

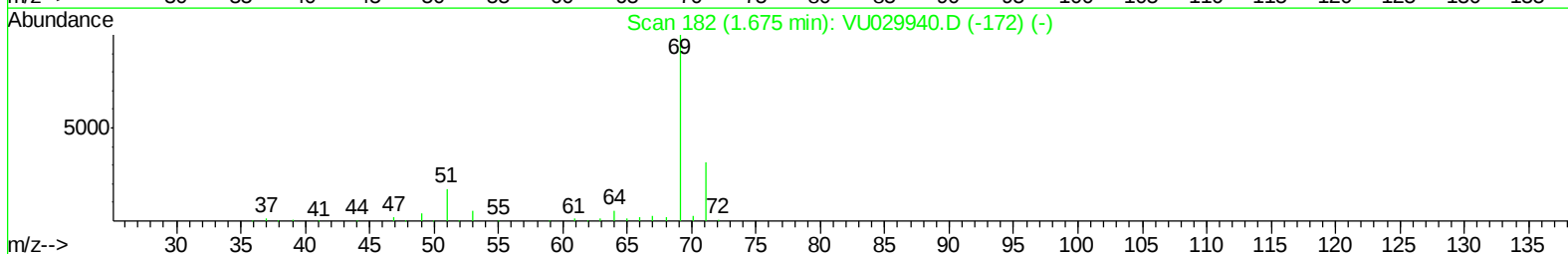
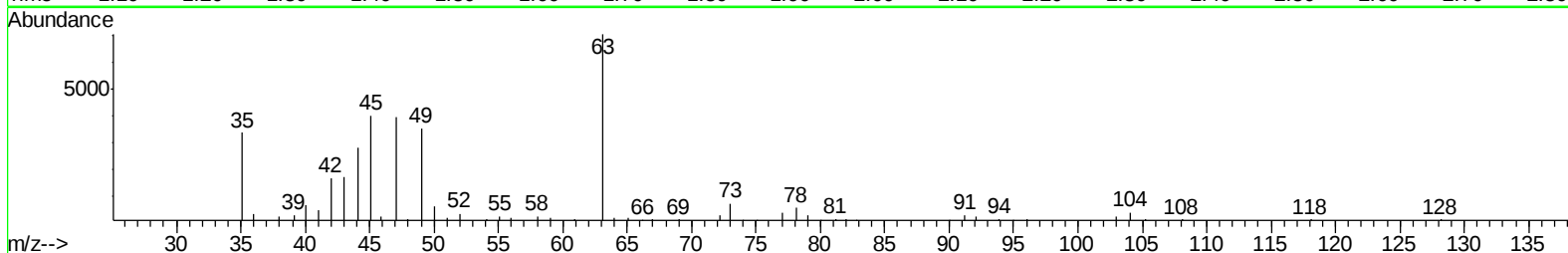
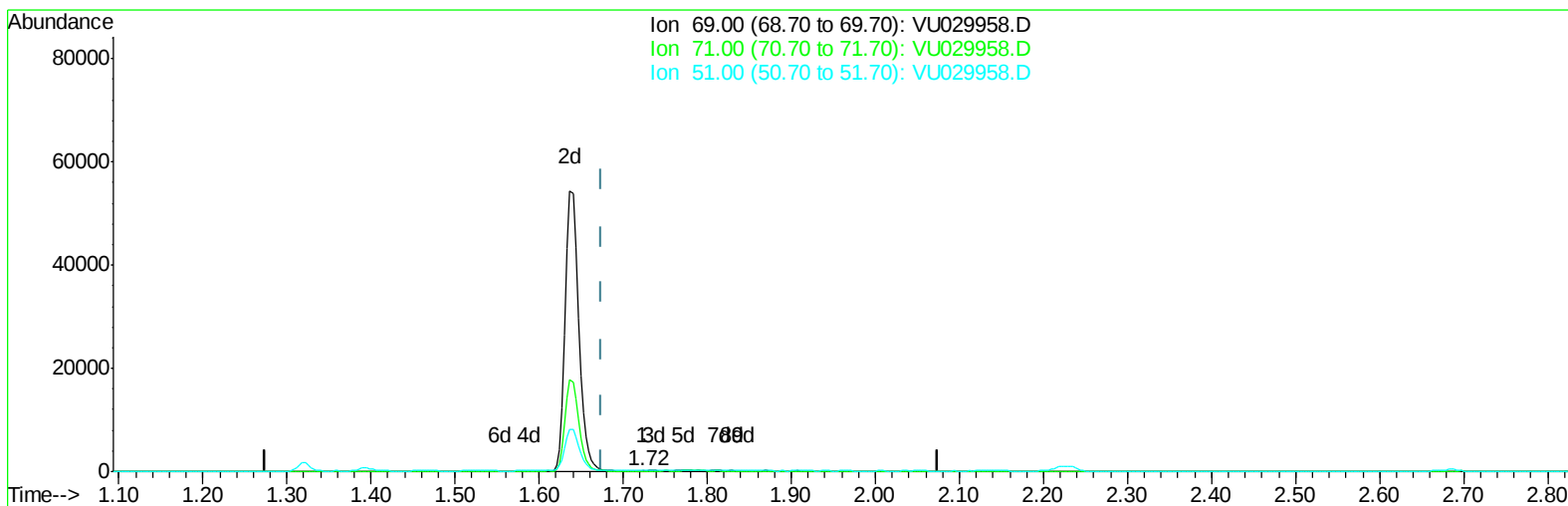
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
Data File : VU029958.D
Acq On : 10 Mar 2019 18:45
Operator : JC/SP
Sample : K1818-19
Misc : 5.65g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0R9

Manual Integrations
APPROVED

MMDadoda
3/11/2019 11:48:39 AM

Quant Time: Mar 11 07:16:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration



TIC: VU029958.D

(7) Chloroethane-d5 (S)

1.724min (+0.048) 0.03ug/L

response 77

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	83.12#
51.00	24.10	70.13#
0.00	0.00	0.00

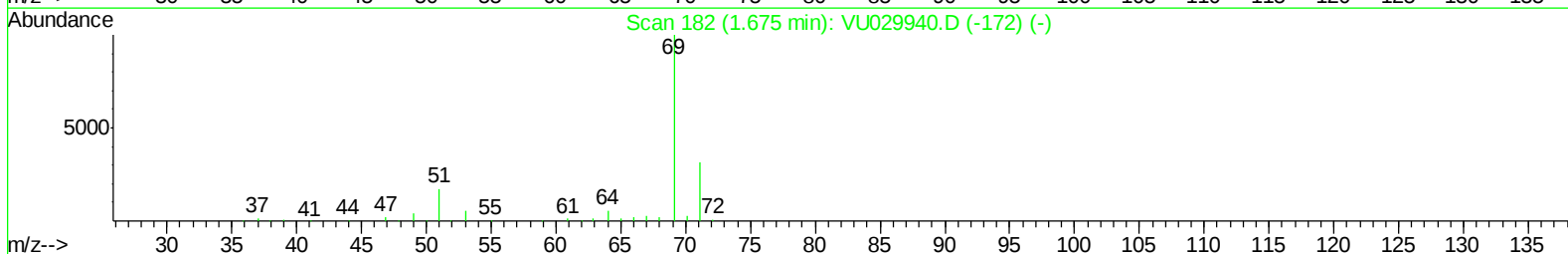
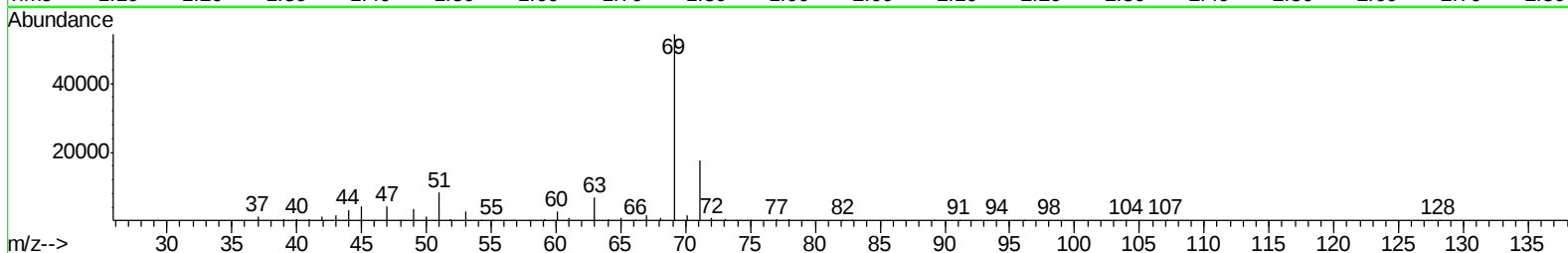
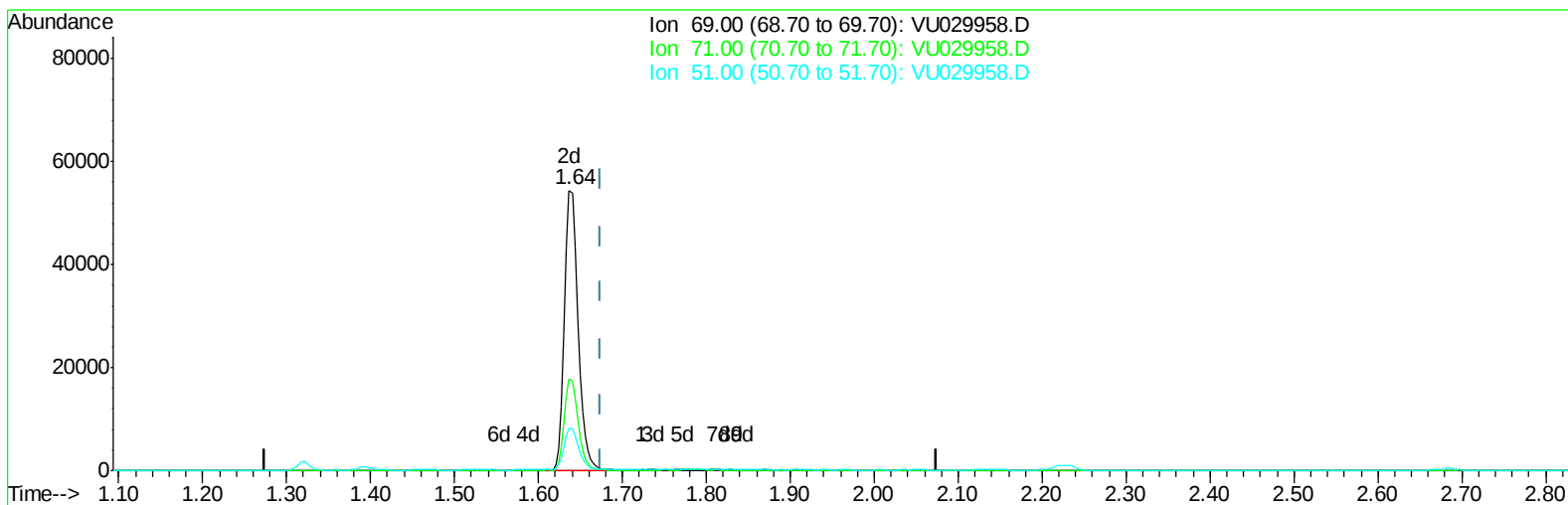
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TIC: VU029958.D

(7) Chloroethane-d5 (S)

1.637min (-0.039) 19.89ug/L m

response 60945

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	0.11#
51.00	24.10	0.09#
0.00	0.00	0.00

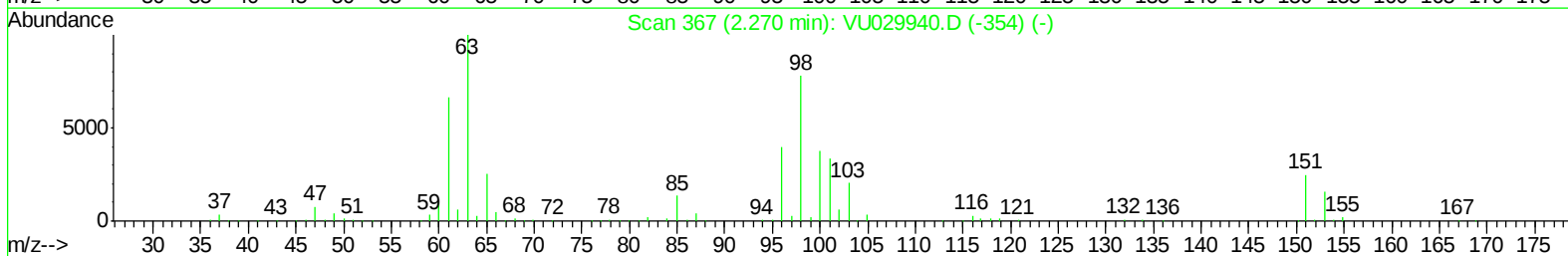
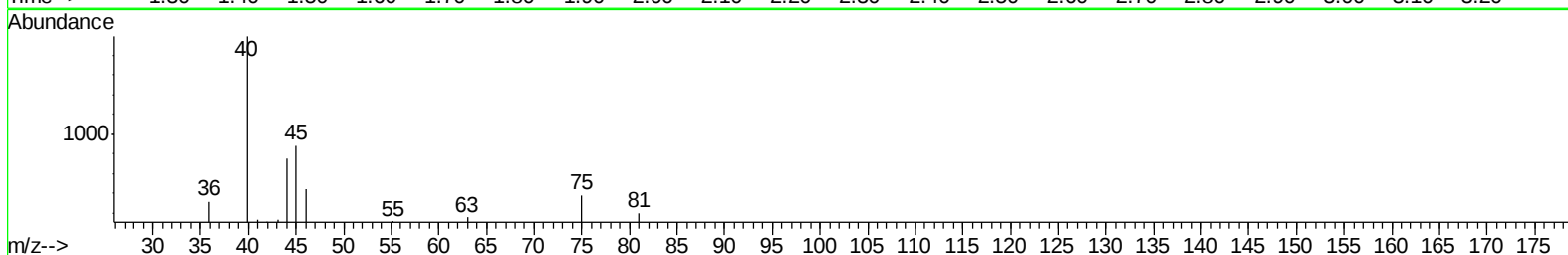
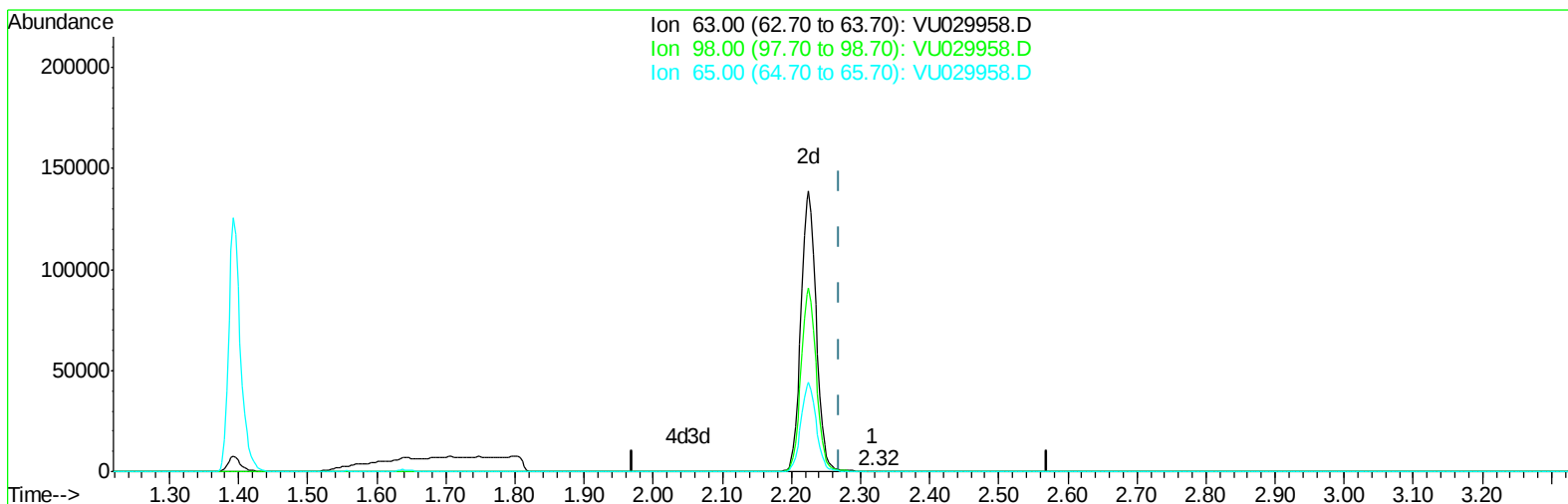
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Instrument :
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ClientSampleId :
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TIC: VU029958.D

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

2.318min (+0.048) 0.02ug/L

response 122

Ion	Exp%	Act%
63.00	100	100
98.00	82.90	0.00#
65.00	23.60	117.21#
0.00	0.00	0.00

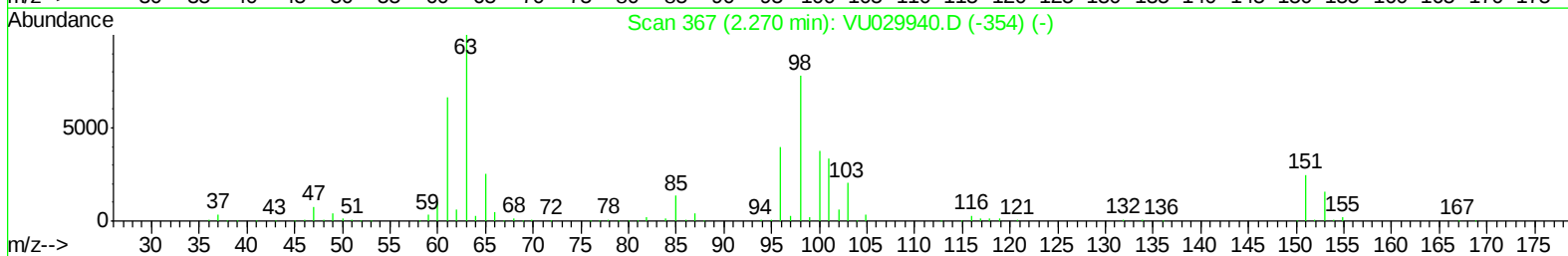
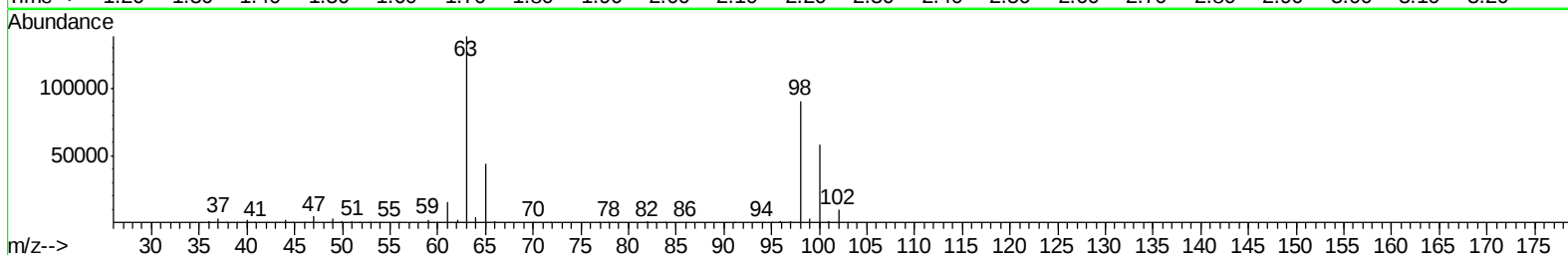
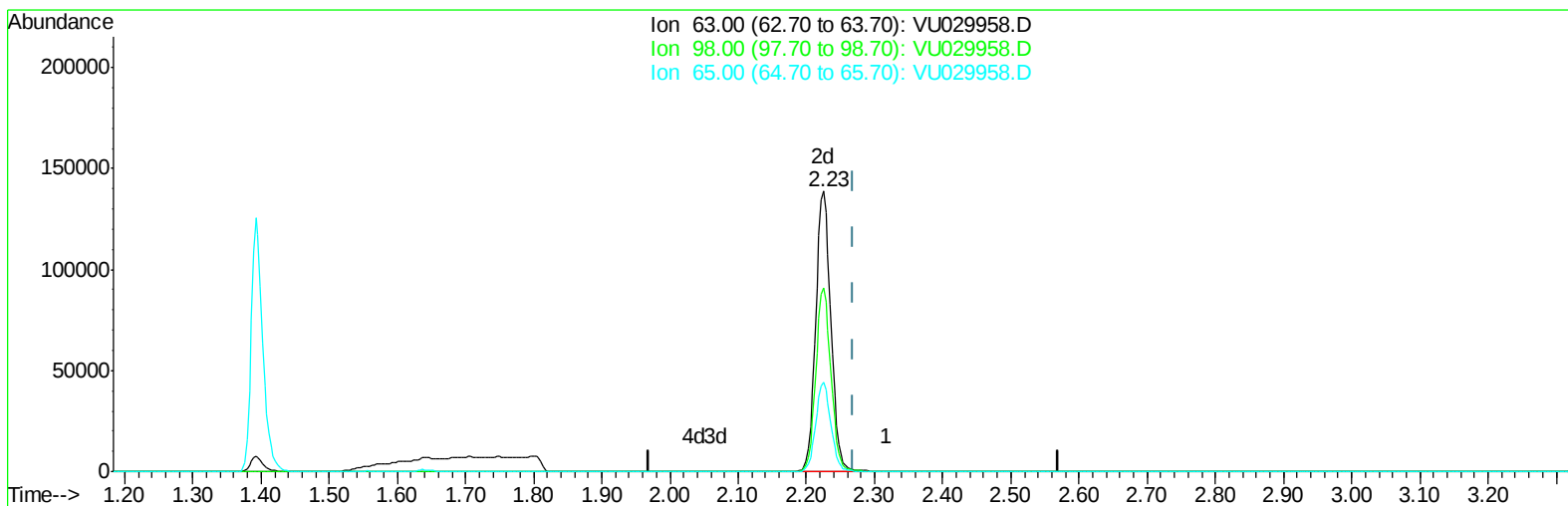
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Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations
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TIC: VU029958.D

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

2.225min (-0.045) 30.88ug/L m

response 212106

Ion	Exp%	Act%
63.00	100	100
98.00	82.90	0.00#
65.00	23.60	0.07#
0.00	0.00	0.00

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Manual Integrations
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Quant Time: Mar 11 08:40:38 2019
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 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 07:10:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	597253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	583175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	297767	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147822	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.14%
7) Chloroethane-d5	1.64	69	60945m	19.89	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.78%#
11) 1,1-Dichloroethene-d2	2.23	63	212106m	30.88	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.76%
21) 2-Butanone-d5	4.20	46	254224	90.05	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.05%
24) Chloroform-d	4.64	84	291411	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.18%
26) 1,2-Dichloroethane-d4	5.30	65	179183	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.24%
32) Benzene-d6	5.33	84	632541	43.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.06%
36) 1,2-Dichloropropane-d6	6.32	67	193394	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.12%
41) Toluene-d8	7.56	98	591403	42.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.82%
43) trans-1,3-Dichloropropene-	7.85	79	85918	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
47) 2-Hexanone-d5	8.32	63	219824	93.08	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320488	46.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	252054	43.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.32%

Target Compounds					Qvalue
3) Chloromethane	1.32	50	51597	8.558 ug/L	100
6) Bromomethane	1.60	94	3080	2.487 ug/L	78

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

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