

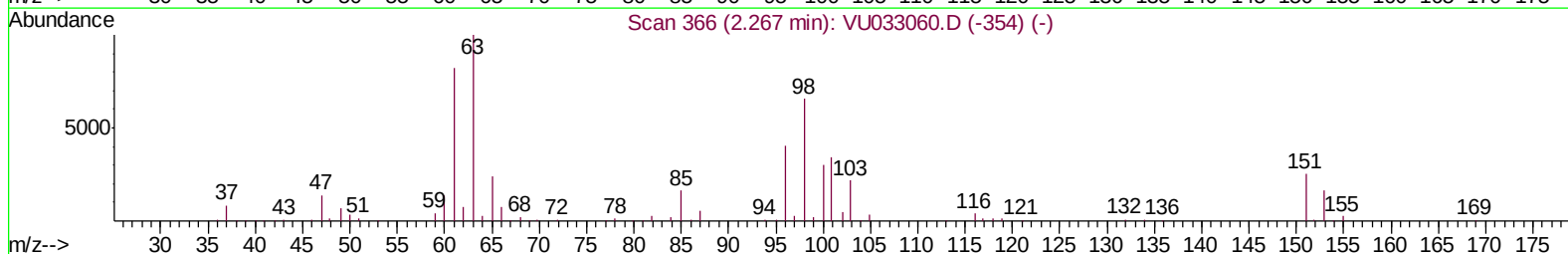
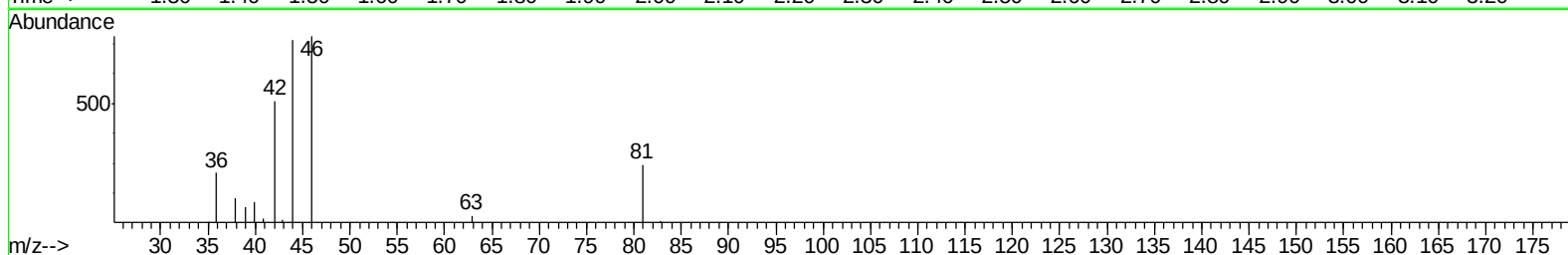
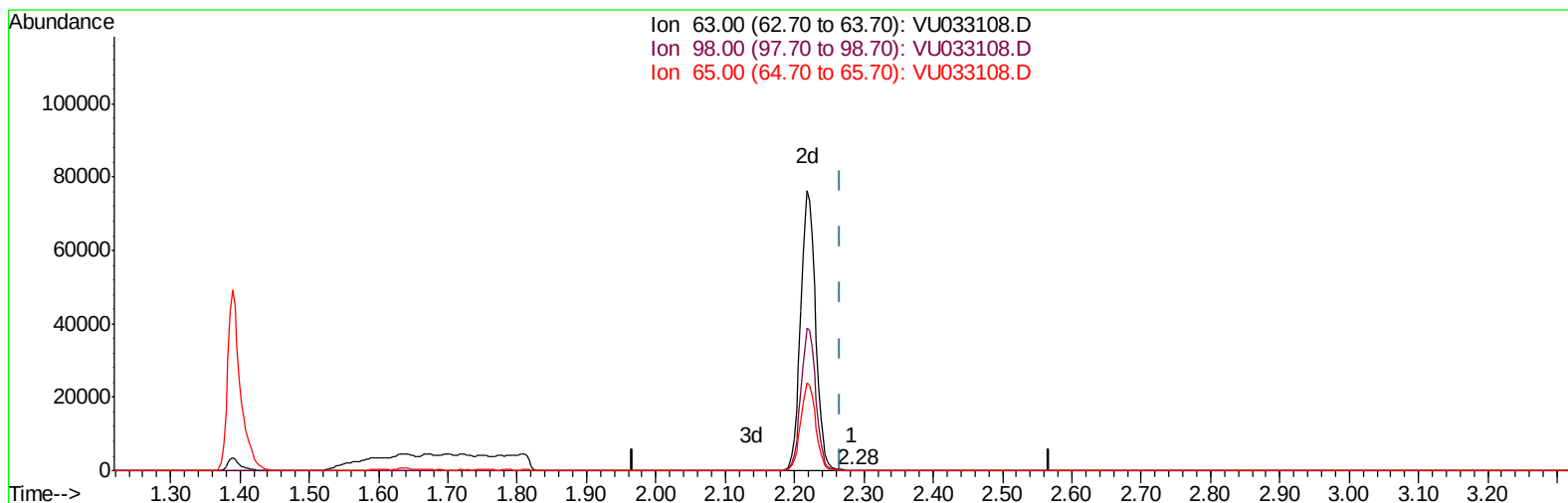
Data File : VU033108.D
Acq On : 01 Jul 2019 12:26
Operator : JC/SP
Sample : K3599-18
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM27

Manual Integrations
APPROVED

MMDadoda
7/3/2019 8:59:46 AM

Quant Time: Jul 02 04:20:26 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: VU033108.D

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

2.283min (+0.016) 0.02ug/L

response 68

Ion	Exp%	Act%
63.00	100	100
98.00	69.60	0.00#
65.00	23.50	0.00#
0.00	0.00	0.00

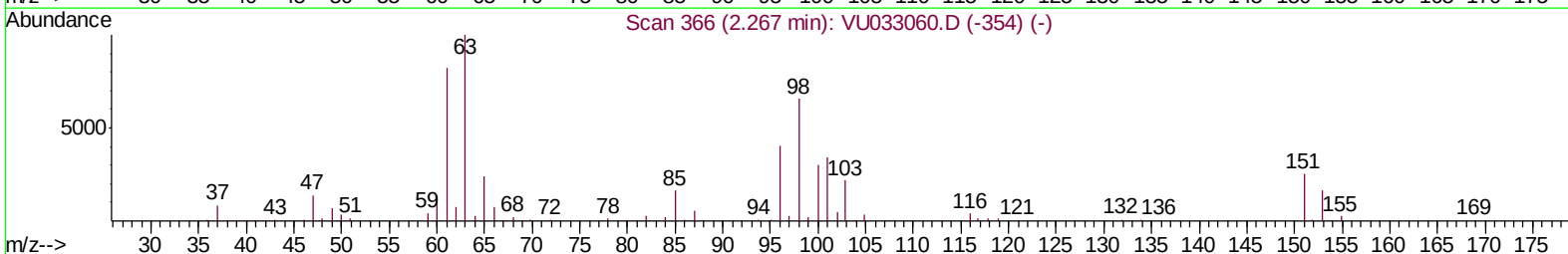
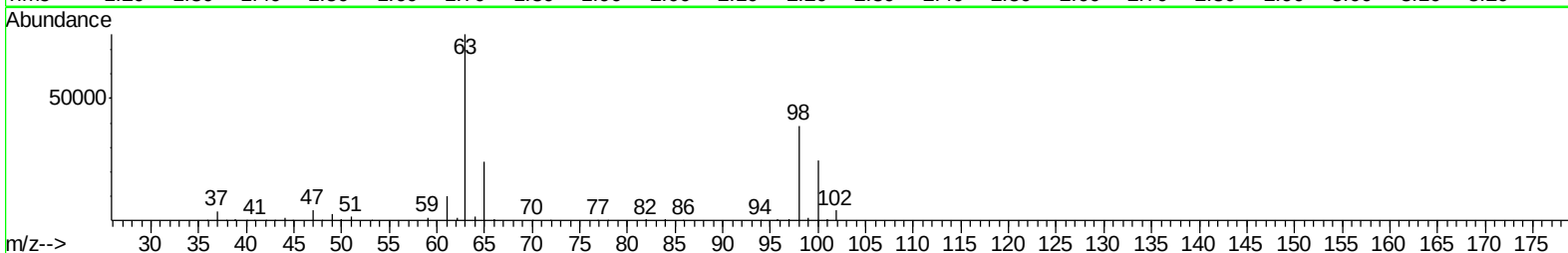
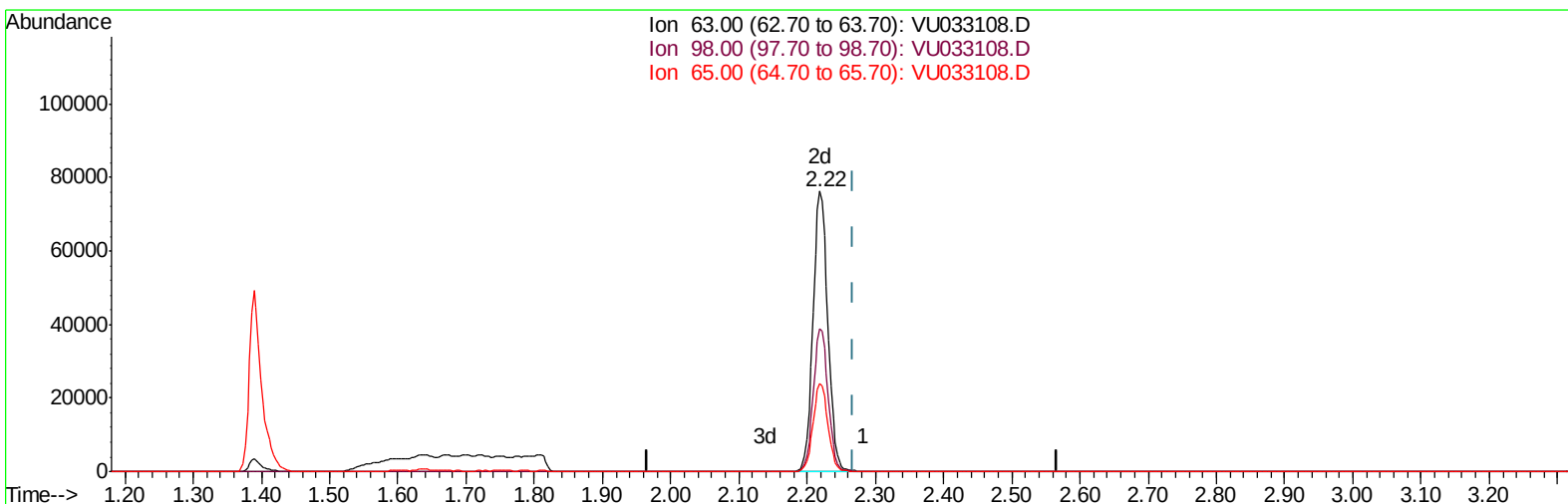
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TIC: VU033108.D

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

2.219min (-0.049) 34.51ug/L m

response 113969

Ion	Exp%	Act%
63.00	100	100
98.00	69.60	0.00#
65.00	23.50	0.00#
0.00	0.00	0.00

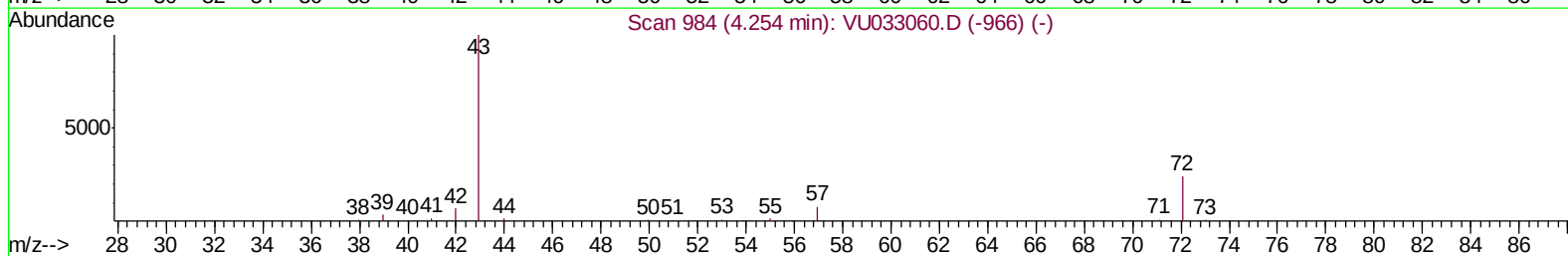
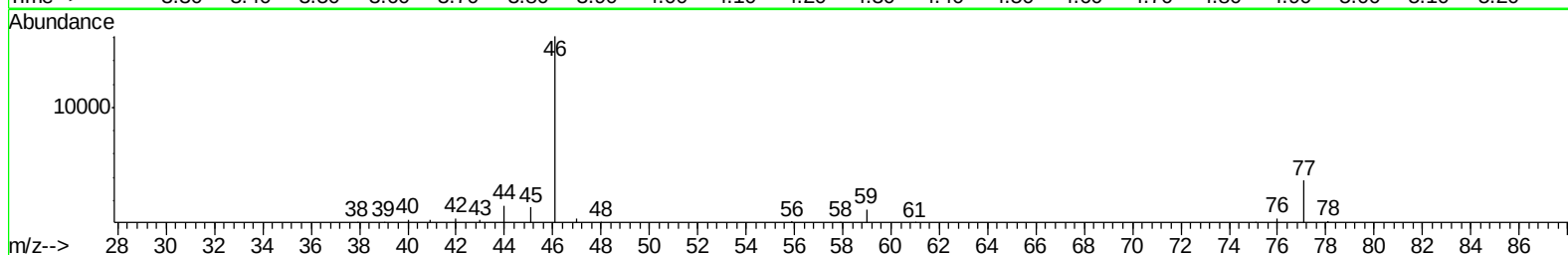
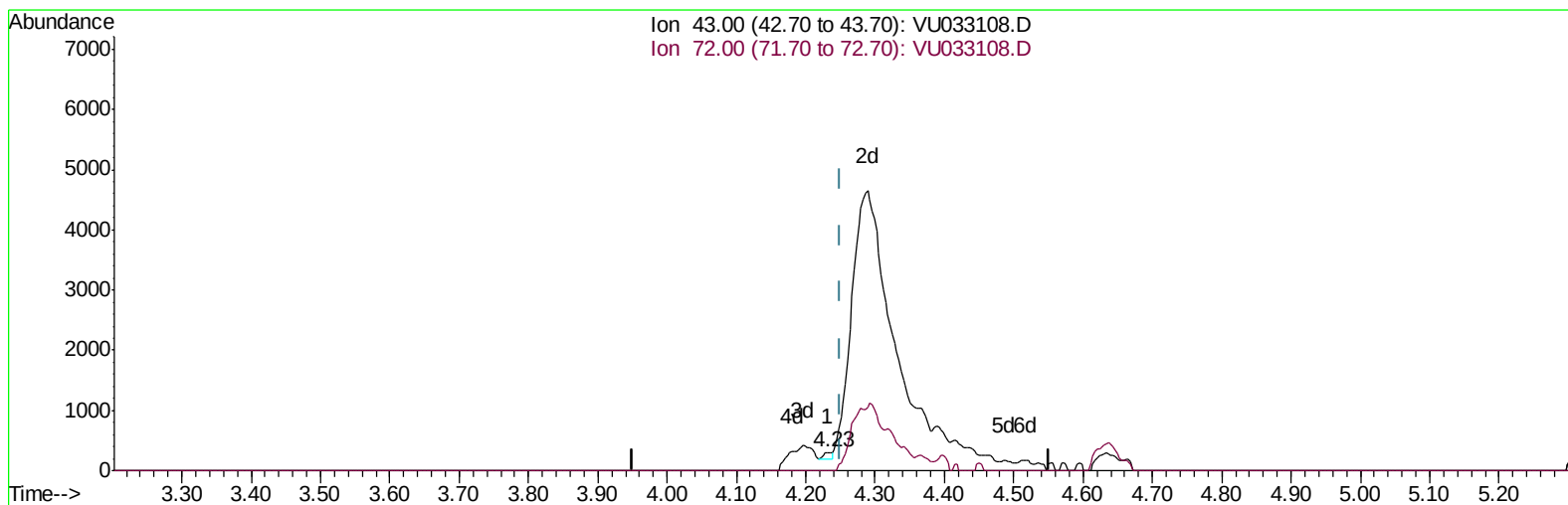
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TIC: VU033108.D

(22) 2-Butanone (T)
4.231min (-0.020) 0.05ug/L

response 93

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

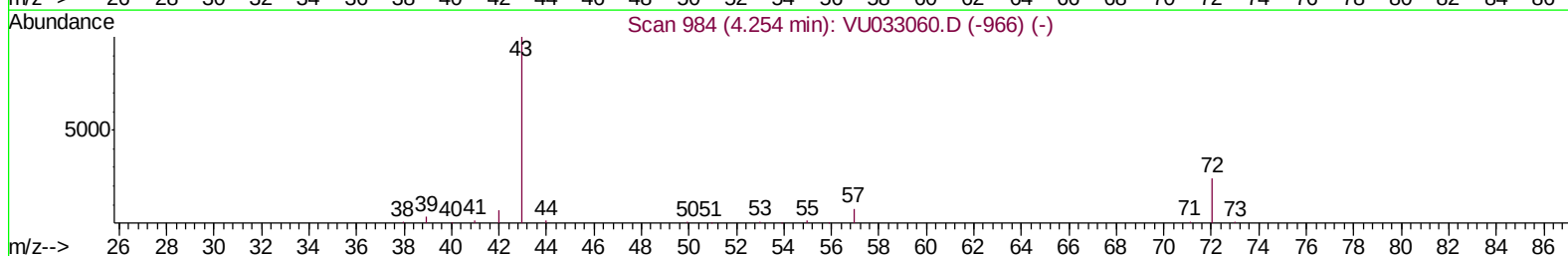
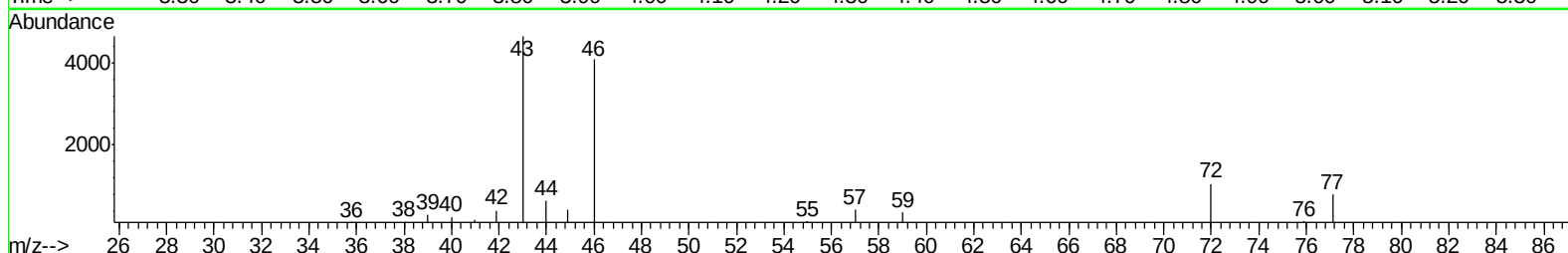
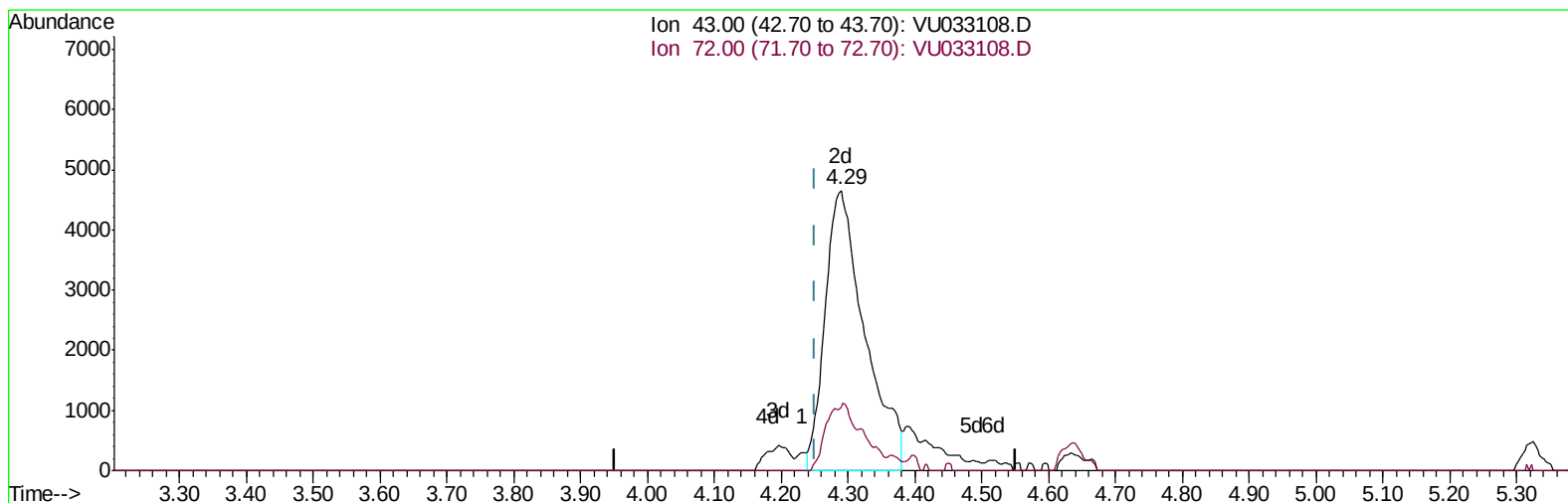
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TIC: VU033108.D

(22) 2-Butanone (T)
4.289min (+0.038) 9.85ug/L m
response 19241

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

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Manual Integrations
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Quant Time: Jul 02 06:41:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	239889	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	241638	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122405	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62918	38.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.76%
7) Chloroethane-d5	1.64	69	45772	35.01	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.02%
11) 1,1-Dichloroethene-d2	2.22	63	113969m	34.51	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.02%
21) 2-Butanone-d5	4.19	46	157199	115.20	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.20%
24) Chloroform-d	4.63	84	156110	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	5.30	65	113377	53.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.82%
32) Benzene-d6	5.32	84	299621	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
36) 1,2-Dichloropropane-d6	6.32	67	99094	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.76%
41) Toluene-d8	7.56	98	268738	45.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%
43) trans-1,3-Dichloropropene-	7.85	79	47825	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.64%
47) 2-Hexanone-d5	8.32	63	97027	103.56	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158480	51.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	113410	47.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.76%

Target Compounds					Qvalue
22) 2-Butanone	4.29	43	19241m	9.850	ug/L

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

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