

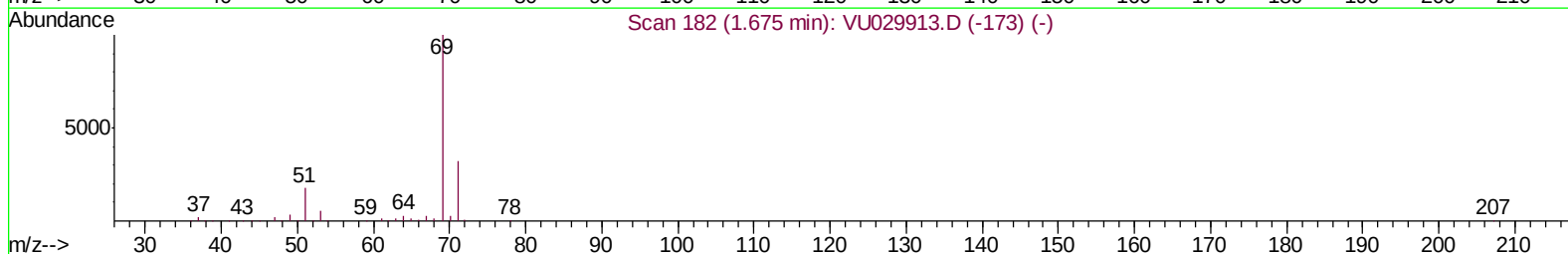
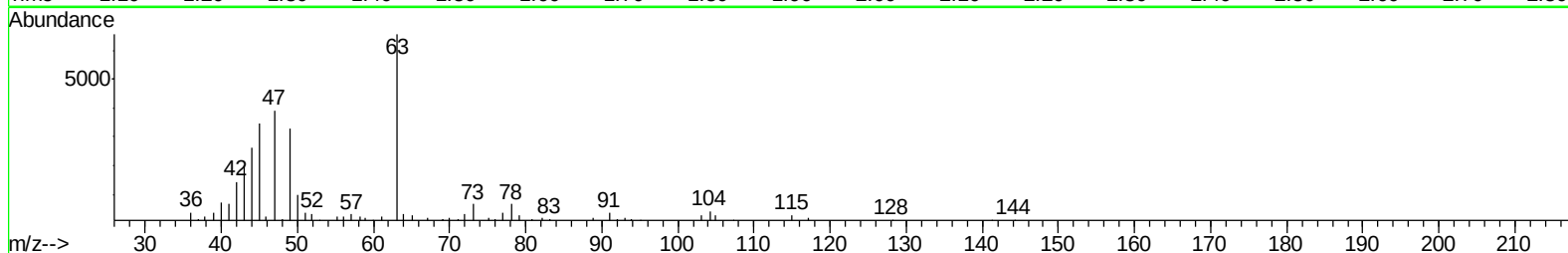
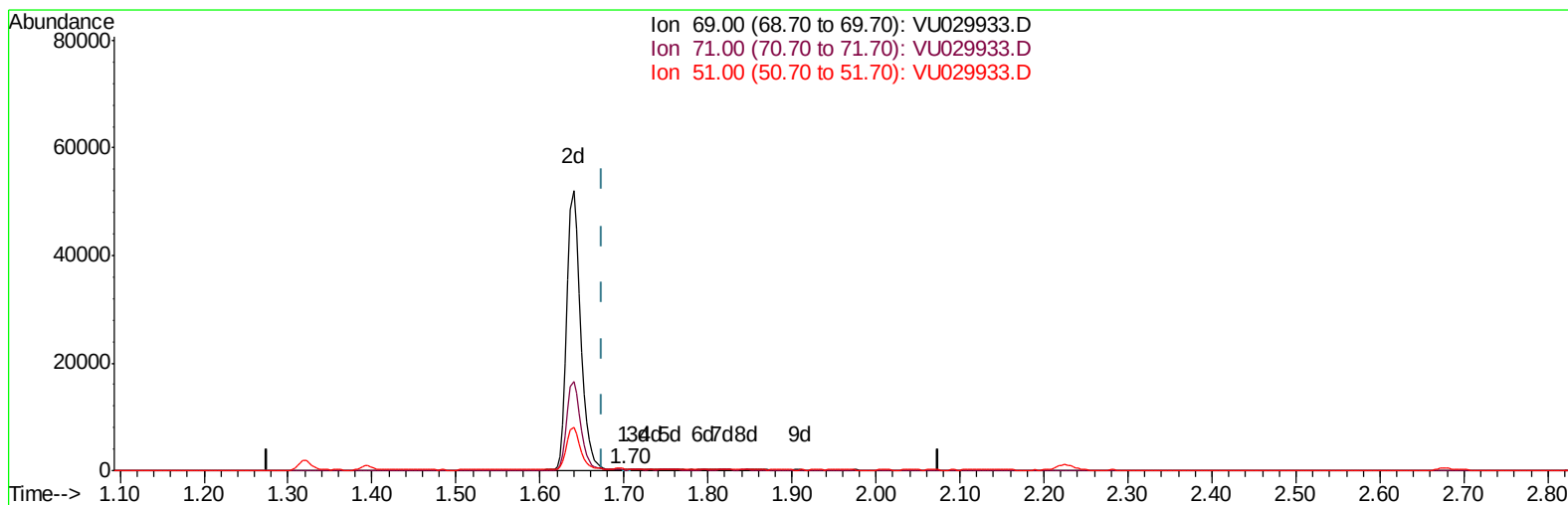
Data File : VU029933.D
Acq On : 09 Mar 2019 20:21
Operator : JC/SP
Sample : K1838-06
Misc : 6.12g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2L3

Manual Integrations
APPROVED

MMDadoda
3/11/2019 11:12:53 AM

Quant Time: Mar 11 02:26:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration



TIC: VU029933.D

(7) Chloroethane-d5 (S)

1.701min (+0.026) 0.01ug/L

response 28

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	335.71#
51.00	24.10	807.14#
0.00	0.00	0.00

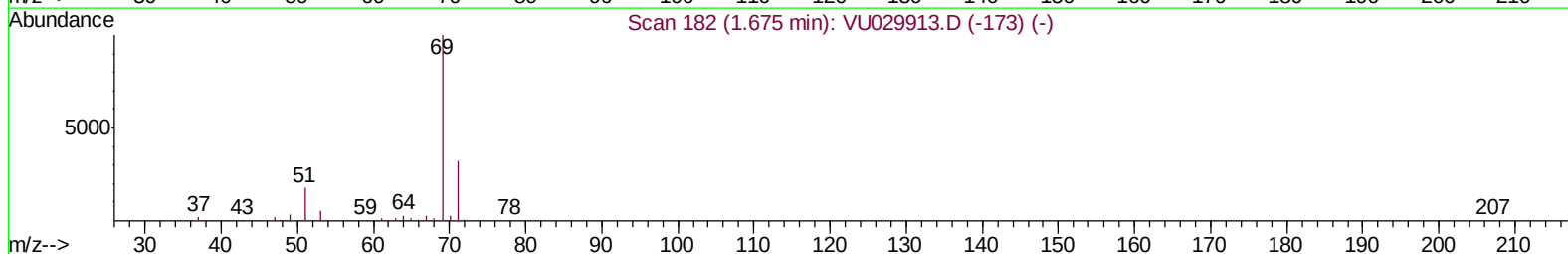
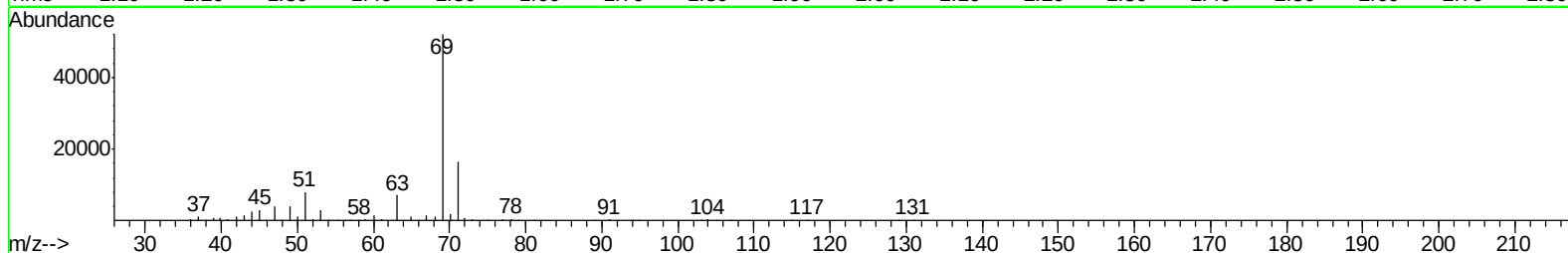
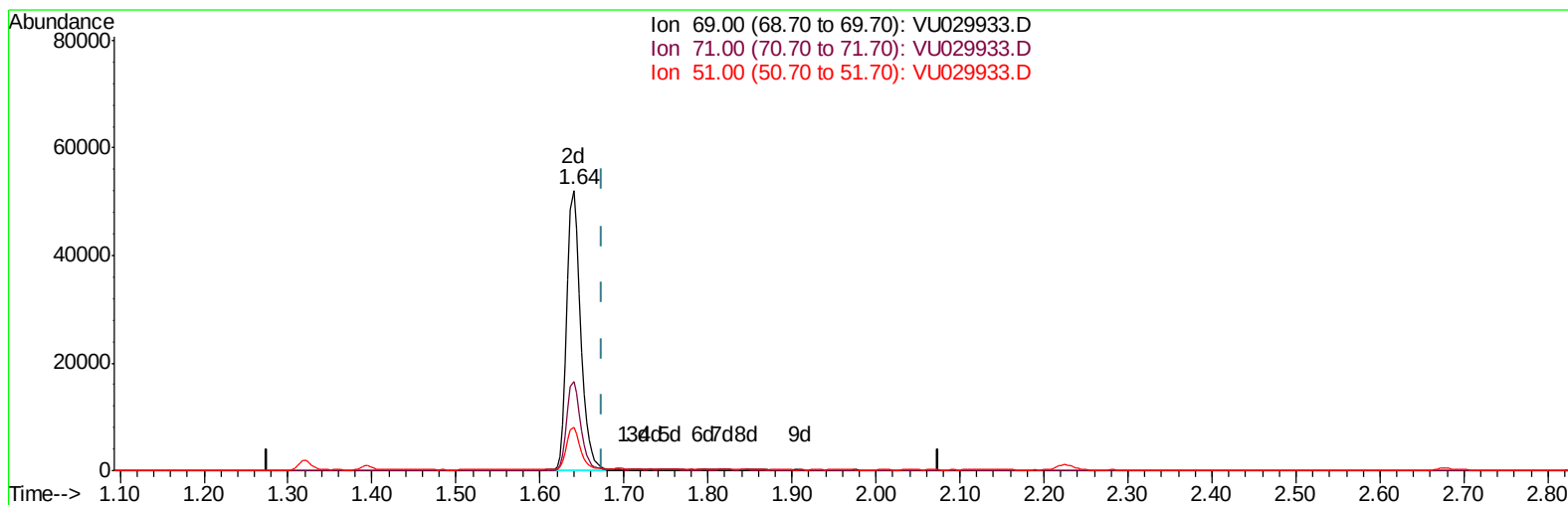
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TIC: VU029933.D

(7) Chloroethane-d5 (S)

1.640min (-0.036) 19.85ug/L m

response 58832

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	0.16#
51.00	24.10	0.38#
0.00	0.00	0.00

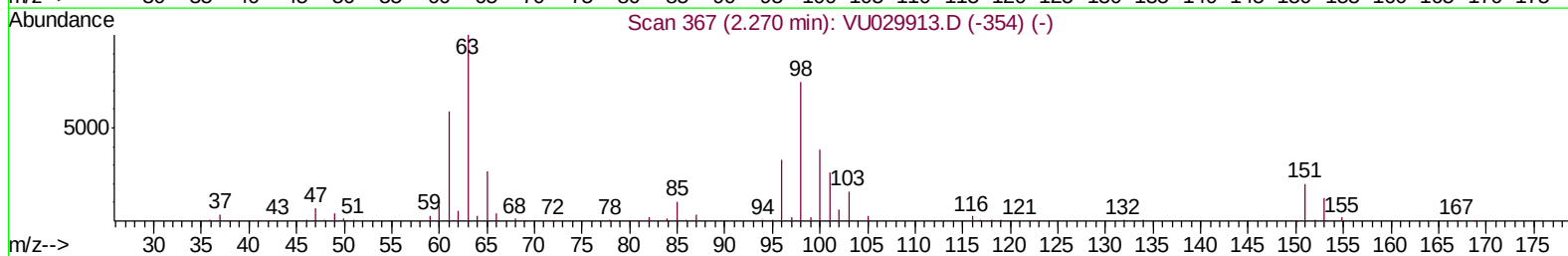
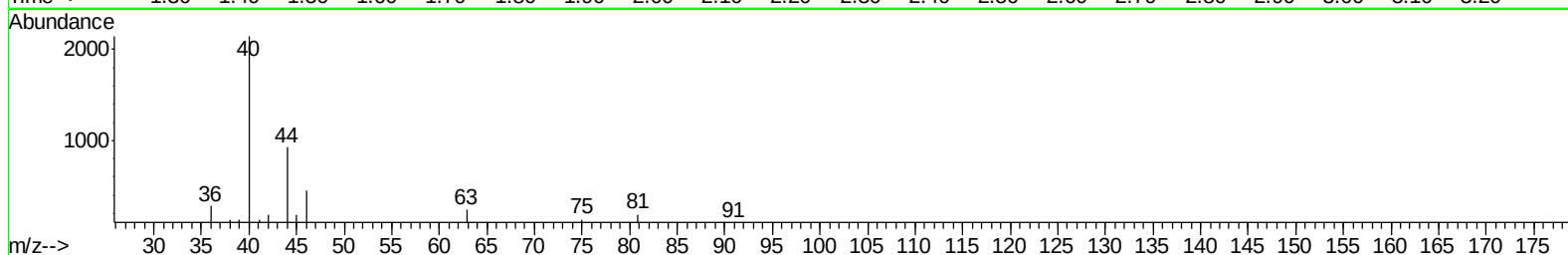
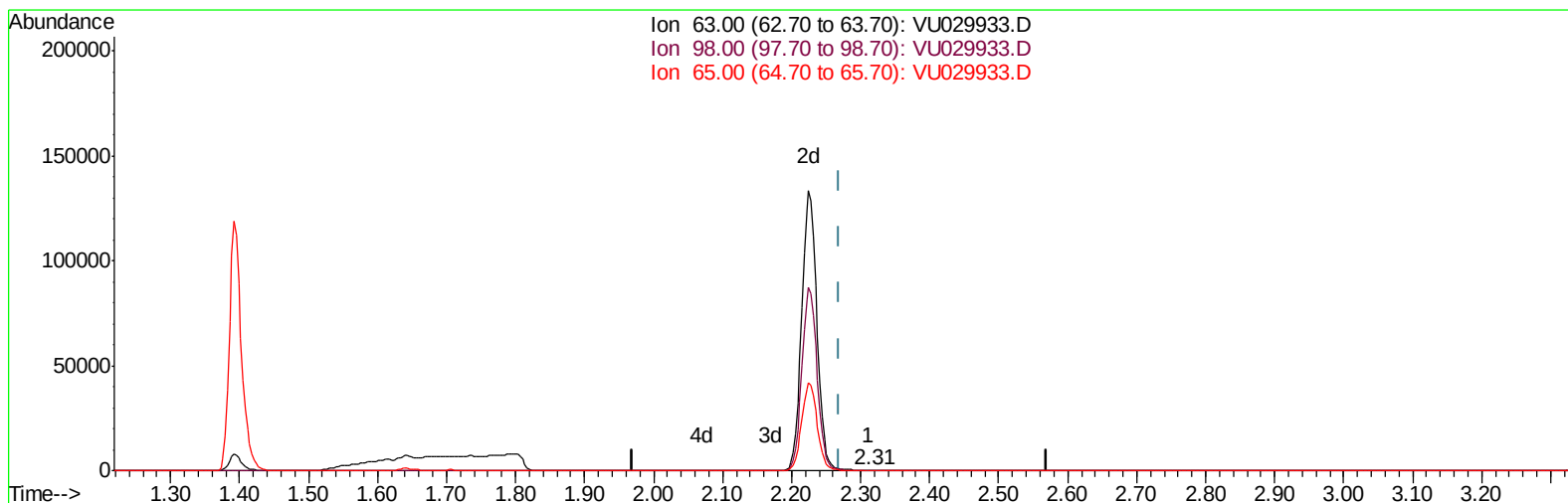
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Instrument :
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TIC: VU029933.D

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

2.312min (+0.042) 0.03ug/L

response 212

Ion	Exp%	Act%
63.00	100	100
98.00	82.90	0.00#
65.00	23.60	22.17
0.00	0.00	0.00

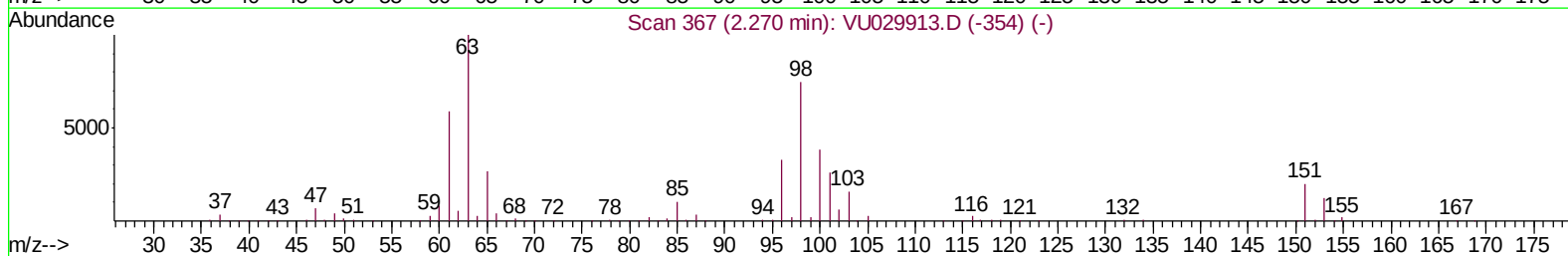
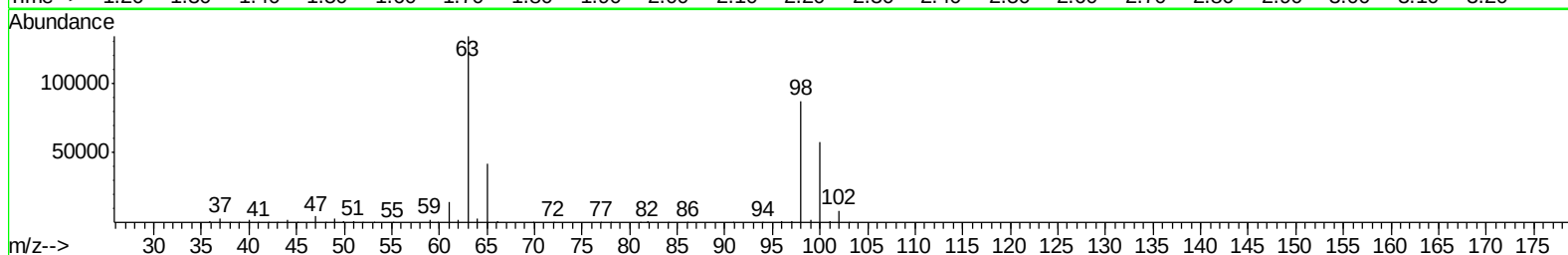
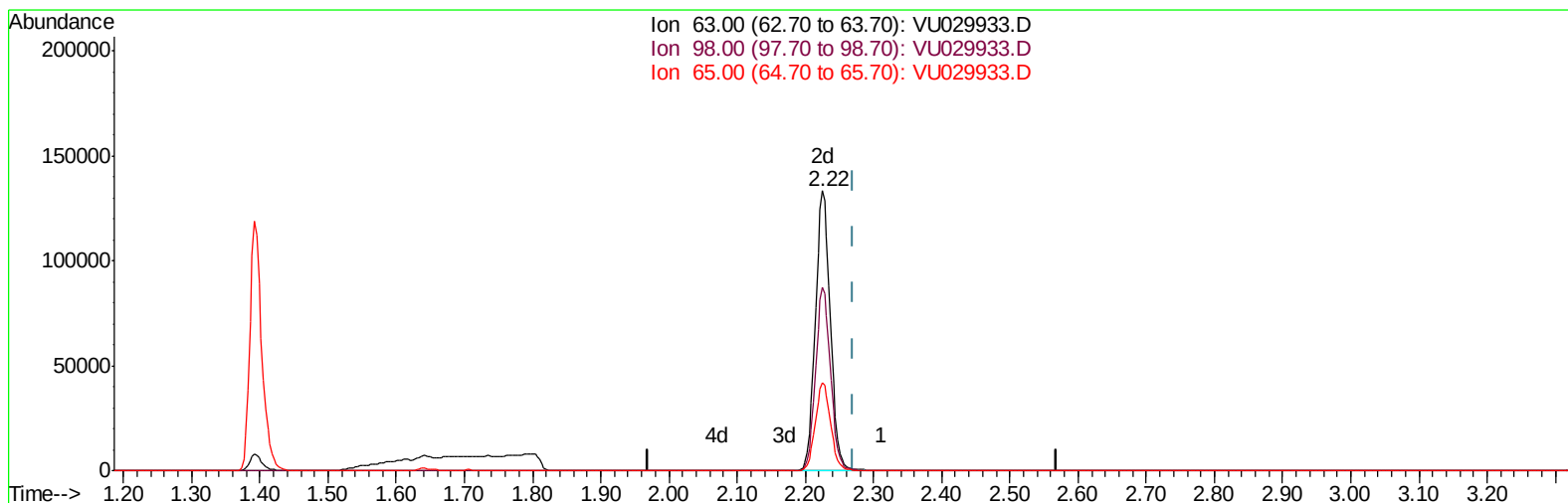
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Instrument :
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Manual Integrations
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TIC: VU029933.D

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

2.225min (-0.045) 30.58ug/L m

response 203200

Ion	Exp%	Act%
63.00	100	100
98.00	82.90	0.00#
65.00	23.60	0.02#
0.00	0.00	0.00

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Manual Integrations
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Quant Time: Mar 11 04:16:20 2019
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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	577842	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	577454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	298307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143196	40.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.24%
7) Chloroethane-d5	1.64	69	58832m	19.85	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.70%#
11) 1,1-Dichloroethene-d2	2.22	63	203200m	30.58	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.16%
21) 2-Butanone-d5	4.20	46	223862	81.96	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.96%
24) Chloroform-d	4.64	84	266525	38.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.68%
26) 1,2-Dichloroethane-d4	5.30	65	163662	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
32) Benzene-d6	5.33	84	585682	40.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.32	67	178578	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.18%
41) Toluene-d8	7.56	98	551692	39.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.90%#
43) trans-1,3-Dichloropropene-	7.85	79	80257	38.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.32%
47) 2-Hexanone-d5	8.32	63	206721	88.39	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293720	42.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	243869	41.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.36%

Target Compounds					Qvalue
3) Chloromethane	1.32	50	69676	11.945 ug/L	99
6) Bromomethane	1.60	94	3753	3.133 ug/L	92
46) Tetrachloroethene	8.22	164	71589	19.995 ug/L	97

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

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