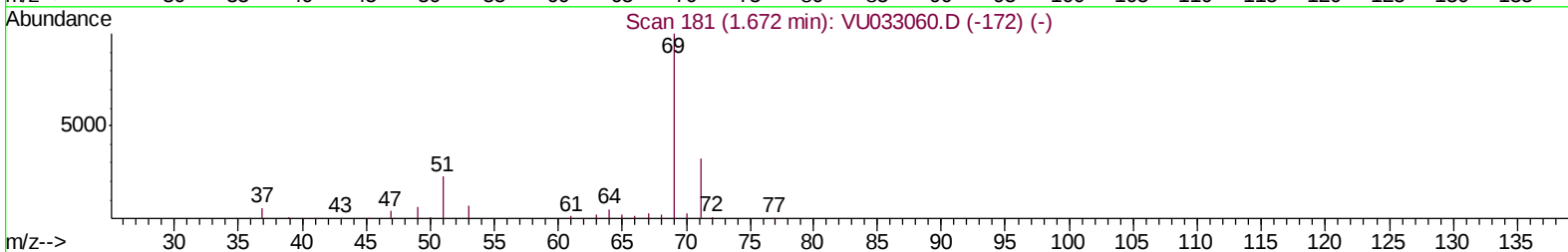
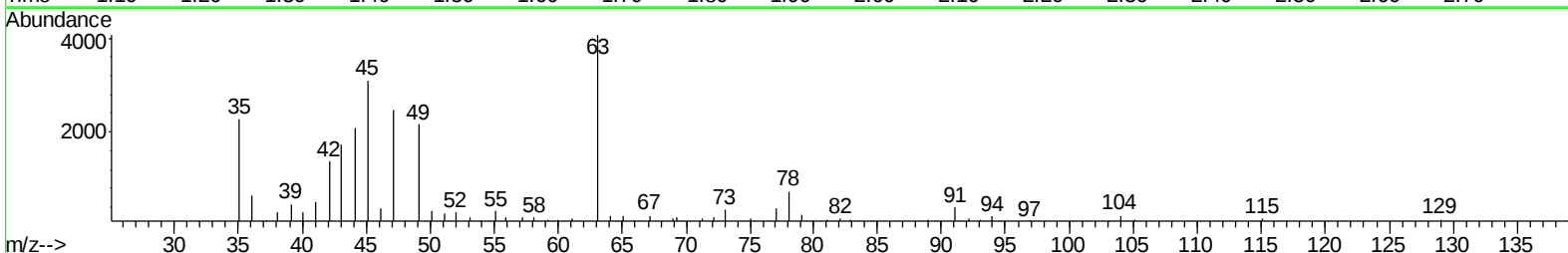
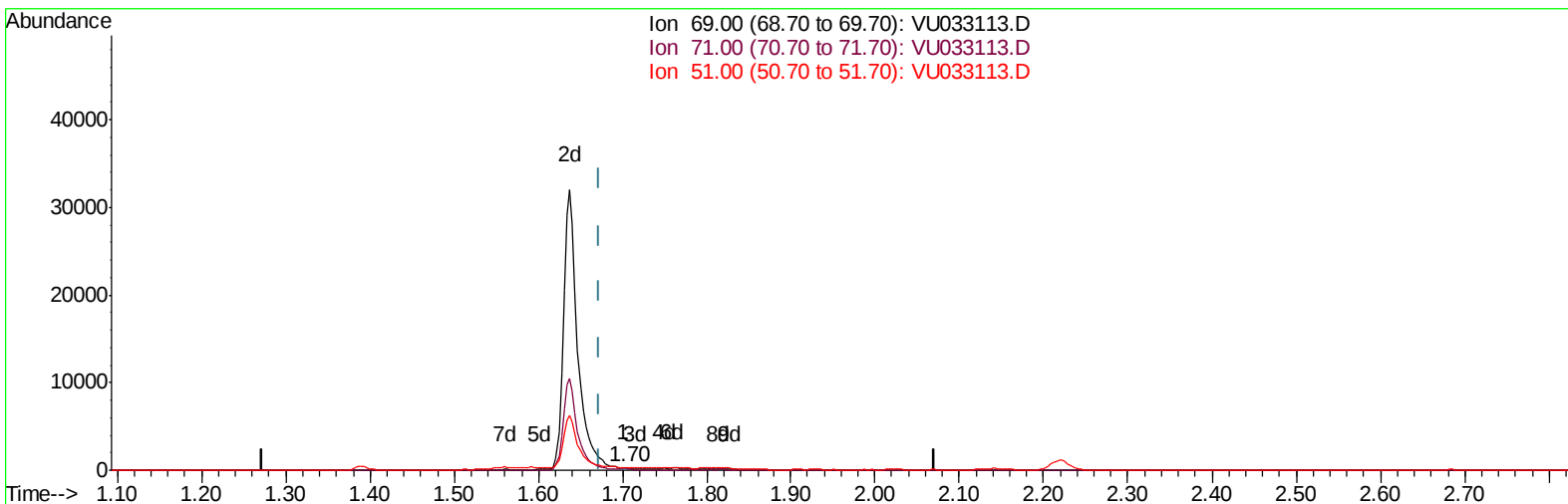


Data File : VU033113.D
Acq On : 01 Jul 2019 14:21
Operator : JC/SP
Sample : K3599-02
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 02 04:21:12 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: VU033113.D

(7) Chloroethane-d5 (S)

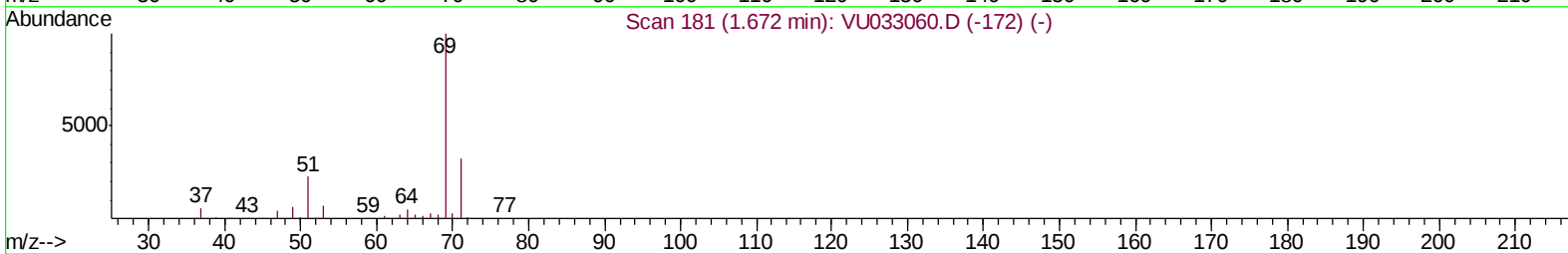
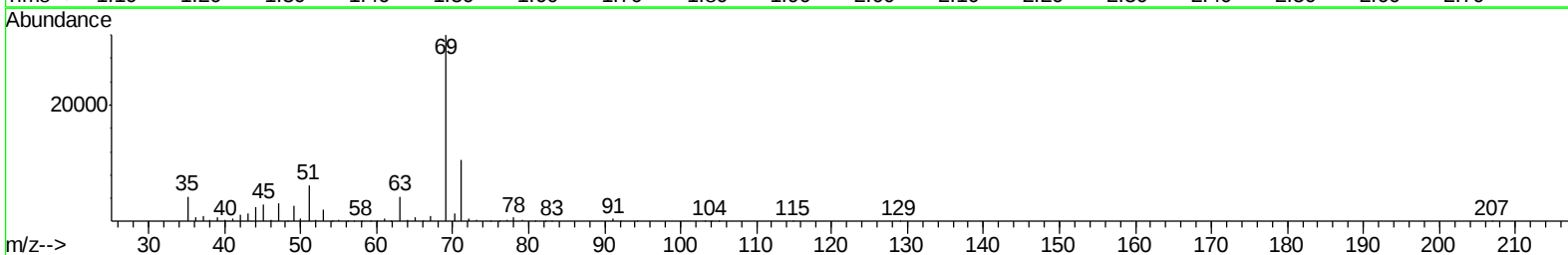
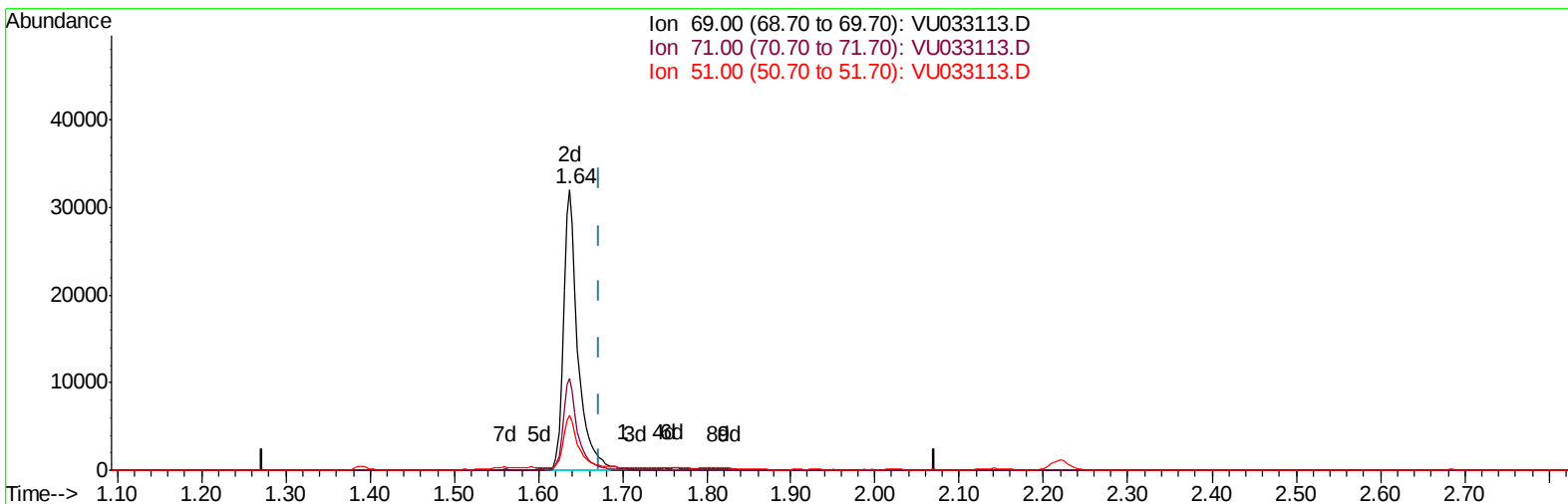
1.701min (+0.029) 0.04ug/L

response 54

Ion	Exp%	Act%
69.00	100	100
71.00	31.30	0.00#
51.00	30.80	0.00#
0.00	0.00	0.00

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TIC: VU033113.D

(7) Chloroethane-d5 (S)

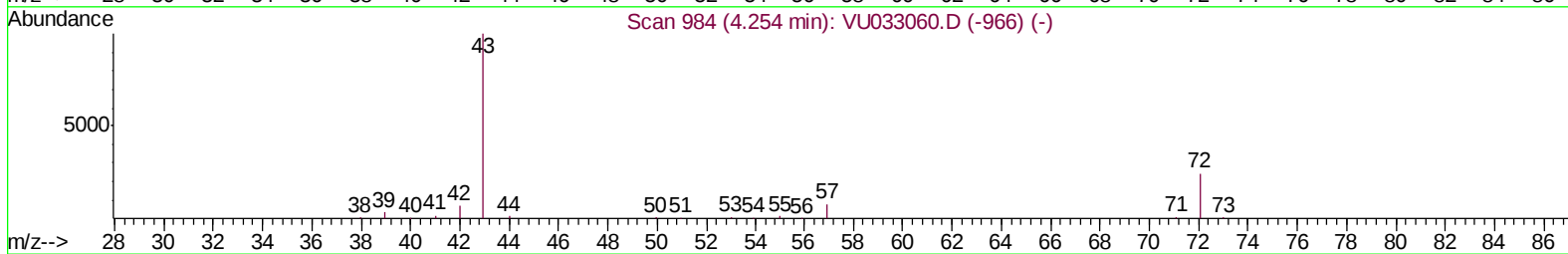
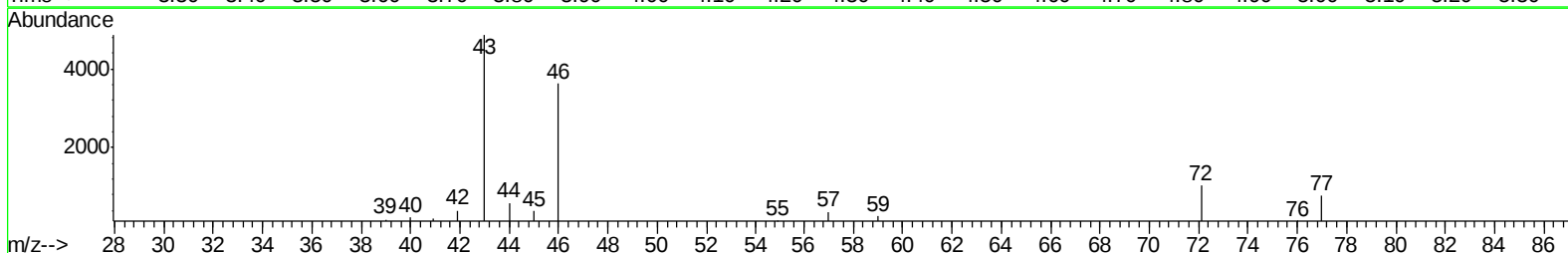
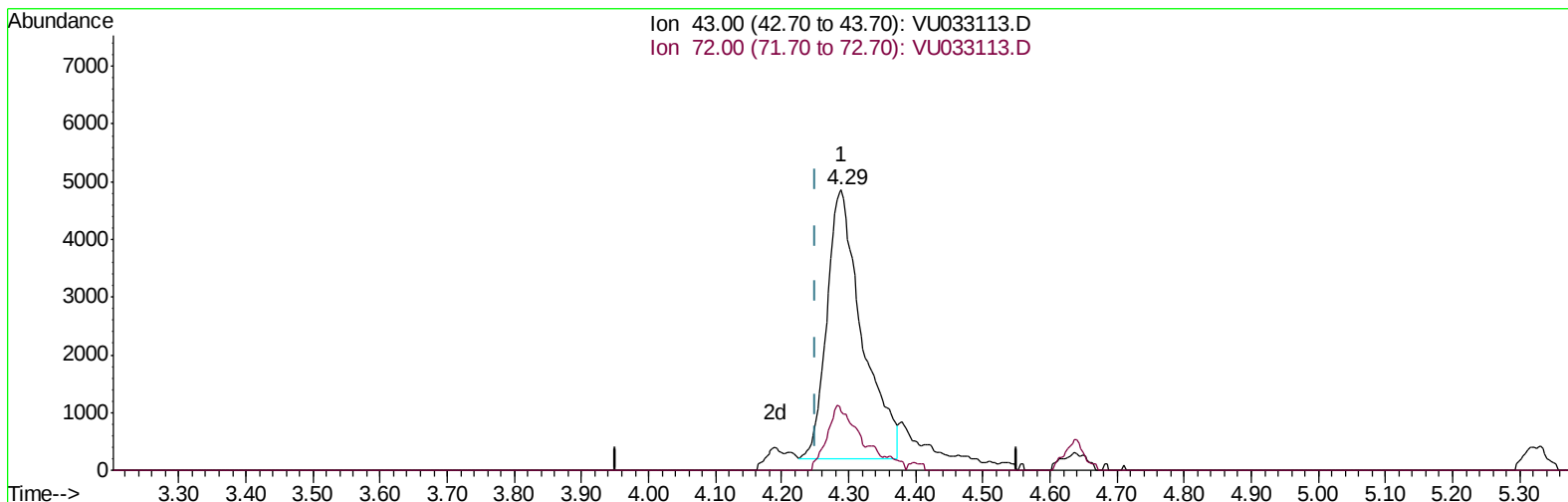
1.637min (-0.036) 31.70ug/L m

response 38116

Ion	Exp%	Act%
69.00	100	100
71.00	31.30	0.00#
51.00	30.80	0.00#
0.00	0.00	0.00

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Quant Time: Jul 02 04:21:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
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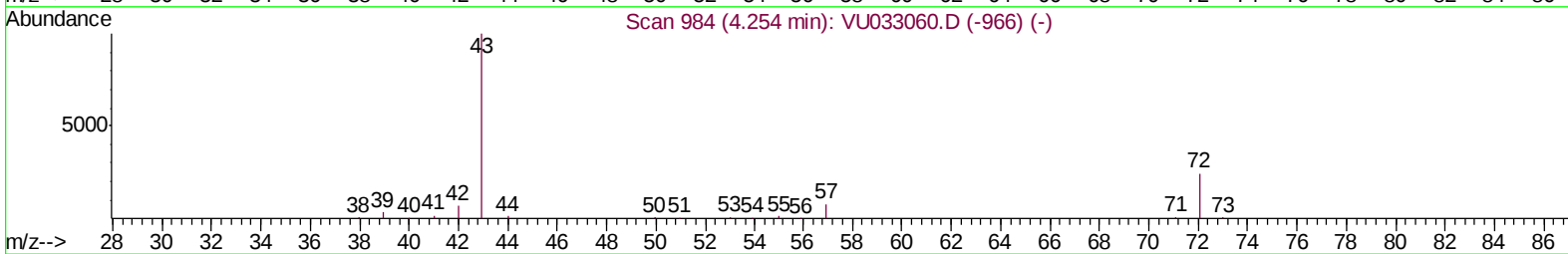
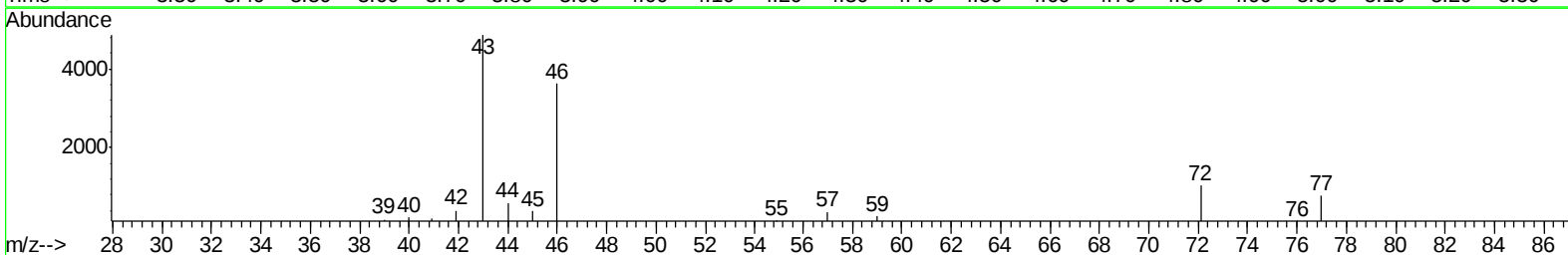
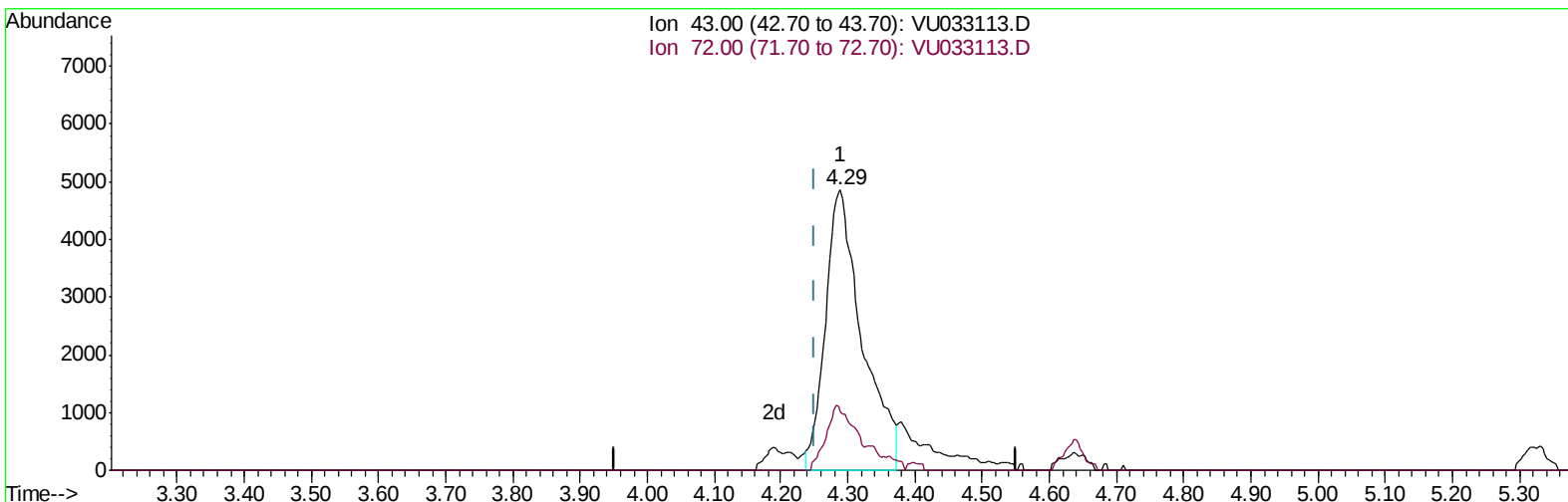
TIC: VU033113.D

(22) 2-Butanone (T)
4.289min (+0.038) 9.46ug/L
response 16995

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	19.21
0.00	0.00	0.00
0.00	0.00	0.00

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ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 02 04:21:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
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TIC: VU033113.D

(22) 2-Butanone (T)

4.289min (+0.038) 10.31ug/L m

response 18515

Ion	Exp%	Act%
43.00	100	100
72.00	25.70	17.63
0.00	0.00	0.00
0.00	0.00	0.00

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Sample : K3599-02
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 02 07:02:28 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	220634	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109672	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55493	36.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.60%		
7) Chloroethane-d5	1.64	69	38116m	31.70	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.40%#		
11) 1,1-Dichloroethene-d2	2.22	63	97856	32.21	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.42%		
21) 2-Butanone-d5	4.19	46	135298	107.81	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.81%		
24) Chloroform-d	4.63	84	138771	47.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.68%		
26) 1,2-Dichloroethane-d4	5.30	65	101131	51.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.58%		
32) Benzene-d6	5.32	84	264871	46.20	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.40%		
36) 1,2-Dichloropropane-d6	6.32	67	87798	48.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.14%		
41) Toluene-d8	7.56	98	237840	44.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.60%		
43) trans-1,3-Dichloropropene-	7.85	79	42752	45.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.00%		
47) 2-Hexanone-d5	8.32	63	83515	97.93	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.93%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	137951	48.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.72%		
64) 1,2-Dichlorobenzene-d4	11.86	152	98881	46.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.18%		

Target Compounds					Qvalue
22) 2-Butanone	4.29	43	18515m	10.305 ug/L	
46) Tetrachloroethene	8.22	164	17281	12.458 ug/L	96

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

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