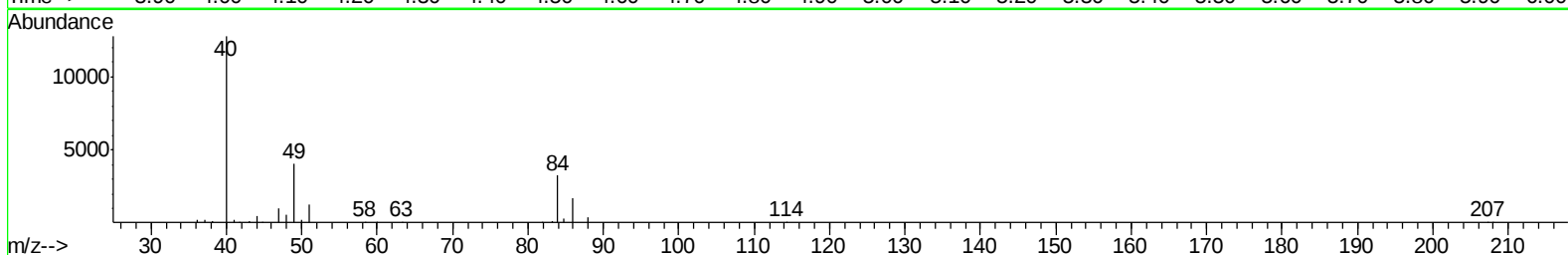
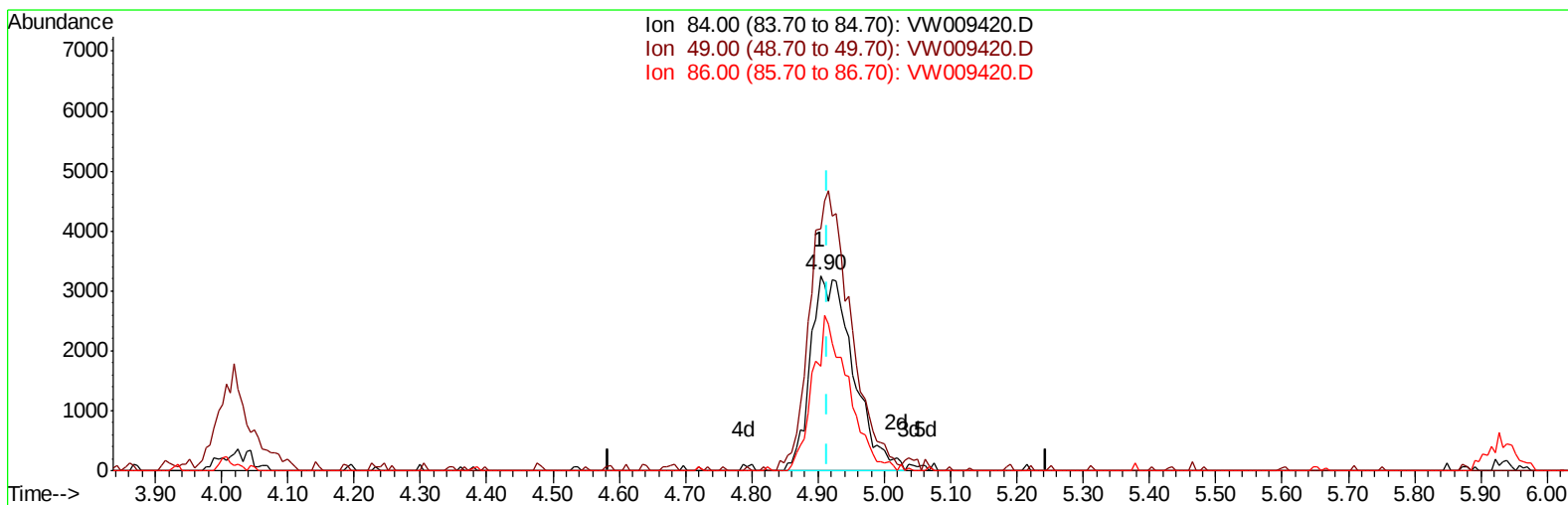
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TIC: VW009420.D

(16) Methylene chloride (T)
4.903min (-0.012) 2.67ug/L m
response 14462

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	123.65
86.00	63.50	53.44
0.00	0.00	0.00

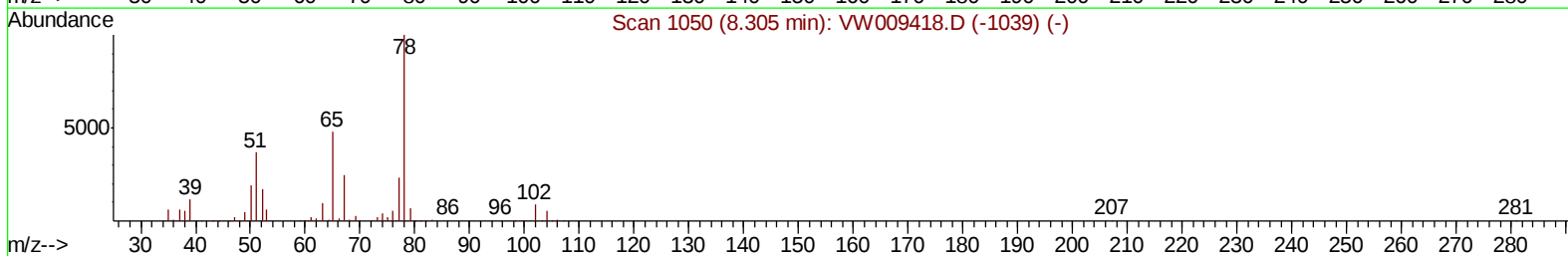
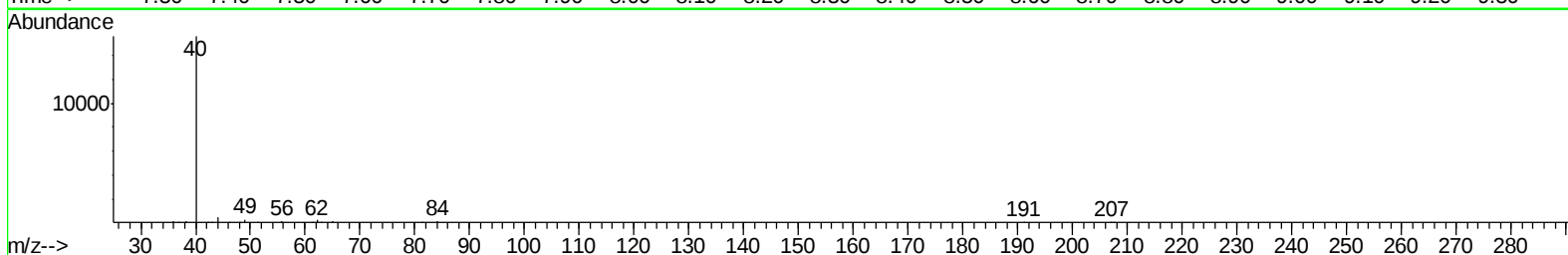
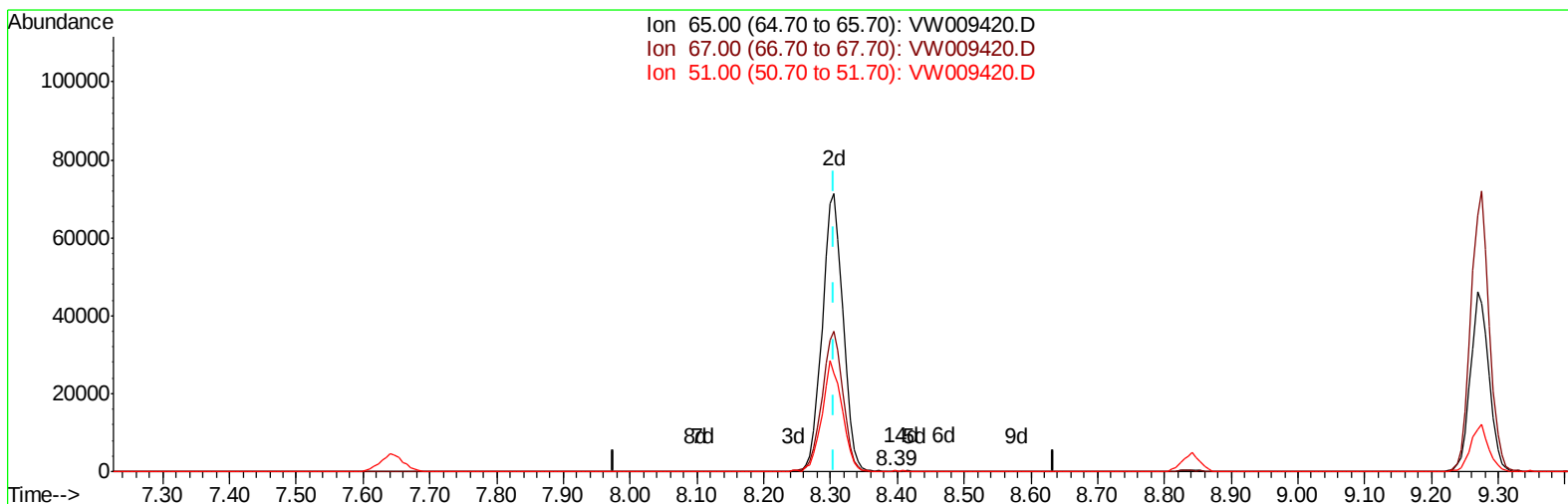
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TIC: VW009420.D

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

8.391min (+0.086) 0.03ug/L

response 173

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	42.77
51.00	97.70	79.77
0.00	0.00	0.00

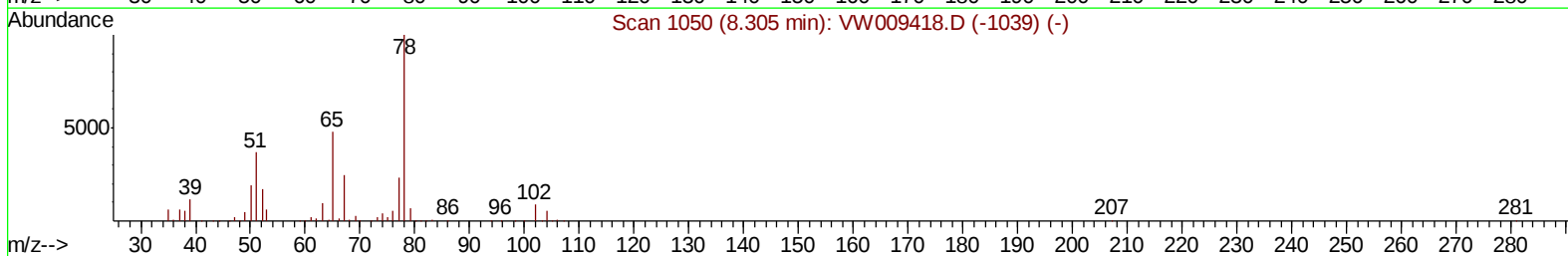
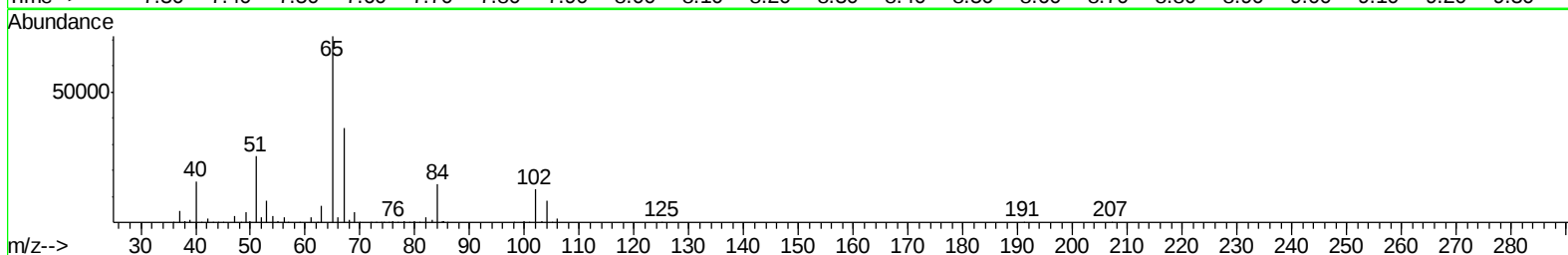
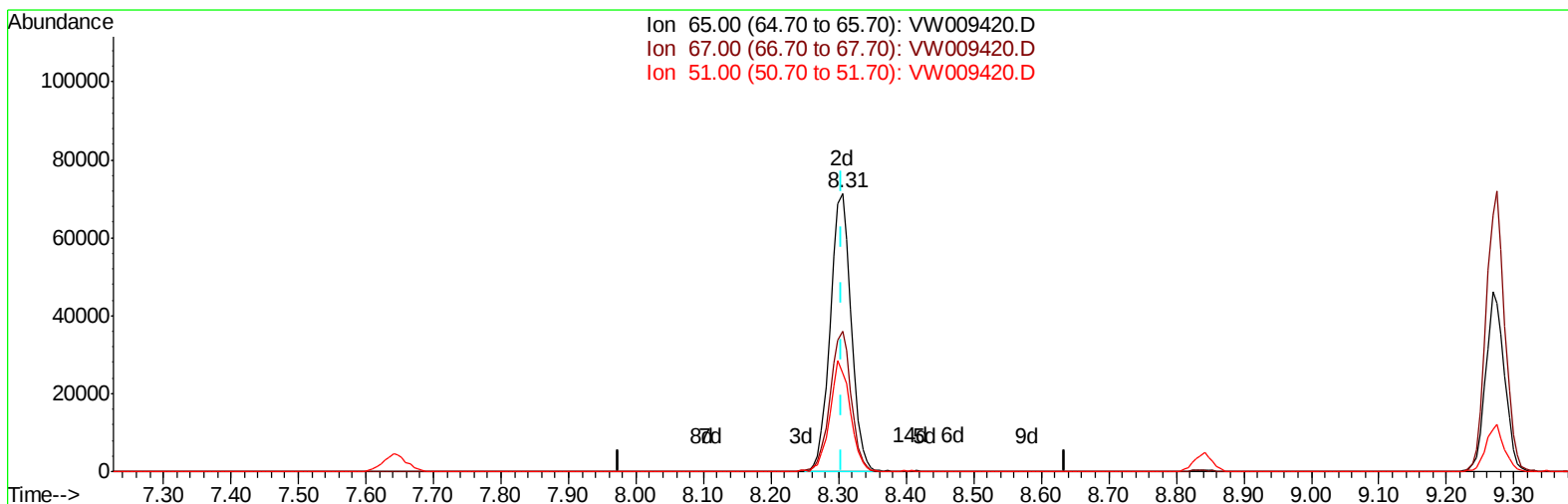
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TIC: VW009420.D

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

8.305min (+0.000) 25.22ug/L m

response 153985

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.05#
51.00	97.70	0.09#
0.00	0.00	0.00

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Manual Integrations
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Quant Time: Mar 26 08:06:02 2019
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 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160087	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93062	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.89	69	102835	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
10) 1,1-Dichloroethene-d2	4.01	63	154261	16.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.32%
20) 2-Butanone-d5	7.07	46	115975	63.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.34%
24) Chloroform-d	7.64	84	234508	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	8.31	65	153985m	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.88%
29) Benzene-d6	8.27	84	416317	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.27	67	137694	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.88%
37) Toluene-d8	10.32	98	365997	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.80%
38) trans-1,3-Dichloropropene-	10.58	79	63855	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	10.93	63	82593	59.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154913	27.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	143959	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds					Ovalue
13) Acetone	4.12	43	14583	9.687 ug/L	74
16) Methylene chloride	4.90	84	14462m	2.670 ug/L	
47) Tetrachloroethene	10.87	164	1230	0.288 ug/L	83

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

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