Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033019\

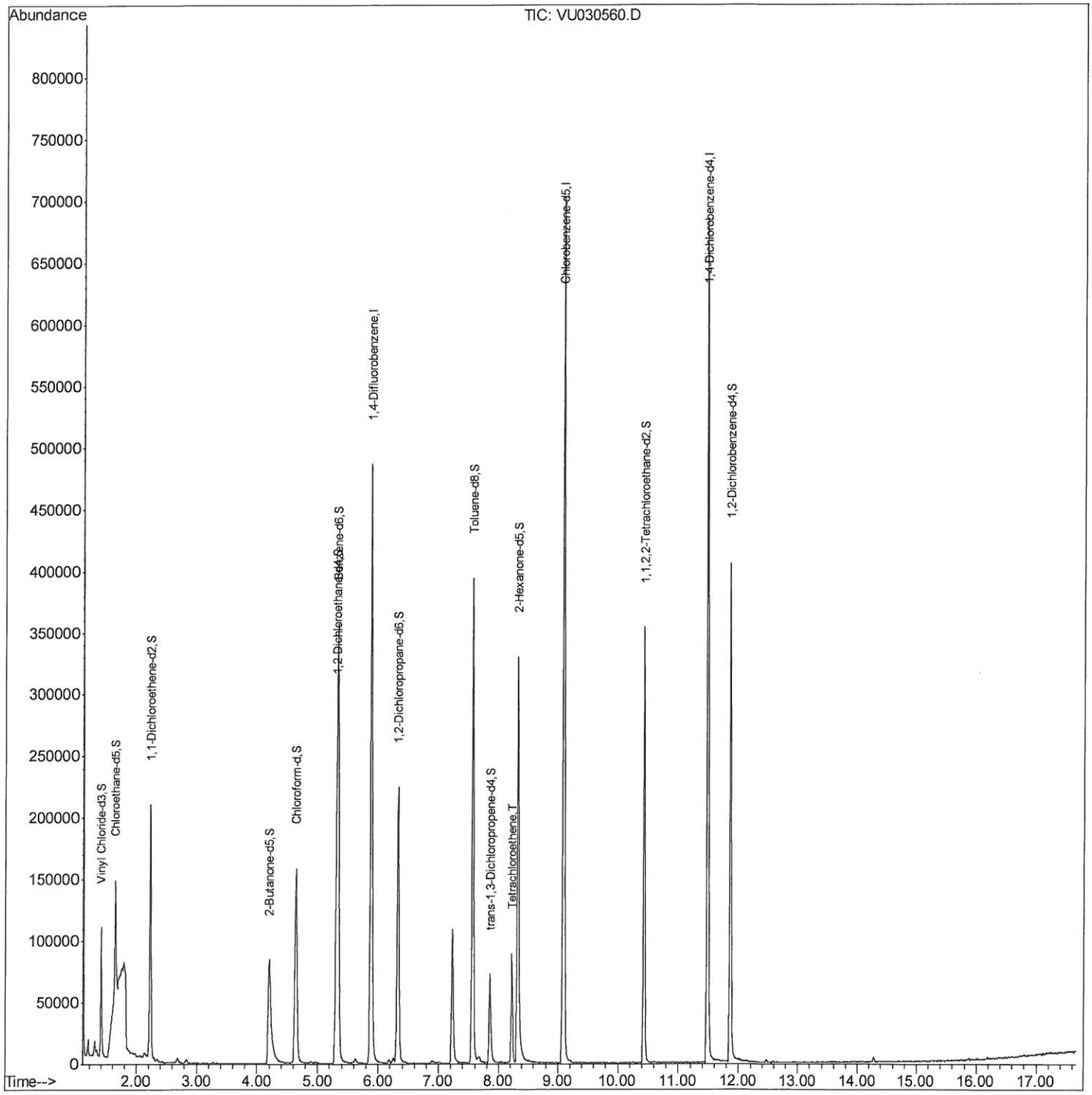
Quantitation Report (QT/LSC Reviewed)

Data File : VU030560.D
Acq On : 29 Mar 2019 22:30
Operator : JC/SP
Sample : K2101-16ME
Misc : 4.47g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 30 03:36:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0E7ME

Manual Integrations APPROVED
MMDadoda
3/30/2019 9:59:08 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\

Quantitation Report (Qedit)

Data File : VU030560.D
Acq On : 29 Mar 2019 22:30
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Misc : 4.47g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 30 02:17:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Instrument :
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Manual Integrations APPROVED
MMDadoda
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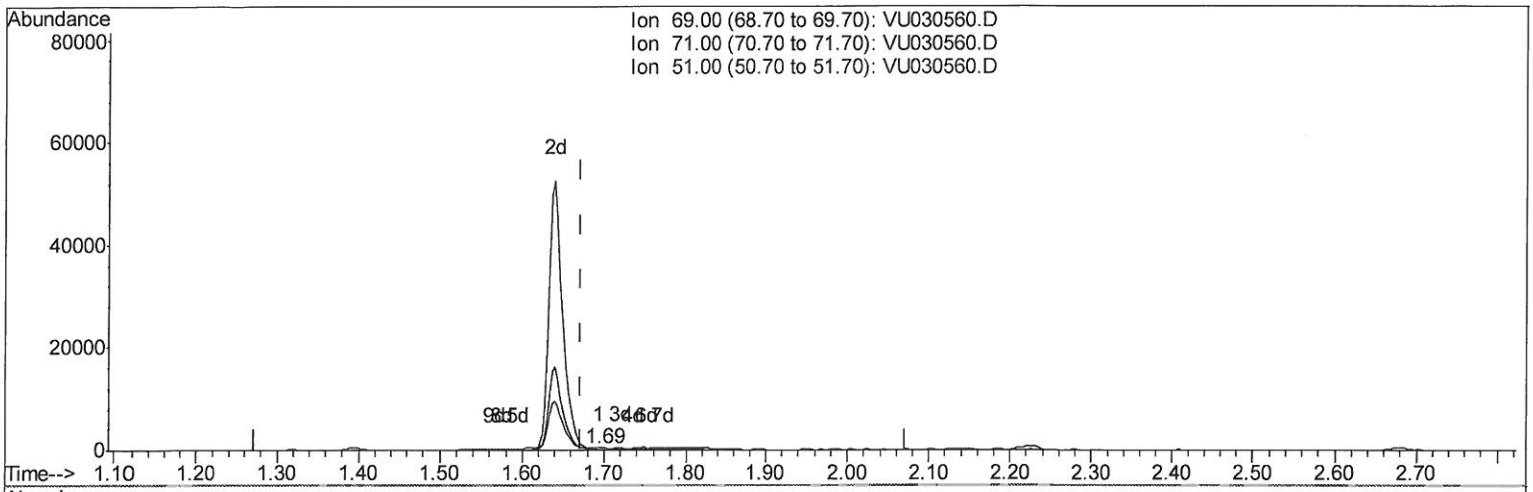

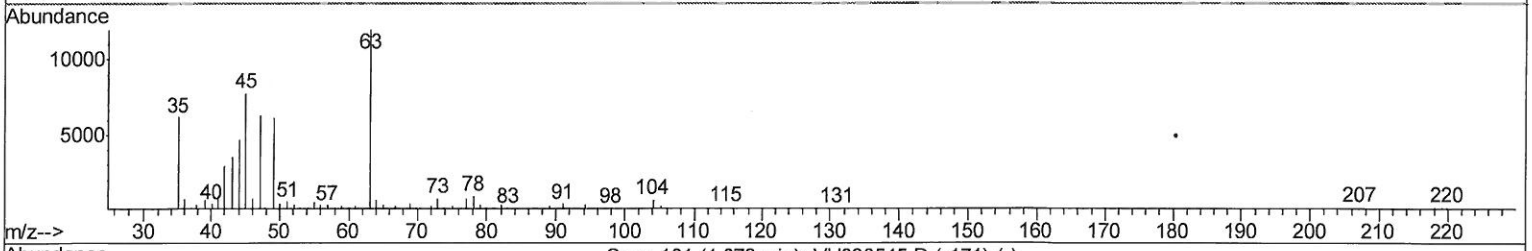

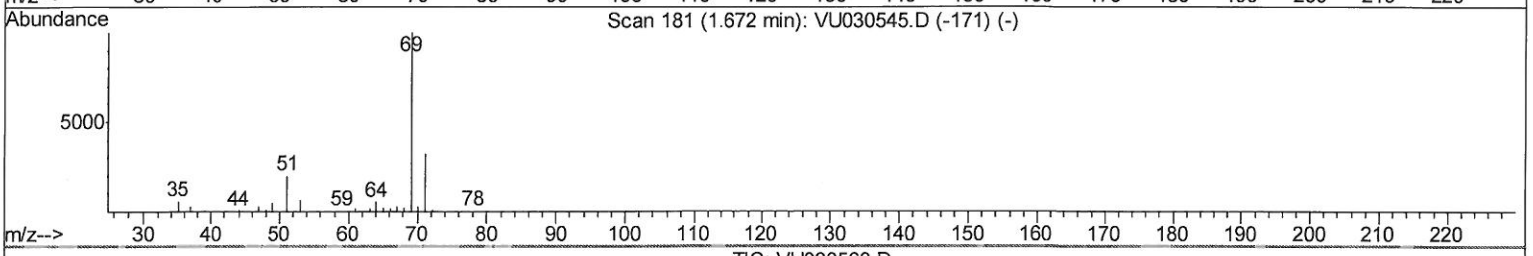

TIC: VU030560.D

(7) Chloroethane-d5 (S)

1.695min (+0.023) 0.08ug/L

response 199

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.00#
51.00	28.60	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\

Quantitation Report (Qedit)

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Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
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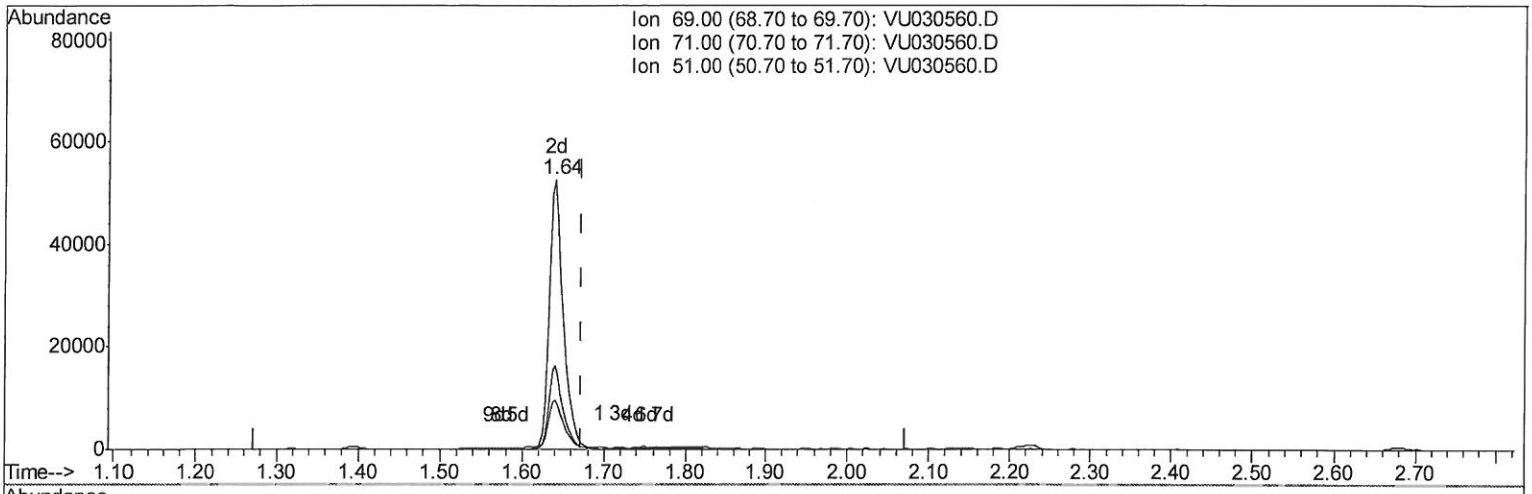
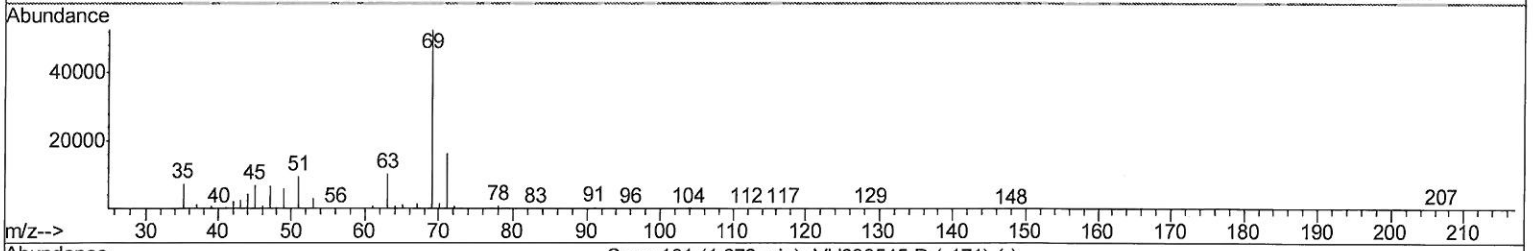
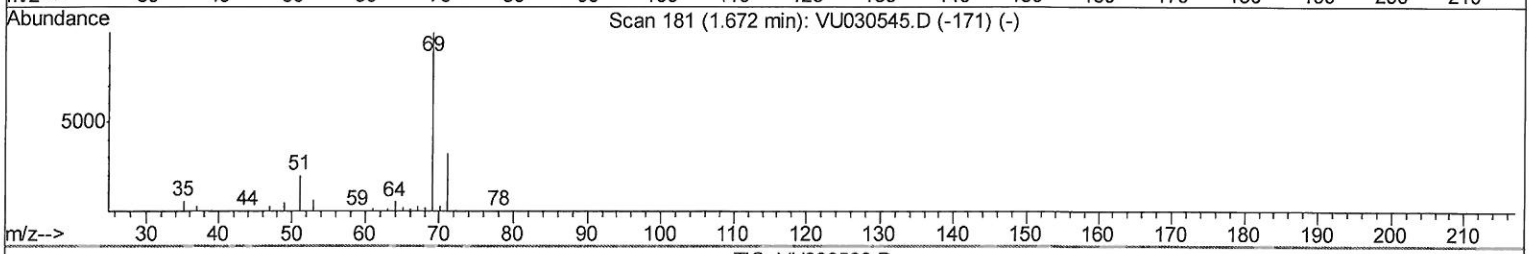
Instrument :
MSVOA_U
ClientSampleId :
BF0E7ME

Manual Integrations APPROVED
MMDadoda
3/30/2019 9:59:08 AM







TIC: VU030560.D

(7) Chloroethane-d5 (S)

1.640min (-0.032) 23.89ug/L m

response 63016

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.00#
51.00	28.60	0.00#
0.00	0.00	0.00

7 MD 4/2/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\

Quantitation Report (Qedit)

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Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
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Instrument :
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ClientSampleId :
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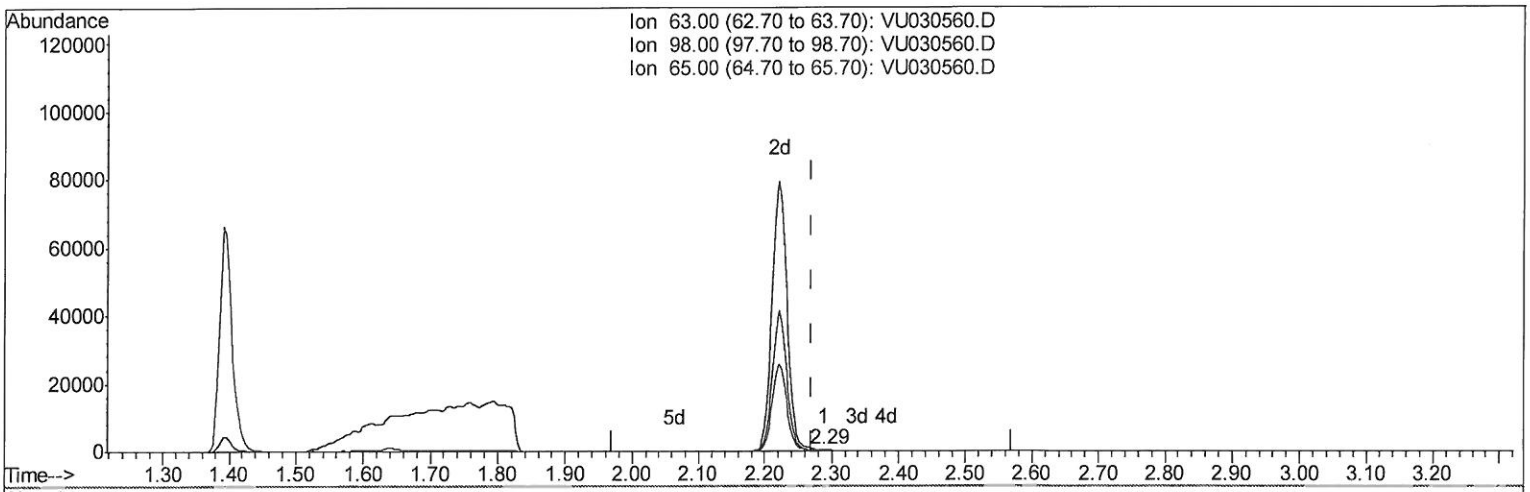
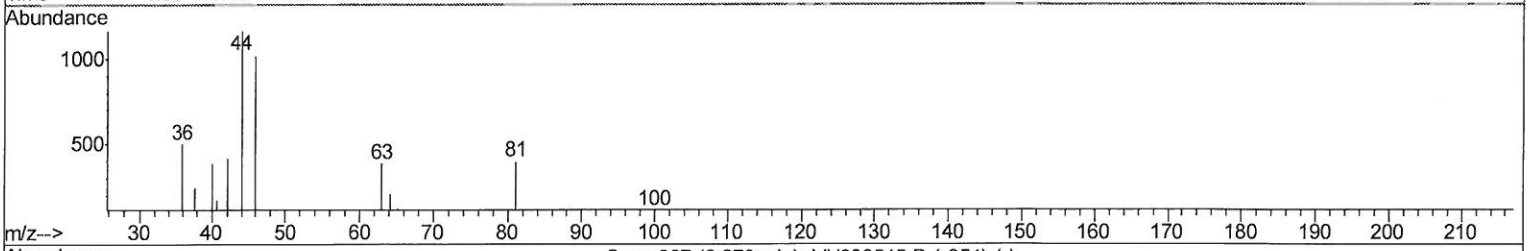
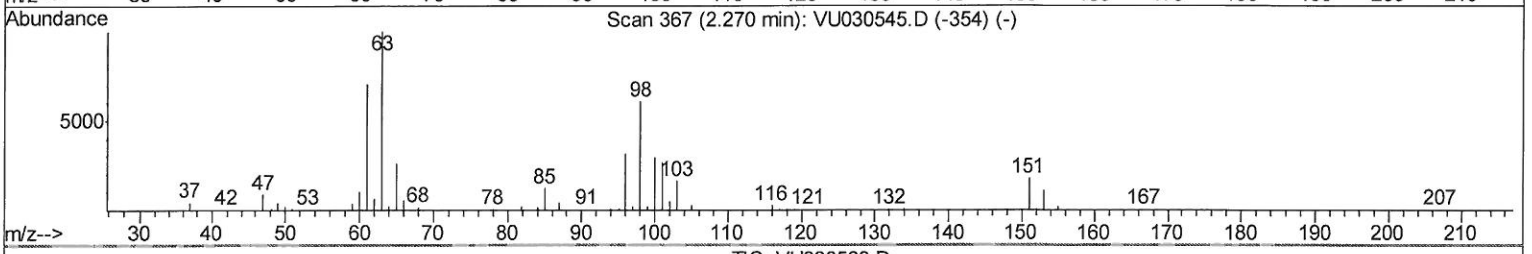
Manual Integrations APPROVED
MMDadoda
3/30/2019 9:59:08 AM







TIC: VU030560.D

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

2.289min (+0.019) 0.03ug/L

response 195

Ion	Exp%	Act%
63.00	100	100
98.00	68.80	0.00#
65.00	23.30	21.03
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\

Quantitation Report (Qedit)

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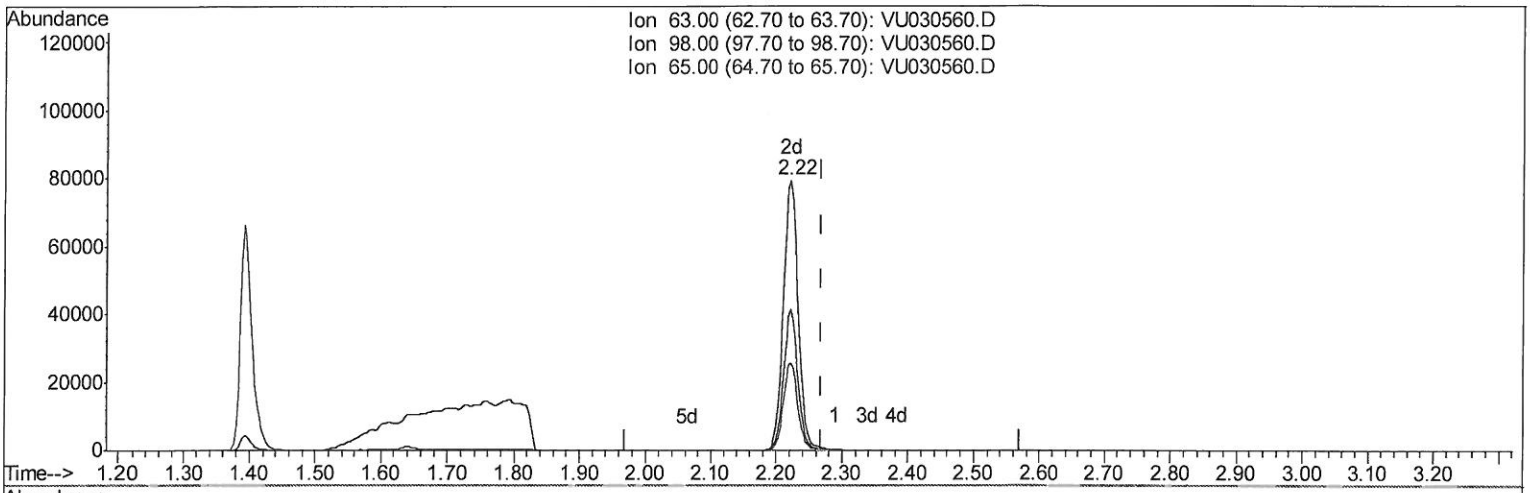
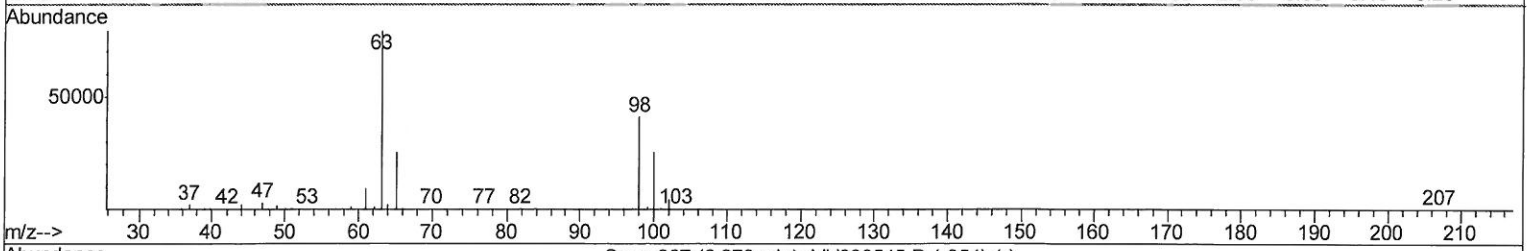
Operator : JC/SP
Sample : K2101-16ME
Misc : 4.47g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

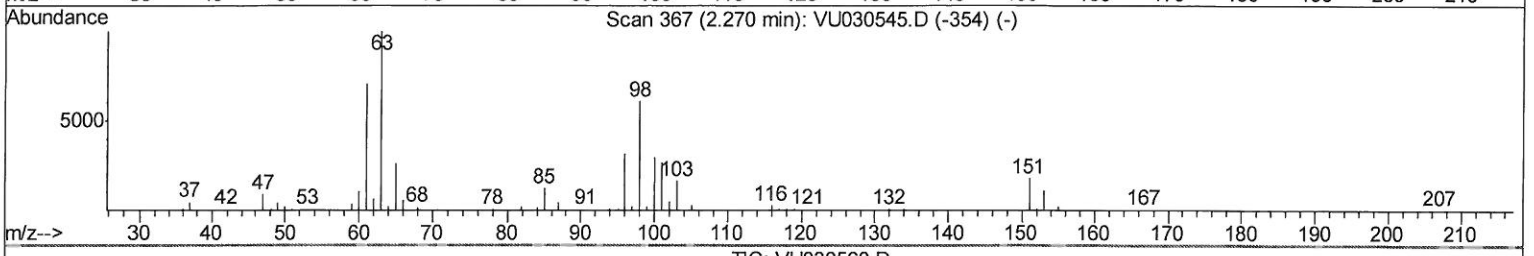
Quant Time: Mar 30 02:17:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF0E7ME

Manual Integrations APPROVED
MMDadoda
3/30/2019 9:59:08 AM







TIC: VU030560.D

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

2.222min (-0.048) 19.63ug/L m

response 123909

MD 4/9/19

Ion	Exp%	Act%
63.00	100	100
98.00	68.80	0.00#
65.00	23.30	0.03#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033019\

Quantitation Report (QT/LSC Reviewed)

Data File : VU030560.D
Acq On : 29 Mar 2019 22:30
Operator : JC/SP
Sample : K2101-16ME
Misc : 4.47g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0E7ME

Manual Integrations APPROVED
MMDadoda
3/30/2019 9:59:08 AM

Quant Time: Mar 30 03:36:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	413537	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	399462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	173201	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	82648	24.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 49.66%#			
7) Chloroethane-d5	1.64	69	63016m	23.89	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 47.78%#			
11) 1,1-Dichloroethene-d2	2.22	63	123909m	19.63	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 39.26%#			
21) 2-Butanone-d5	4.20	46	181159	57.90	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 57.90%			
24) Chloroform-d	4.64	84	164690	28.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 57.44%#			
26) 1,2-Dichloroethane-d4	5.30	65	117218	31.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 62.48%#			
32) Benzene-d6	5.33	84	328913	28.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 57.42%#			
36) 1,2-Dichloropropane-d6	6.32	67	120688	30.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 61.58%#			
41) Toluene-d8	7.56	98	274423	26.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 53.34%#			
43) trans-1,3-Dichloropropene-	7.85	79	49076	26.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 53.26%#			
47) 2-Hexanone-d5	8.32	63	133379	62.80	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 62.80%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	185131	33.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 66.02%			
64) 1,2-Dichlorobenzene-d4	11.86	152	105877	30.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 61.02%#			
Target Compounds						Qvalue
46) Tetrachloroethene	8.22	164	19851	8.502	ug/L	96

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

MD 4/9/19