Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

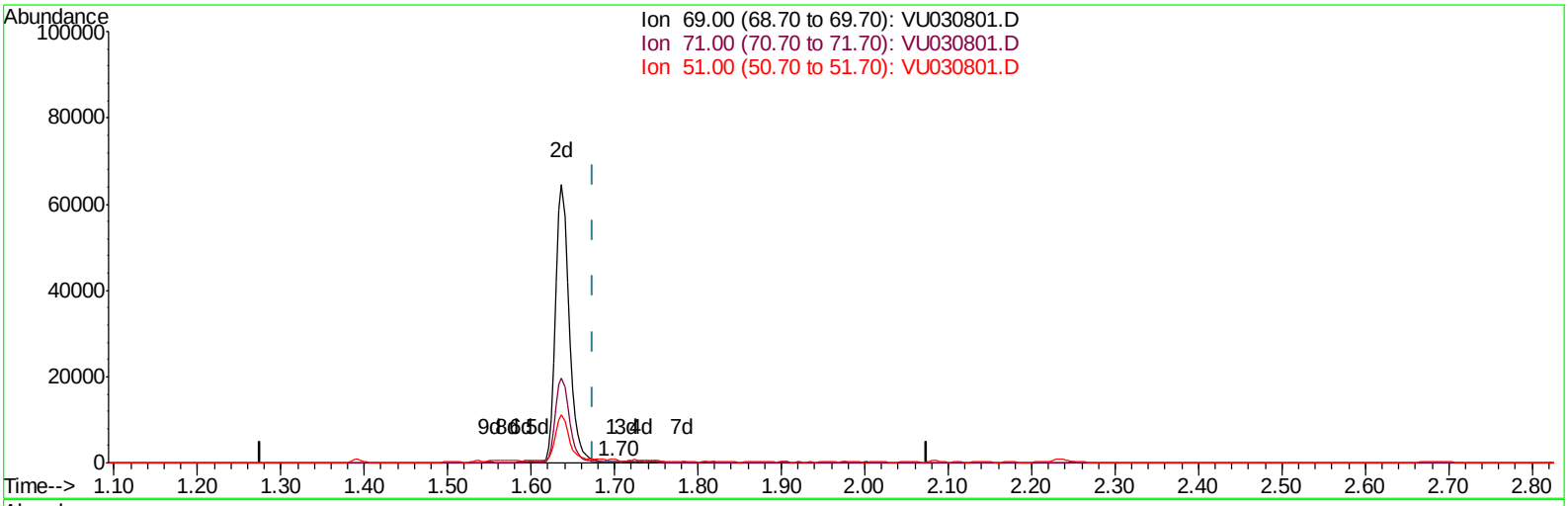
Quantitation Report (Qedit)

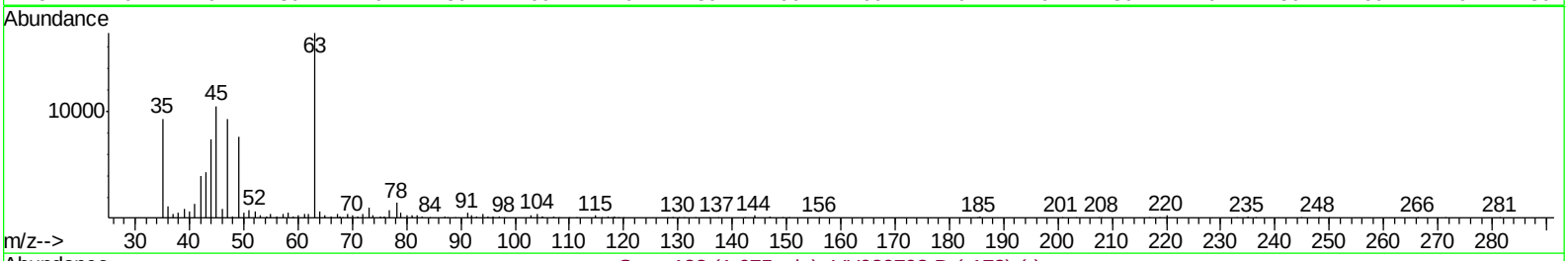
Data File : VU030801.D
Acq On : 06 Apr 2019 15:31
Operator : JC/SP
Sample : K2276-17ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

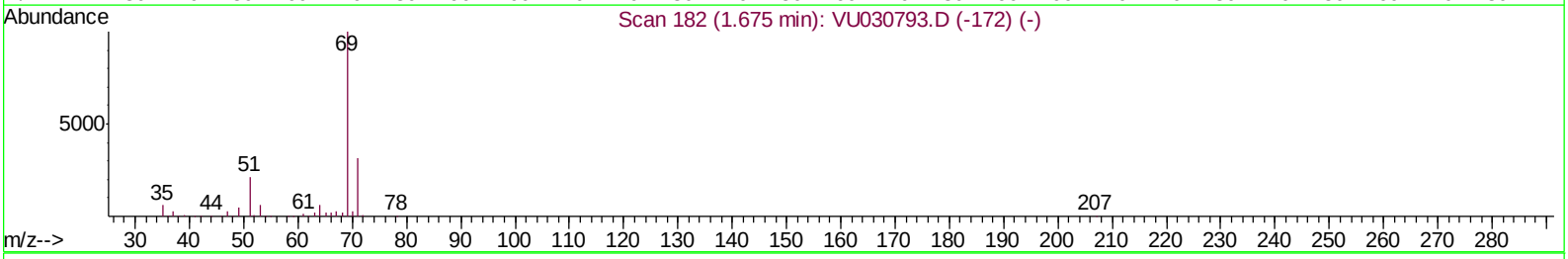
Quant Time: Apr 08 05:05:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF144ME

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:16:54 PM







TIC: VU030801.D

(7) Chloroethane-d5 (S)

1.698min (+0.022) 0.04ug/L

response 140

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	187.86#
51.00	27.70	240.71#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

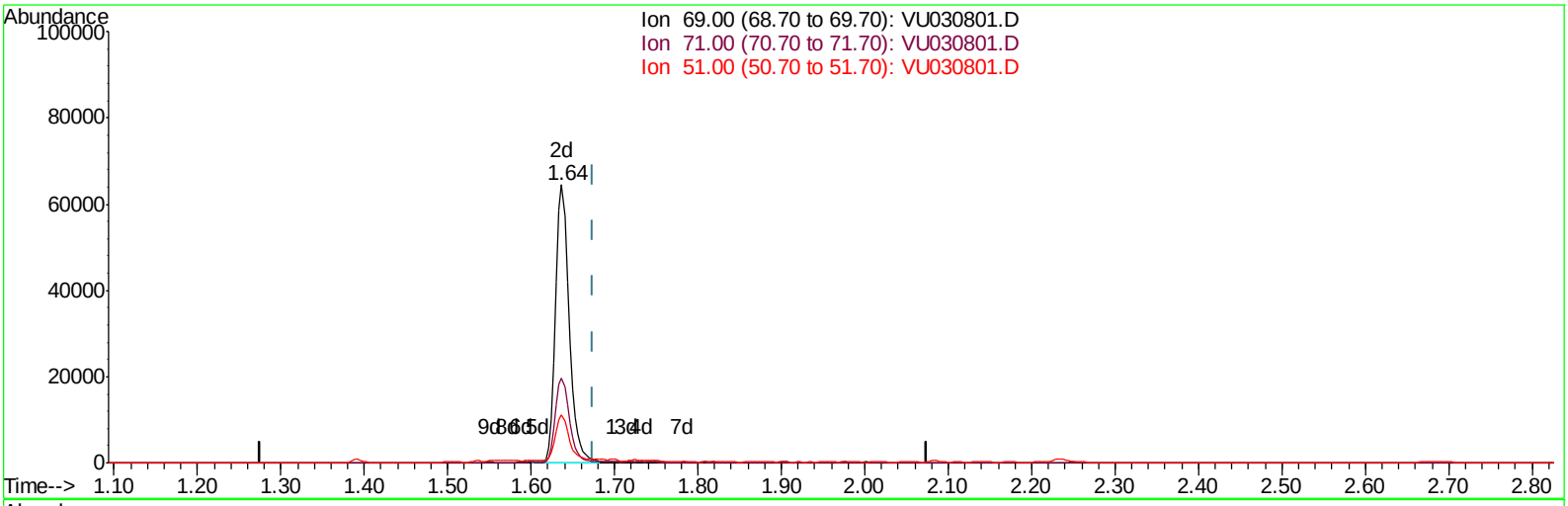
Quantitation Report (Qedit)

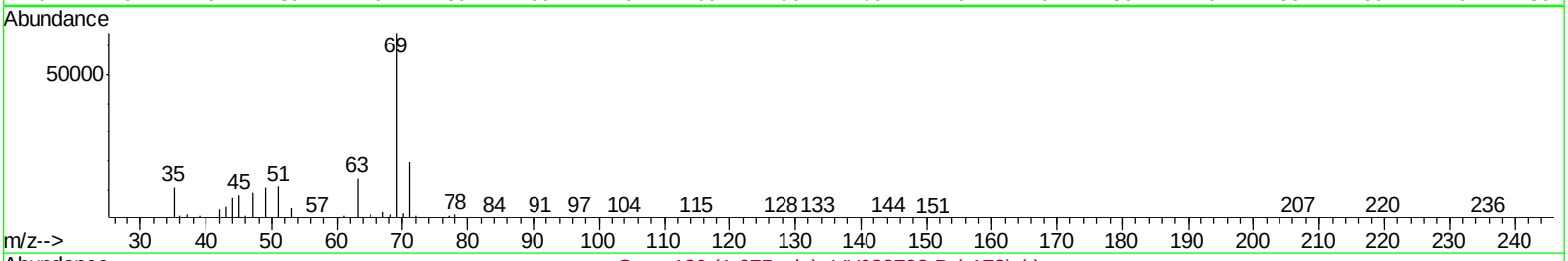
Data File : VU030801.D
Acq On : 06 Apr 2019 15:31
Operator : JC/SP
Sample : K2276-17ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

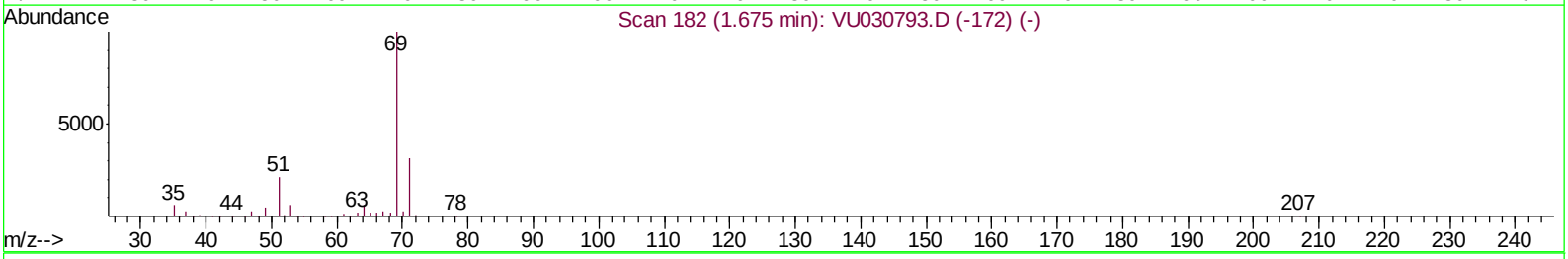
Quant Time: Apr 08 05:05:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF144ME

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:16:54 PM







TIC: VU030801.D

(7) Chloroethane-d5 (S)

1.637min (-0.039) 21.84ug/L m

response 72911

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.36#
51.00	27.70	0.46#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

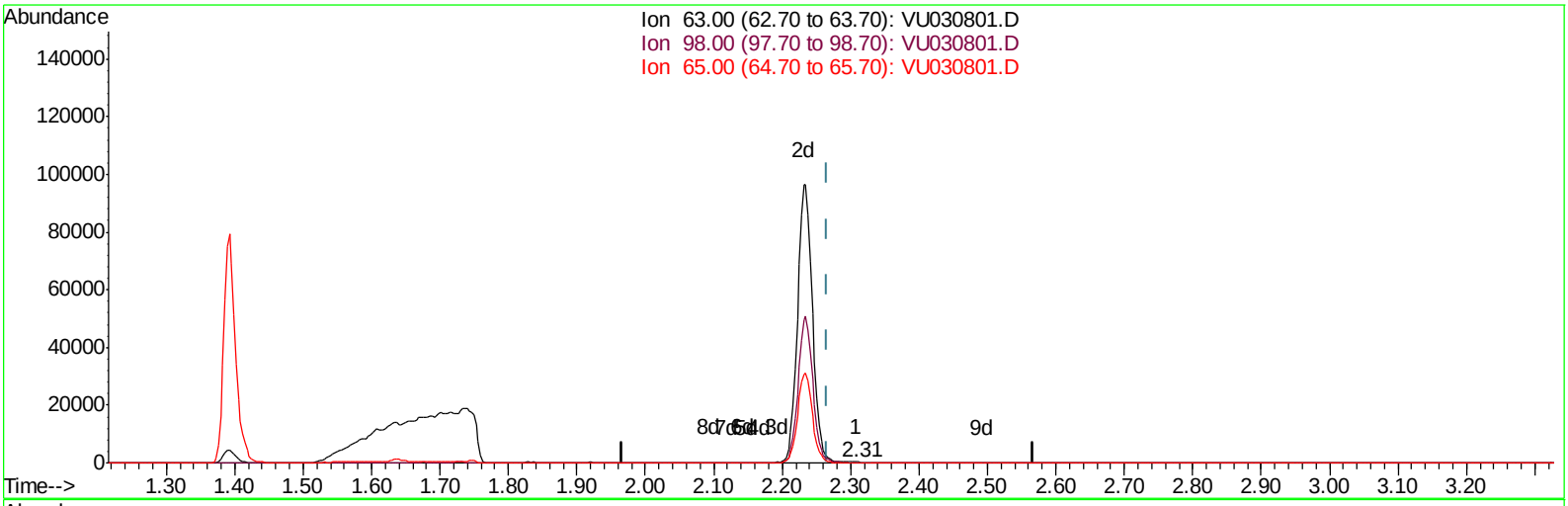
Quantitation Report (Qedit)

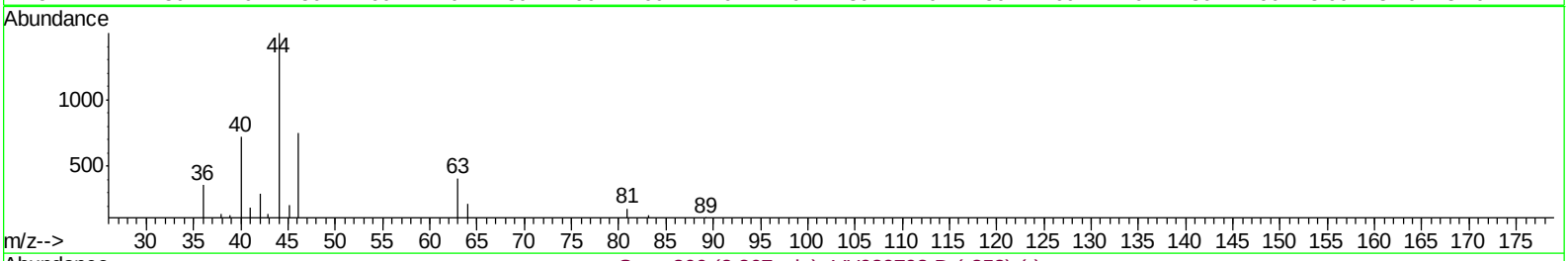
Data File : VU030801.D
Acq On : 06 Apr 2019 15:31
Operator : JC/SP
Sample : K2276-17ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

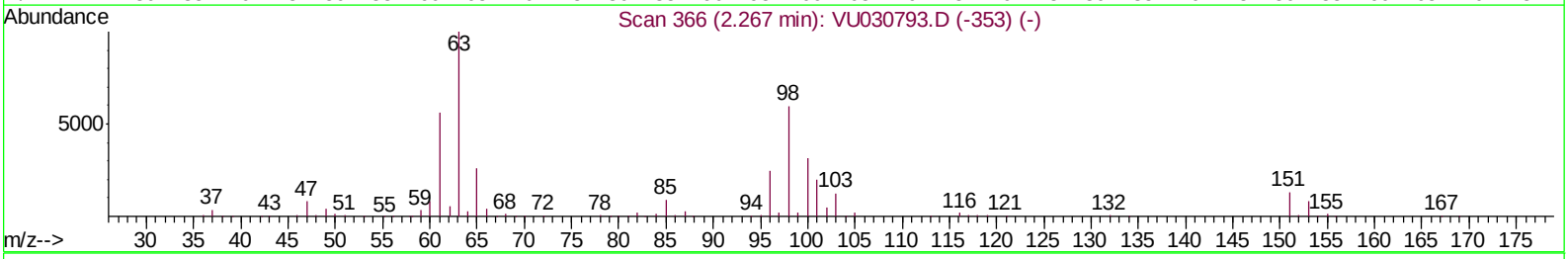
Quant Time: Apr 08 05:05:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF144ME

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:16:54 PM







TIC: VU030801.D

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

2.309min (+0.042) 0.05ug/L

response 389

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	21.85#
65.00	24.00	47.04#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

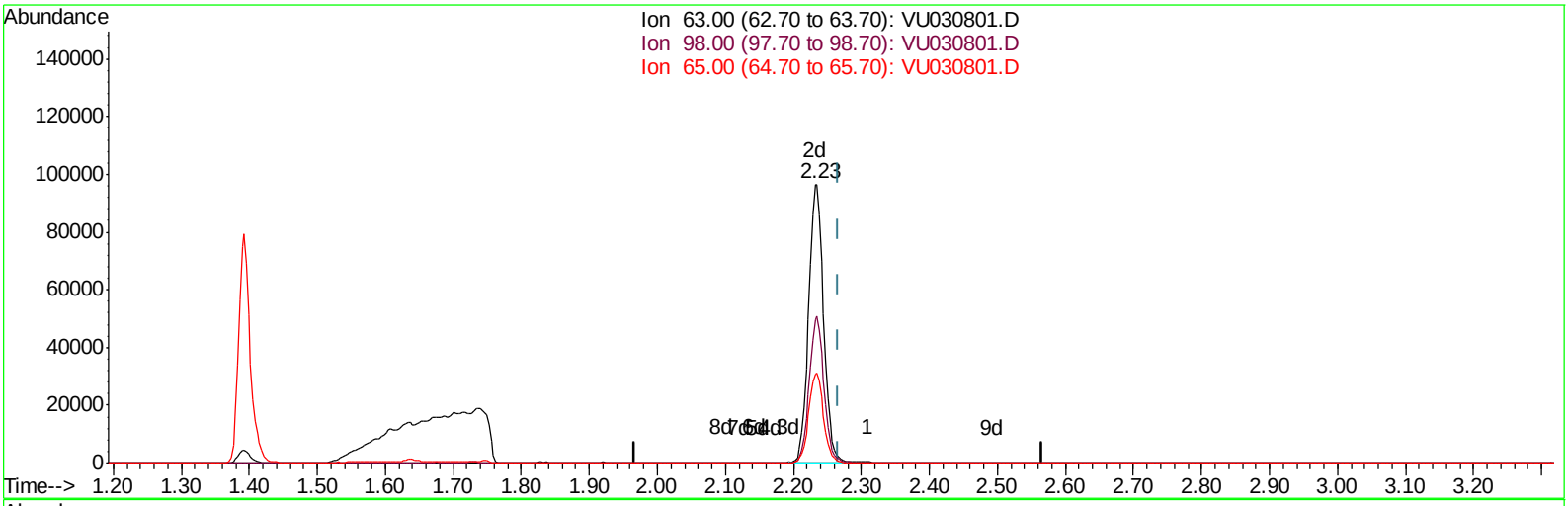
Quantitation Report (Qedit)

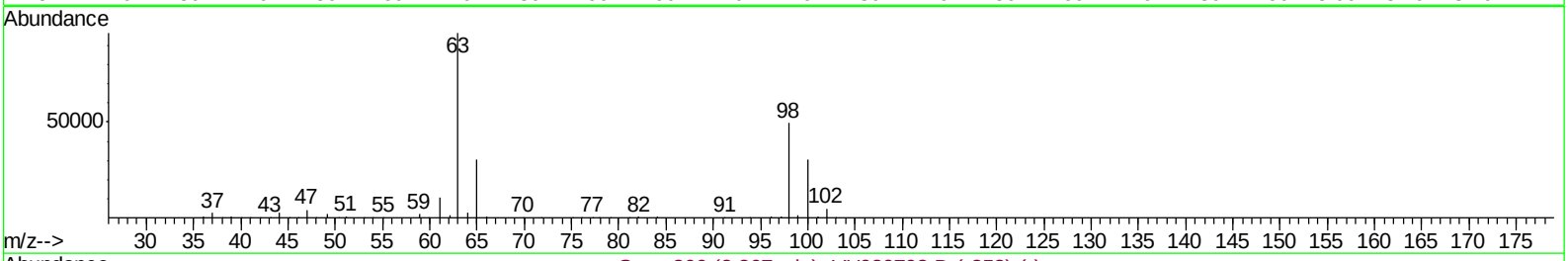
Data File : VU030801.D
Acq On : 06 Apr 2019 15:31
Operator : JC/SP
Sample : K2276-17ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

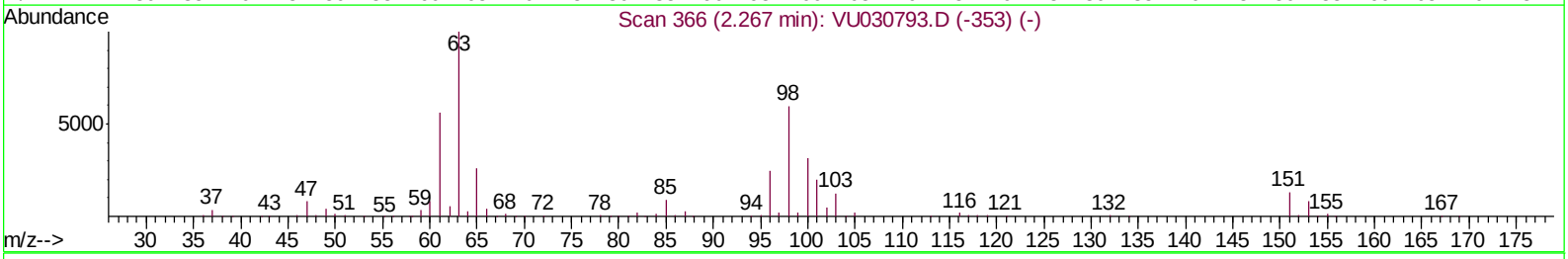
Quant Time: Apr 08 05:05:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF144ME

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:16:54 PM







TIC: VU030801.D

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

2.232min (-0.035) 18.53ug/L m

response 147387

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	0.06#
65.00	24.00	0.12#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Qedit)

Data File : VU030801.D
Acq On : 06 Apr 2019 15:31
Operator : JC/SP
Sample : K2276-17ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 08 05:05:27 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

Instrument :
MSVOA_U
ClientSampleId :
BF144ME

Manual Integrations APPROVED
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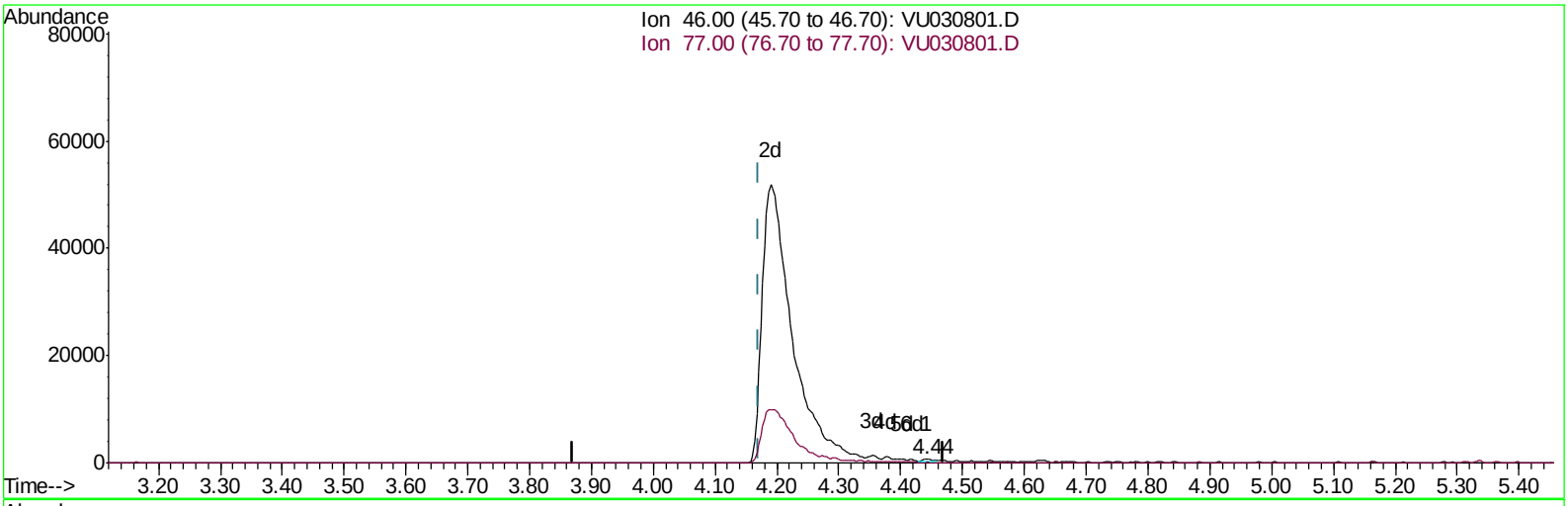
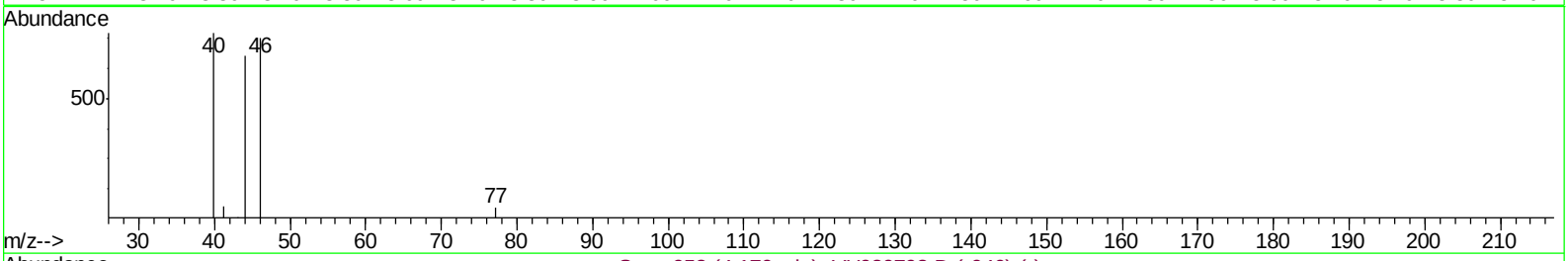
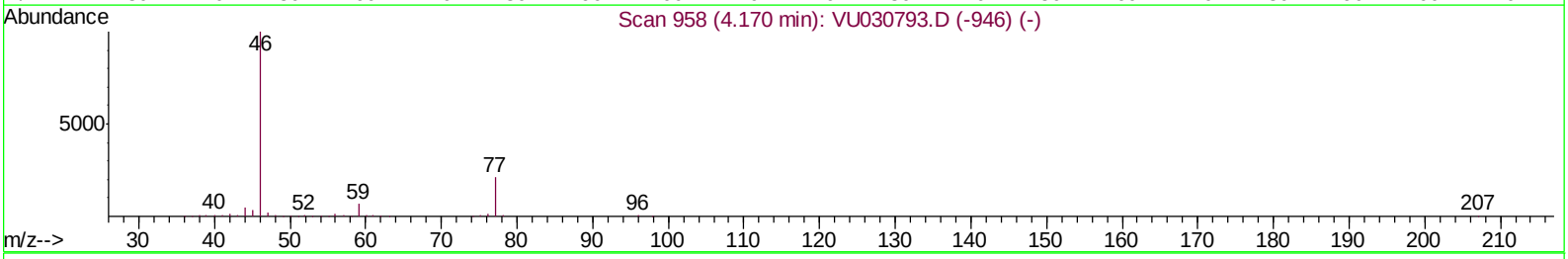
4/8/2019 3:16:54 PM







TIC: VU030801.D

(21) 2-Butanone-d5 (S)

4.444min (+0.273) 0.10ug/L

response 354

Ion	Exp%	Act%
46.00	100	100
77.00	21.10	19.21
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (Qedit)

Data File : VU030801.D
Acq On : 06 Apr 2019 15:31
Operator : JC/SP
Sample : K2276-17ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 08 05:05:27 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

Instrument :
MSVOA_U
ClientSampleId :
BF144ME

Manual Integrations APPROVED
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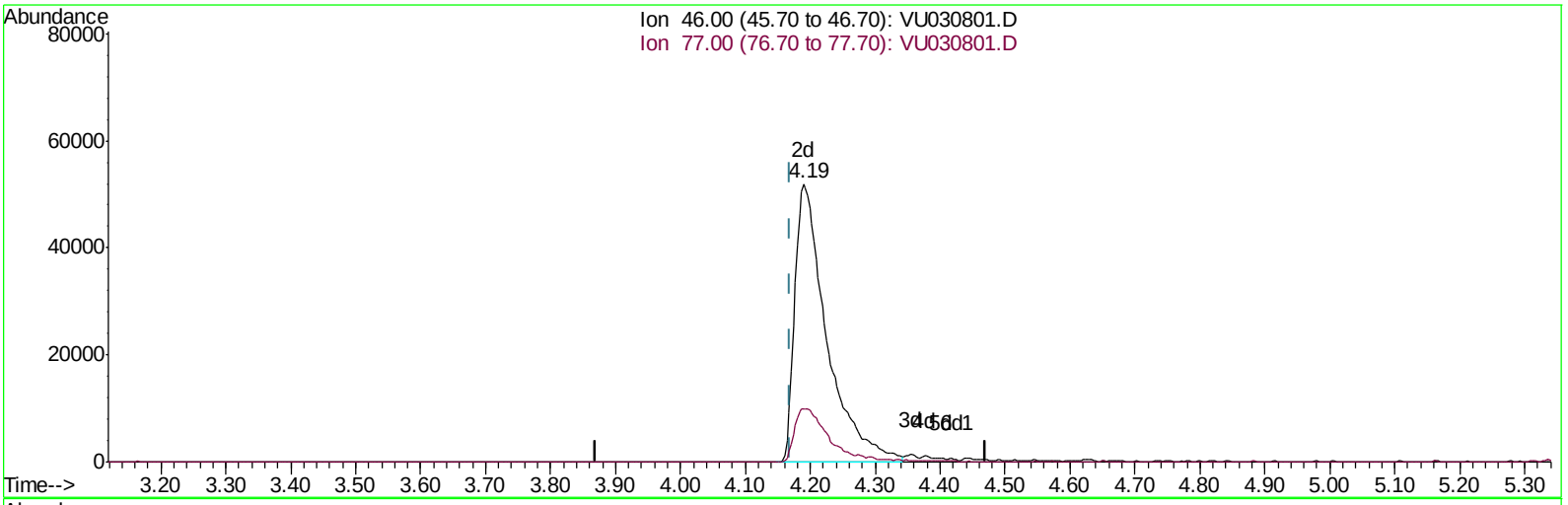
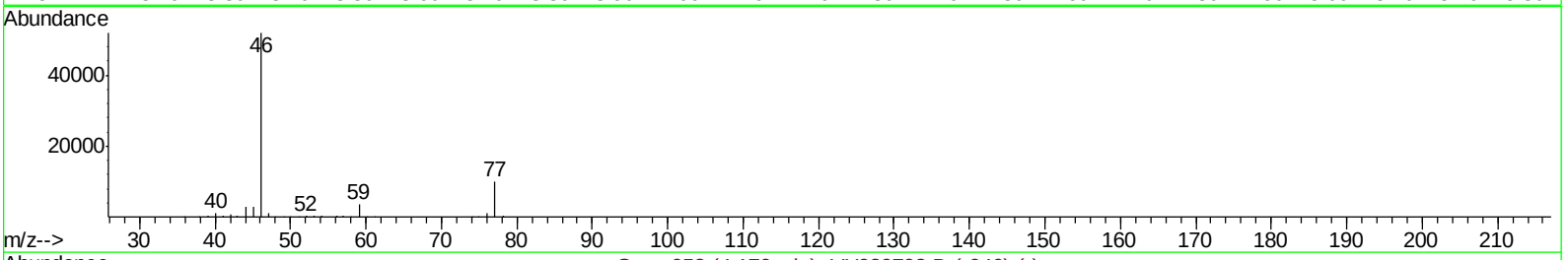
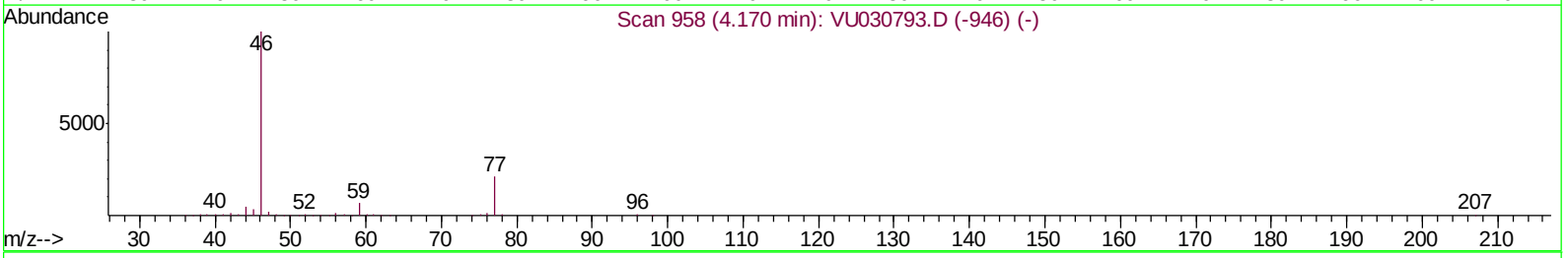
4/8/2019 3:16:54 PM







TIC: VU030801.D

(21) 2-Butanone-d5 (S)

4.190min (+0.019) 51.14ug/L m

response 178241

Ion	Exp%	Act%
46.00	100	100
77.00	21.10	0.04#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (QT Reviewed)

Data File : VU030801.D
Acq On : 06 Apr 2019 15:31
Operator : JC/SP
Sample : K2276-17ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF144ME

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:16:54 PM

Quant Time: Apr 08 05:44:18 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	492674	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	481061	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227427	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	94160	21.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 42.82%#			
7) Chloroethane-d5	1.64	69	72911m	21.84	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 43.68%#			
11) 1,1-Dichloroethene-d2	2.23	63	147387m	18.53	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 37.06%#			
21) 2-Butanone-d5	4.19	46	178241m	51.14	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 51.14%			
24) Chloroform-d	4.64	84	160121	23.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 47.66%#			
26) 1,2-Dichloroethane-d4	5.30	65	121487	26.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 53.00%#			
32) Benzene-d6	5.33	84	350369	24.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 49.90%#			
36) 1,2-Dichloropropane-d6	6.32	67	122692	25.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 50.98%#			
41) Toluene-d8	7.56	98	295643	23.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 47.50%#			
43) trans-1,3-Dichloropropene-	7.85	79	53558	24.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 48.80%#			
47) 2-Hexanone-d5	8.32	63	123438	56.12	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 56.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	181369	27.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 55.88%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	115500	25.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 51.64%#			
Target Compounds						Qvalue
46) Tetrachloroethene	8.22	164	12095	4.309	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040719\

Quantitation Report (QT Reviewed)

Data File : VU030801.D
Acq On : 06 Apr 2019 15:31
Operator : JC/SP
Sample : K2276-17ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF144ME

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:16:54 PM

Quant Time: Apr 08 05:44:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
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