

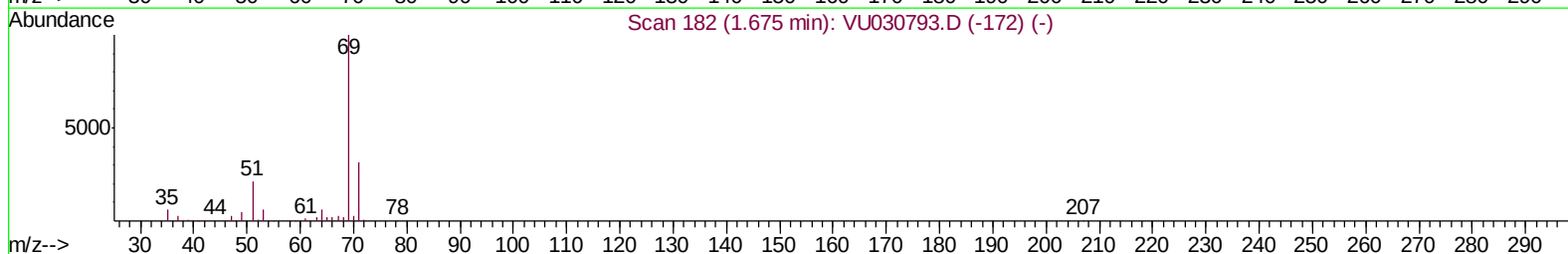
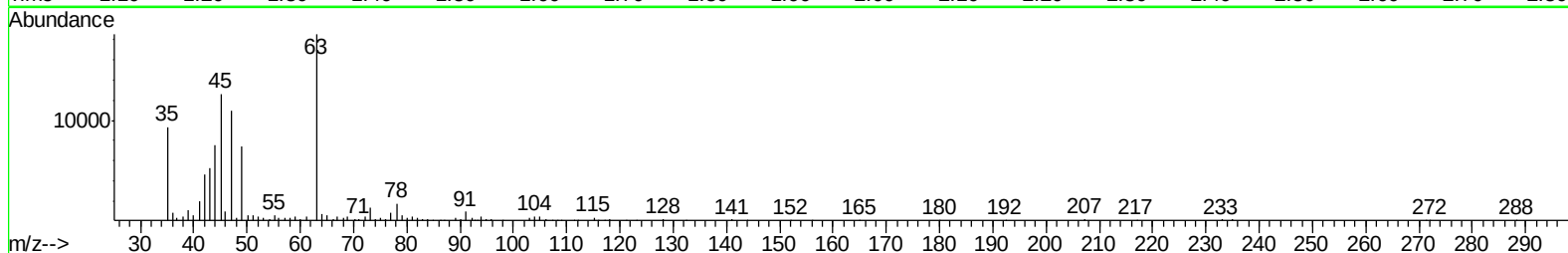
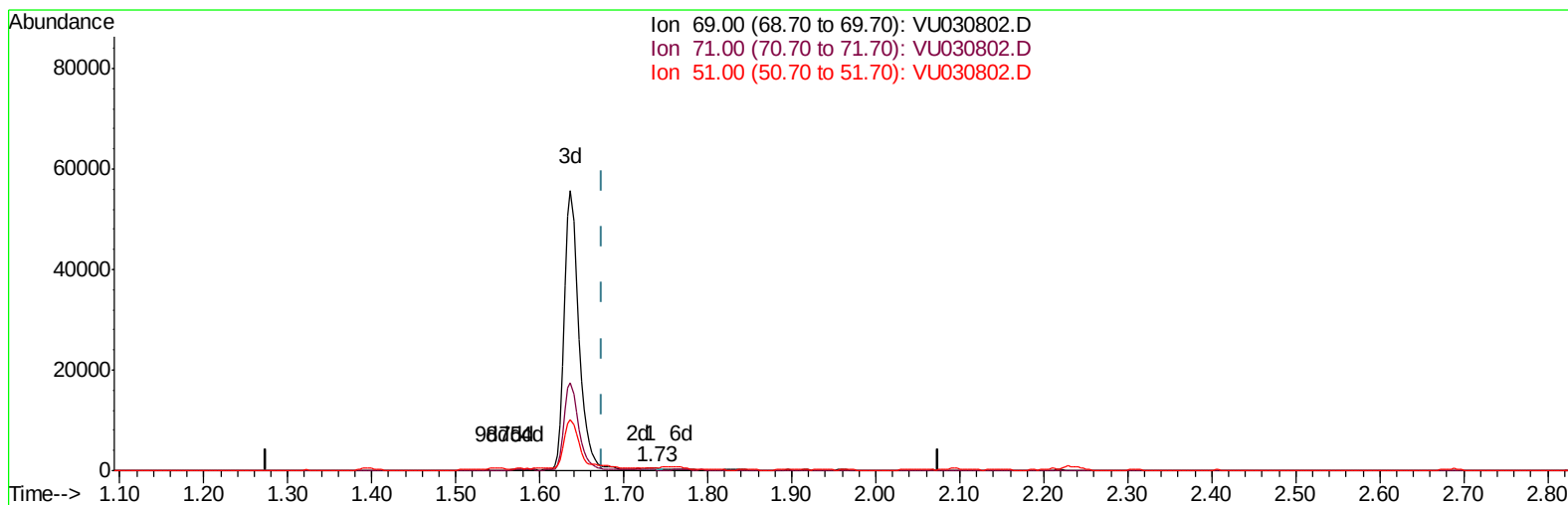
Data File : VU030802.D
Acq On : 06 Apr 2019 15:54
Operator : JC/SP
Sample : K2215-05ME
Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2M6ME

Manual Integrations
APPROVED

MMDadoda
4/10/2019 9:30:09 AM

Quant Time: Apr 08 05:05:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration



TIC: VU030802.D

(7) Chloroethane-d5 (S)

1.733min (+0.058) 0.11ug/L

response 367

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	30.25
51.00	27.70	28.34
0.00	0.00	0.00

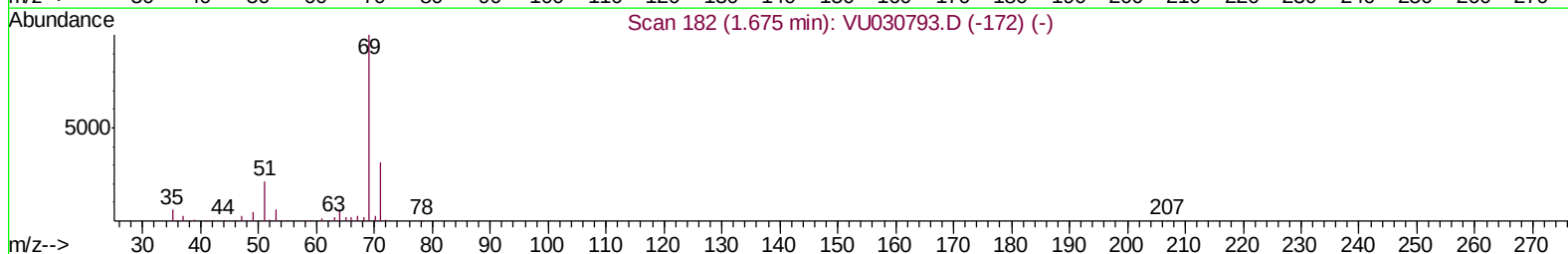
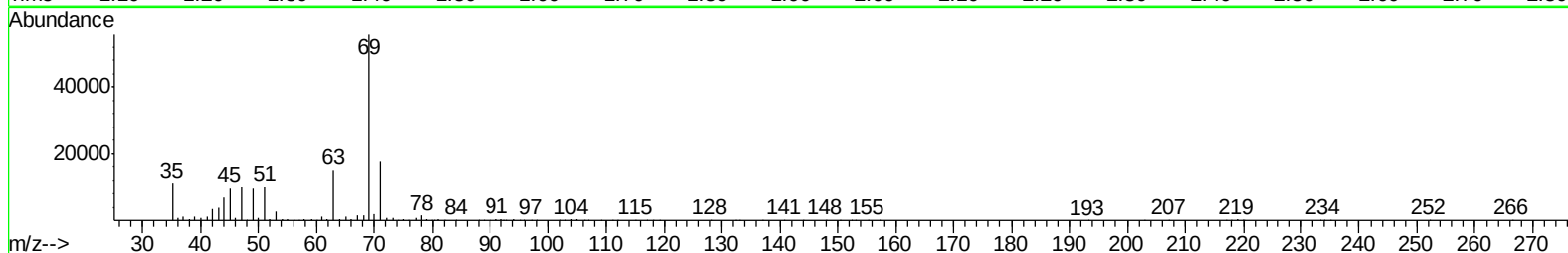
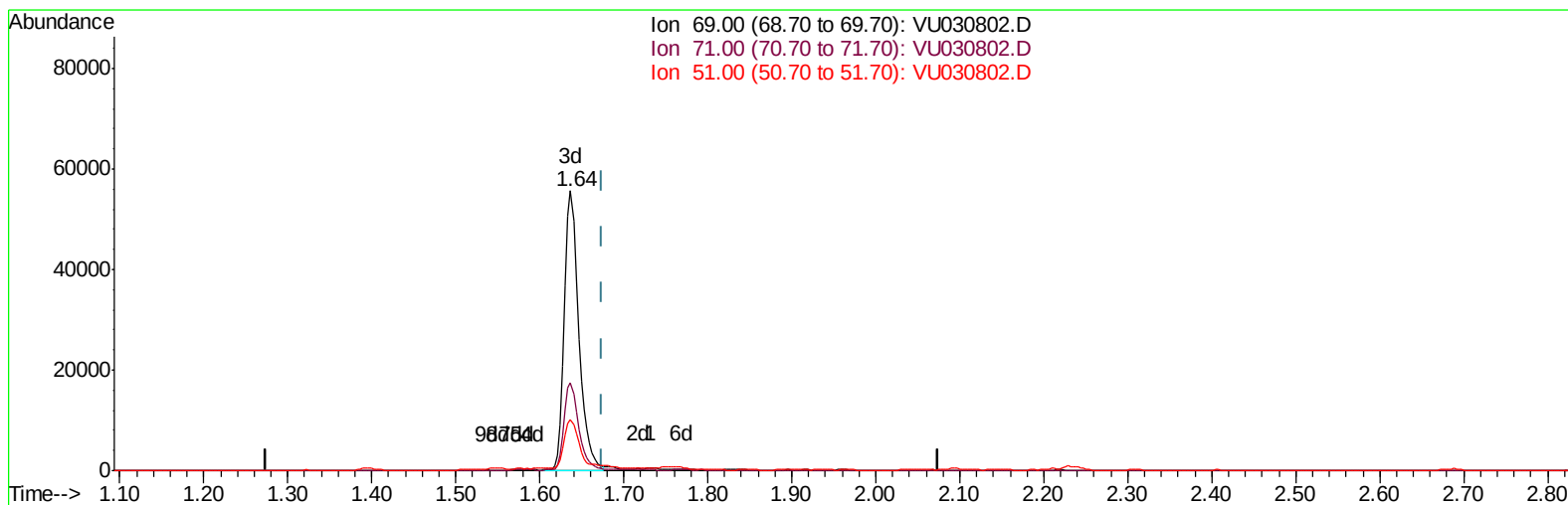
Data File : VU030802.D
Acq On : 06 Apr 2019 15:54
Operator : JC/SP
Sample : K2215-05ME
Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2M6ME

Manual Integrations
APPROVED

MMDadoda
4/10/2019 9:30:09 AM

Quant Time: Apr 08 05:05:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration



TIC: VU030802.D

(7) Chloroethane-d5 (S)

1.637min (-0.039) 20.13ug/L m

response 66165

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.17#
51.00	27.70	0.16#
0.00	0.00	0.00

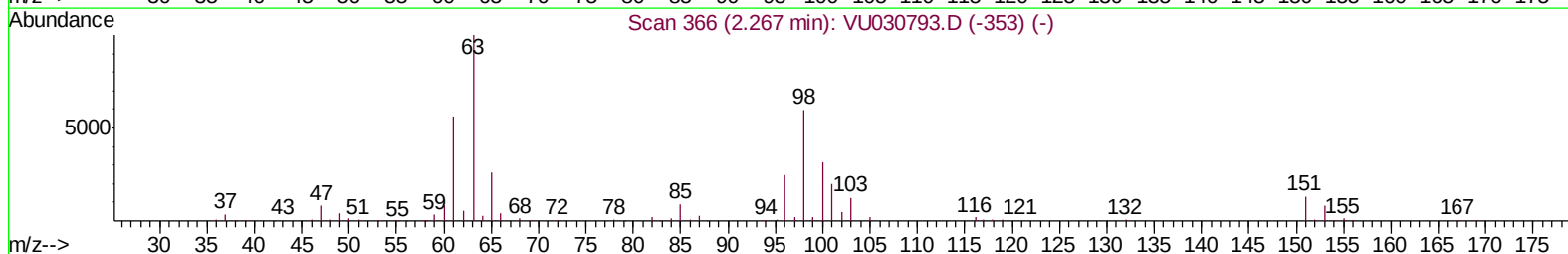
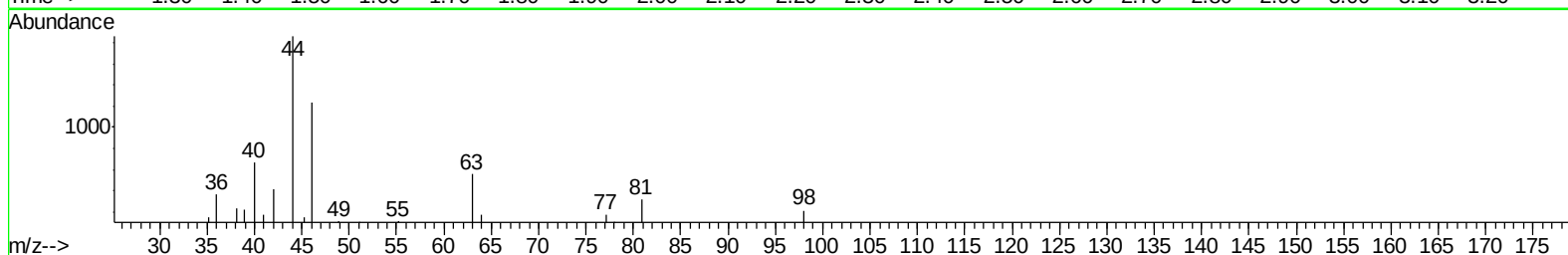
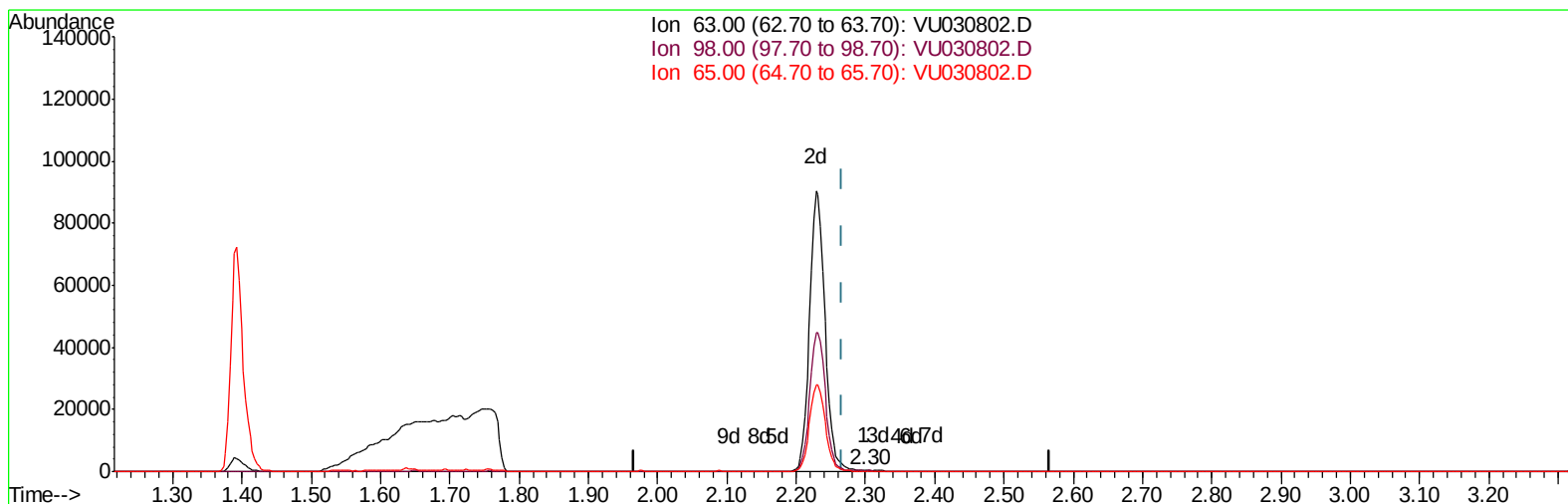
Data File : VU030802.D
Acq On : 06 Apr 2019 15:54
Operator : JC/SP
Sample : K2215-05ME
Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2M6ME

Manual Integrations
APPROVED

MMDadoda
4/10/2019 9:30:09 AM

Quant Time: Apr 08 05:05:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration



TIC: VU030802.D

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

2.299min (+0.032) 0.03ug/L

response 247

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	72.47
65.00	24.00	0.00#
0.00	0.00	0.00

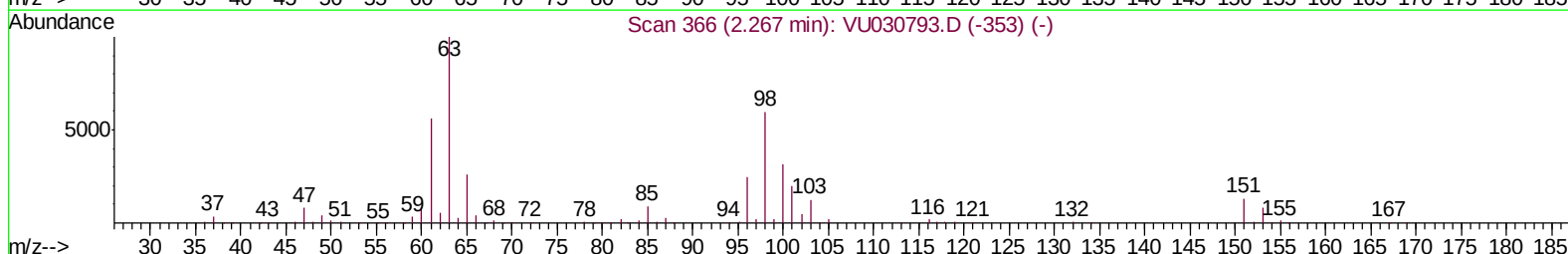
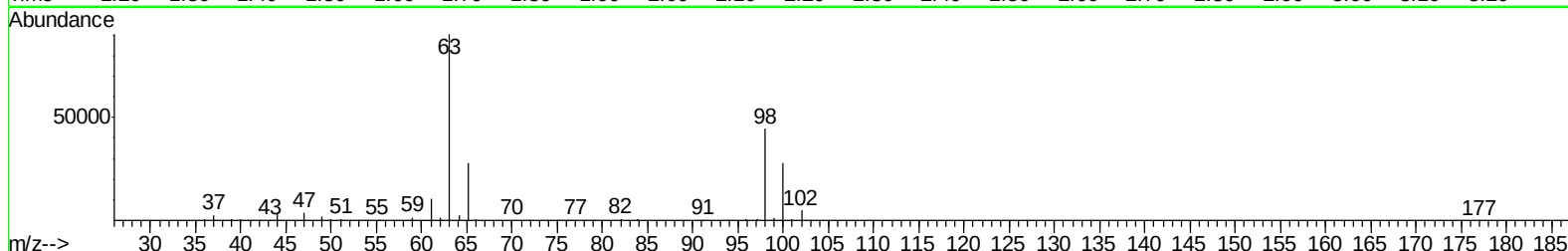
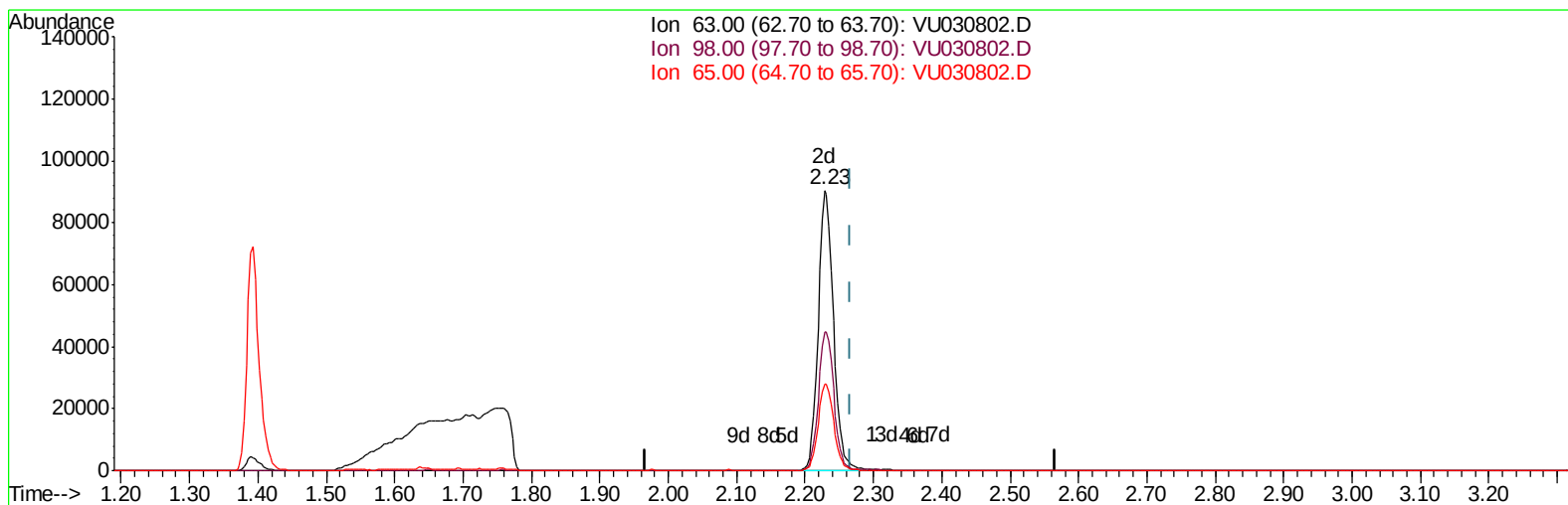
Data File : VU030802.D
Acq On : 06 Apr 2019 15:54
Operator : JC/SP
Sample : K2215-05ME
Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2M6ME

Manual Integrations
APPROVED

MMDadoda
4/10/2019 9:30:09 AM

Quant Time: Apr 08 05:05:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration



TIC: VU030802.D

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

2.228min (-0.039) 17.86ug/L m

response 139927

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	0.13#
65.00	24.00	0.00#
0.00	0.00	0.00

Data File : VU030802.D
Acq On : 06 Apr 2019 15:54
Operator : JC/SP
Sample : K2215-05ME
Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2M6ME

Manual Integrations
APPROVED

MMDadoda
4/10/2019 9:30:09 AM

Quant Time: Apr 08 05:47:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	485180	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	469697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217697	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	89487	20.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	41.32%#
7) Chloroethane-d5	1.64	69	66165m	20.13	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.26%#
11) 1,1-Dichloroethene-d2	2.23	63	139927m	17.86	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	35.72%#
21) 2-Butanone-d5	4.19	46	165468	48.20	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	48.20%
24) Chloroform-d	4.64	84	153275	23.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	46.34%#
26) 1,2-Dichloroethane-d4	5.30	65	116448	25.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	51.58%#
32) Benzene-d6	5.33	84	328115	23.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	47.86%#
36) 1,2-Dichloropropane-d6	6.33	67	115317	24.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	49.08%#
41) Toluene-d8	7.56	98	281737	23.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	46.36%#
43) trans-1,3-Dichloropropene-	7.85	79	51578	24.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.14%#
47) 2-Hexanone-d5	8.32	63	112383	52.33	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	52.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	165314	26.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	52.16%#
64) 1,2-Dichlorobenzene-d4	11.86	152	105165	24.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	49.12%#

Target Compounds						Qvalue
46) Tetrachloroethene	8.22	164	35509	12.956	ug/L	97

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

Data File : VU030802.D
Acq On : 06 Apr 2019 15:54
Operator : JC/SP
Sample : K2215-05ME
Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2M6ME

Manual Integrations
APPROVED

MMDadoda
4/10/2019 9:30:09 AM

Quant Time: Apr 08 05:47:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

