

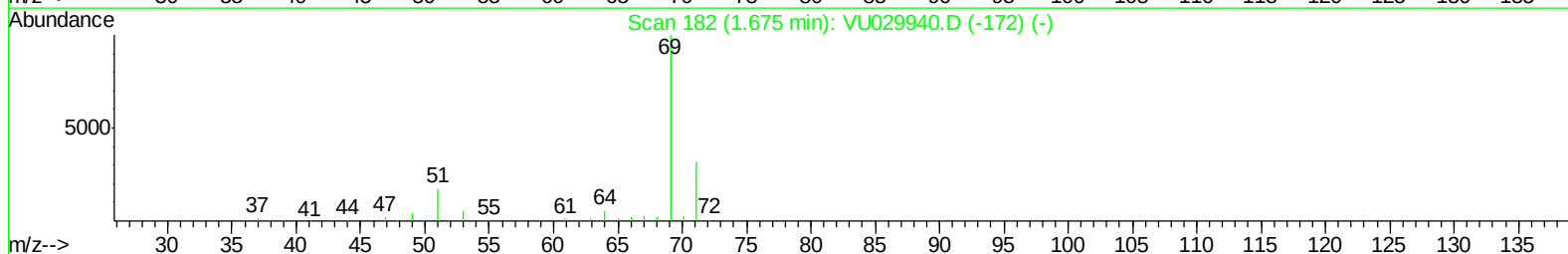
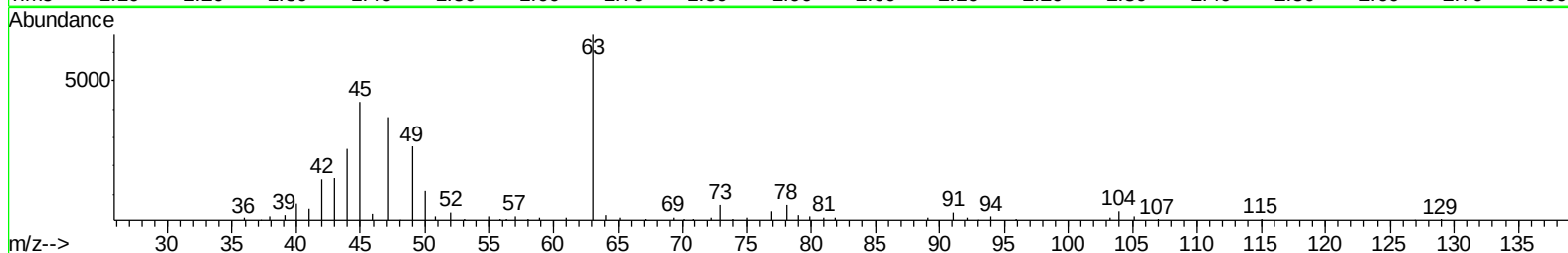
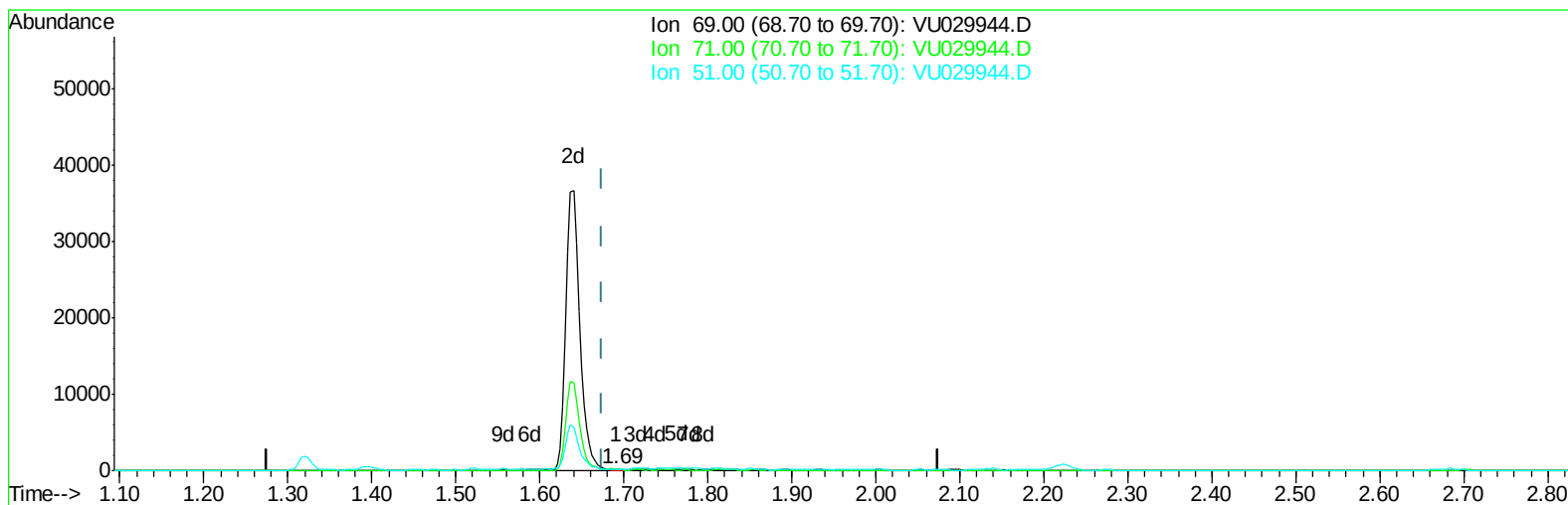
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
Data File : VU029944.D
Acq On : 10 Mar 2019 13:19
Operator : JC/SP
Sample : K1789-10ME
Misc : 5.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0P6ME

Manual Integrations
APPROVED

MMDadoda
3/11/2019 11:47:32 AM

Quant Time: Mar 11 07:13:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration



TIC: VU029944.D

(7) Chloroethane-d5 (S)

1.691min (+0.016) 0.03ug/L

response 129

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	132.56#
51.00	24.10	31.78#
0.00	0.00	0.00

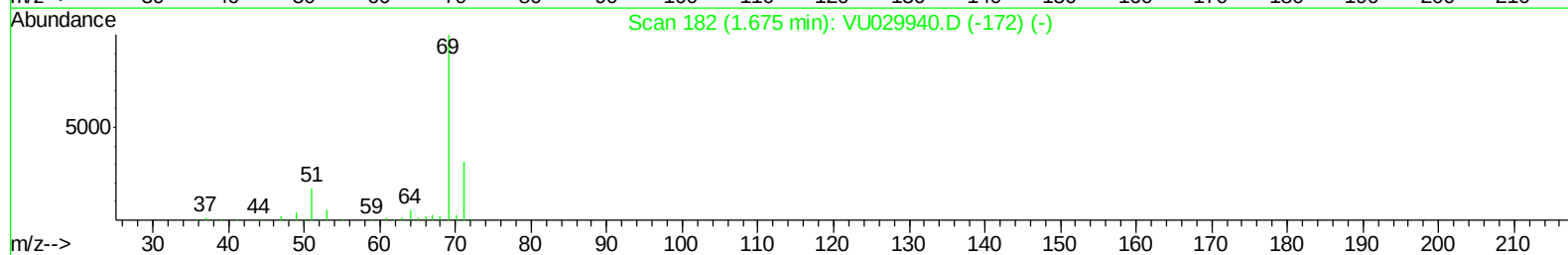
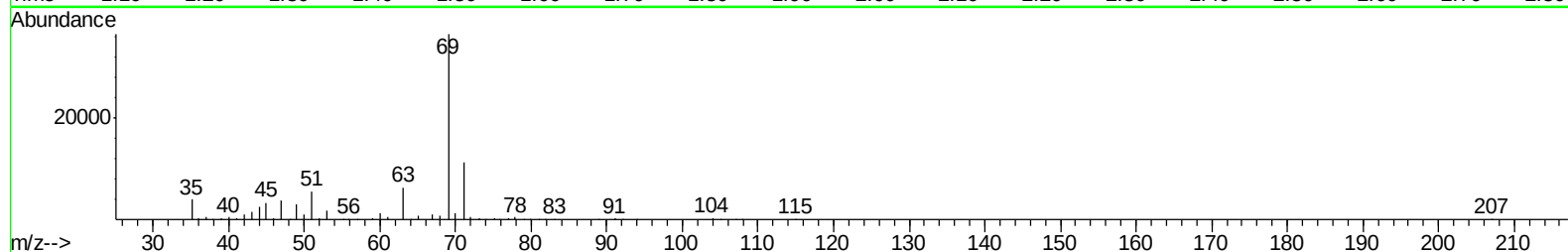
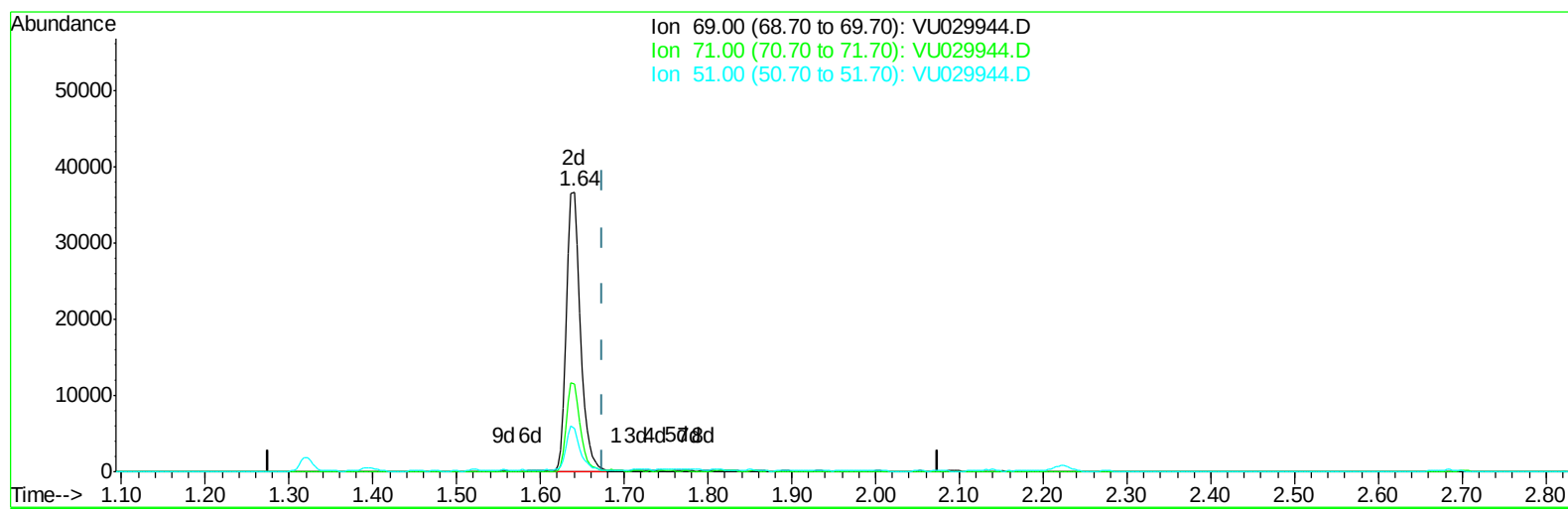
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
 Data File : VU029944.D
 Acq On : 10 Mar 2019 13:19
 Operator : JC/SP
 Sample : K1789-10ME
 Misc : 5.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P6ME

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:47:32 AM

Quant Time: Mar 11 07:13:43 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: VU029944.D

(7) Chloroethane-d5 (S)

1.640min (-0.035) 11.37ug/L m

response 41971

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	0.41#
51.00	24.10	0.10#
0.00	0.00	0.00

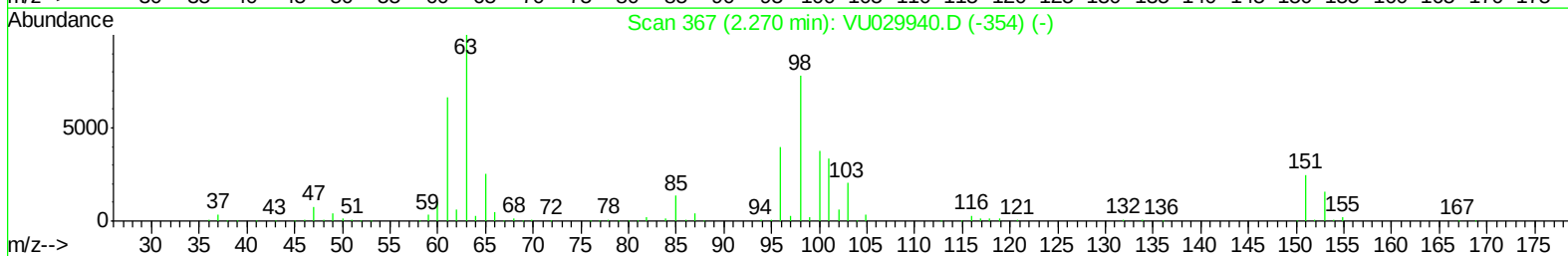
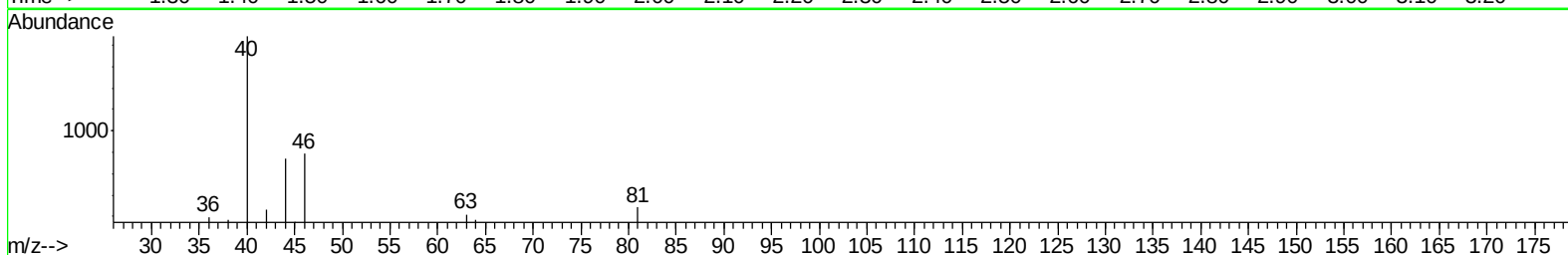
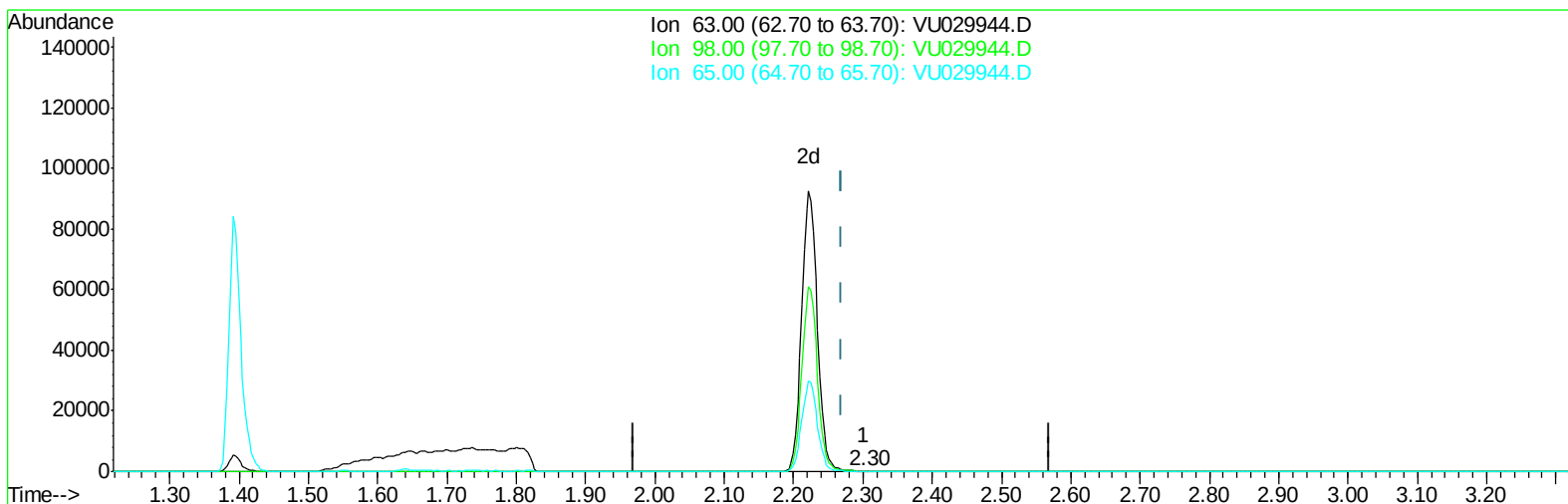
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
Data File : VU029944.D
Acq On : 10 Mar 2019 13:19
Operator : JC/SP
Sample : K1789-10ME
Misc : 5.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0P6ME

Manual Integrations
APPROVED

MMDadoda
3/11/2019 11:47:32 AM

Quant Time: Mar 11 07:13:43 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: VU029944.D

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

2.302min (+0.032) 0.02ug/L

response 146

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

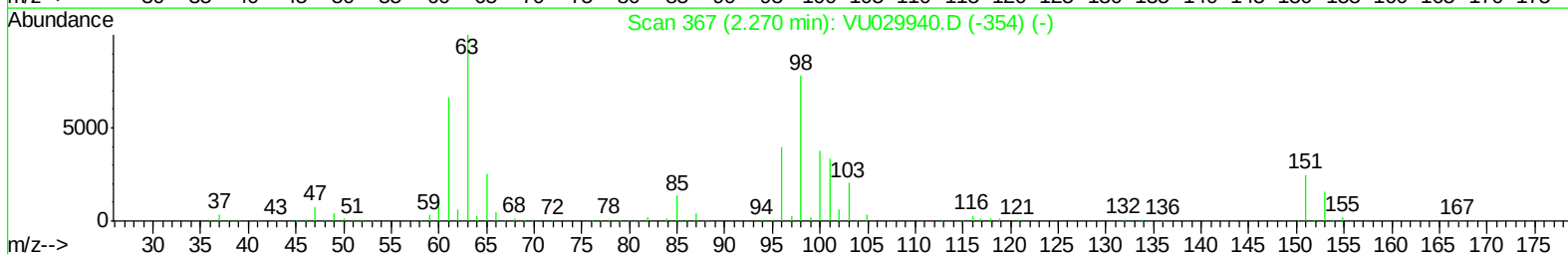
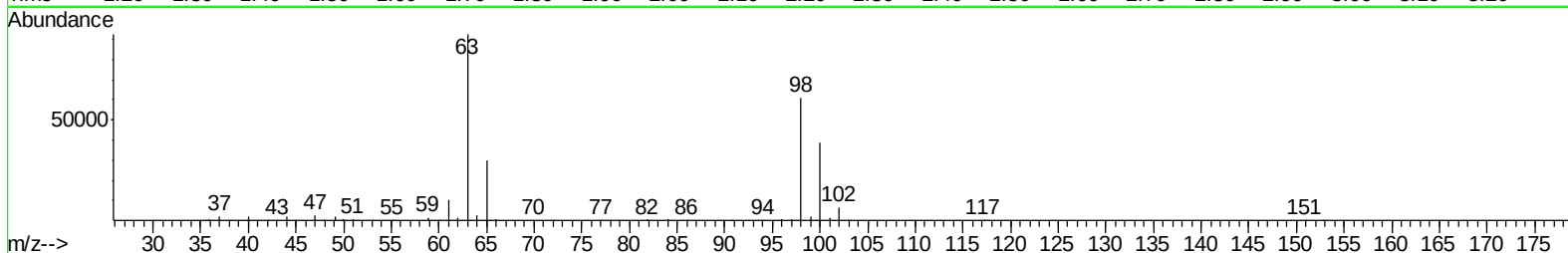
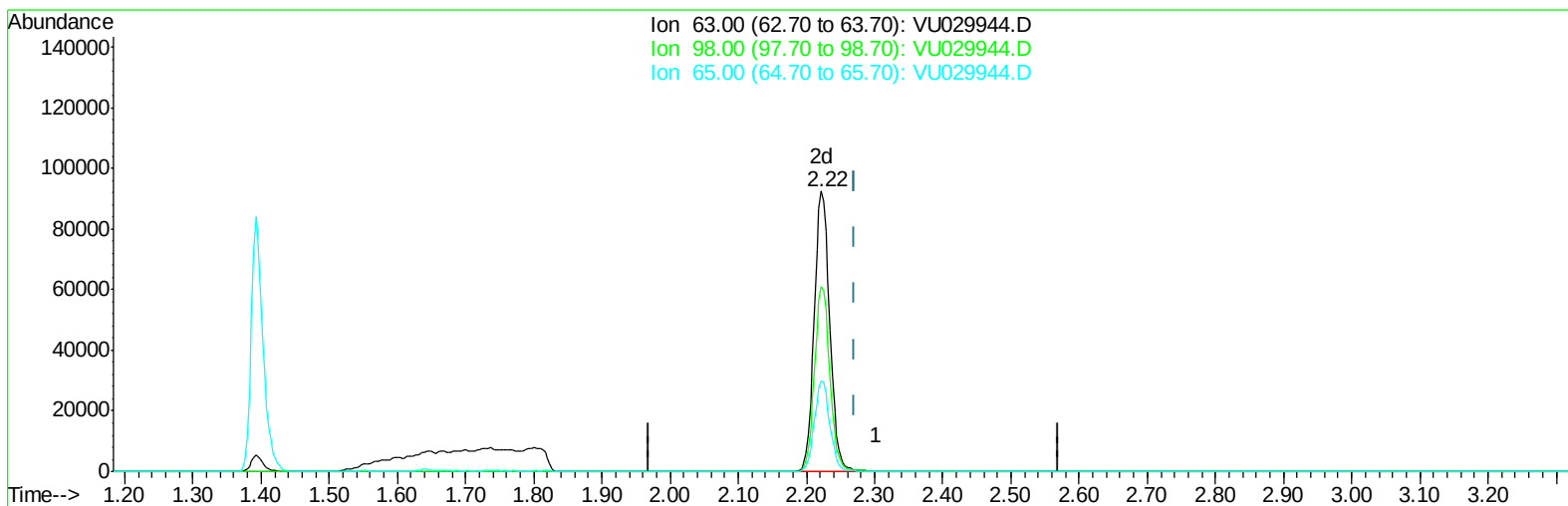
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
 Data File : VU029944.D
 Acq On : 10 Mar 2019 13:19
 Operator : JC/SP
 Sample : K1789-10ME
 Misc : 5.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P6ME

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:47:32 AM

Quant Time: Mar 11 07:13:43 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: VU029944.D

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

2.222min (-0.048) 17.57ug/L m

response 145478

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
 Data File : VU029944.D
 Acq On : 10 Mar 2019 13:19
 Operator : JC/SP
 Sample : K1789-10ME
 Misc : 5.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P6ME

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 11:47:32 AM

Quant Time: Mar 11 07:42:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 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	719880	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	711174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	358045	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	101782	23.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	46.34%#
7) Chloroethane-d5	1.64	69	41971m	11.37	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	22.74%#
11) 1,1-Dichloroethene-d2	2.22	63	145478m	17.57	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	35.14%#
21) 2-Butanone-d5	4.20	46	167155	49.12	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	49.12%
24) Chloroform-d	4.64	84	194838	22.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.58%#
26) 1,2-Dichloroethane-d4	5.30	65	122120	24.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.76%#
32) Benzene-d6	5.33	84	425671	24.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.04%#
36) 1,2-Dichloropropane-d6	6.32	67	129190	24.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	48.26%#
41) Toluene-d8	7.56	98	394817	23.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	46.44%#
43) trans-1,3-Dichloropropene-	7.85	79	58542	22.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.20%#
47) 2-Hexanone-d5	8.32	63	145075	50.37	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	50.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	210402	24.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	49.78%#
64) 1,2-Dichlorobenzene-d4	11.86	152	167280	23.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	47.64%#

Target Compounds					Qvalue
3) Chloromethane	1.32	50	59220	8.150 ug/L	99
6) Bromomethane	1.59	94	3934	2.636 ug/L	90
46) Tetrachloroethene	8.22	164	6505	1.475 ug/L	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
Data File : VU029944.D
Acq On : 10 Mar 2019 13:19
Operator : JC/SP
Sample : K1789-10ME
Misc : 5.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0P6ME

Manual Integrations
APPROVED

MMDadoda
3/11/2019 11:47:32 AM

Quant Time: Mar 11 07:42:10 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

