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

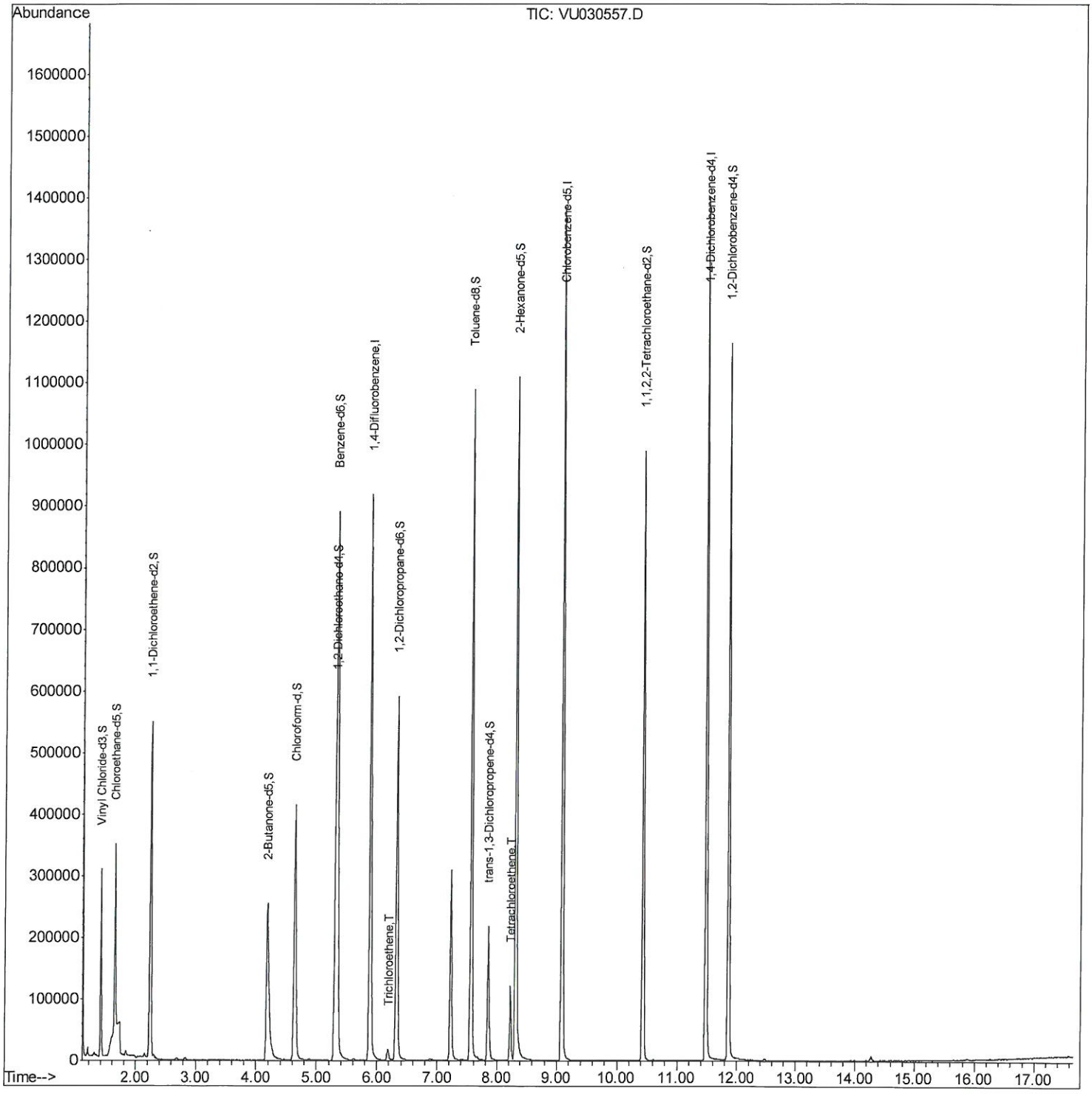
Quantitation Report (QT/LSC Reviewed)

Data File : VU030557.D
Acq On : 29 Mar 2019 21:19
Operator : JC/SP
Sample : K2101-15MERE
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 30 03:53:55 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 :
BF0E6MERE

Manual Integrations APPROVED
MMDadoda
3/30/2019 9:58:58 AM



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

Quantitation Report (Qedit)

Data File : VU030557.D
Acq On : 29 Mar 2019 21:19
Operator : JC/SP
Sample : K2101-15MERE
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 30 02:16:51 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

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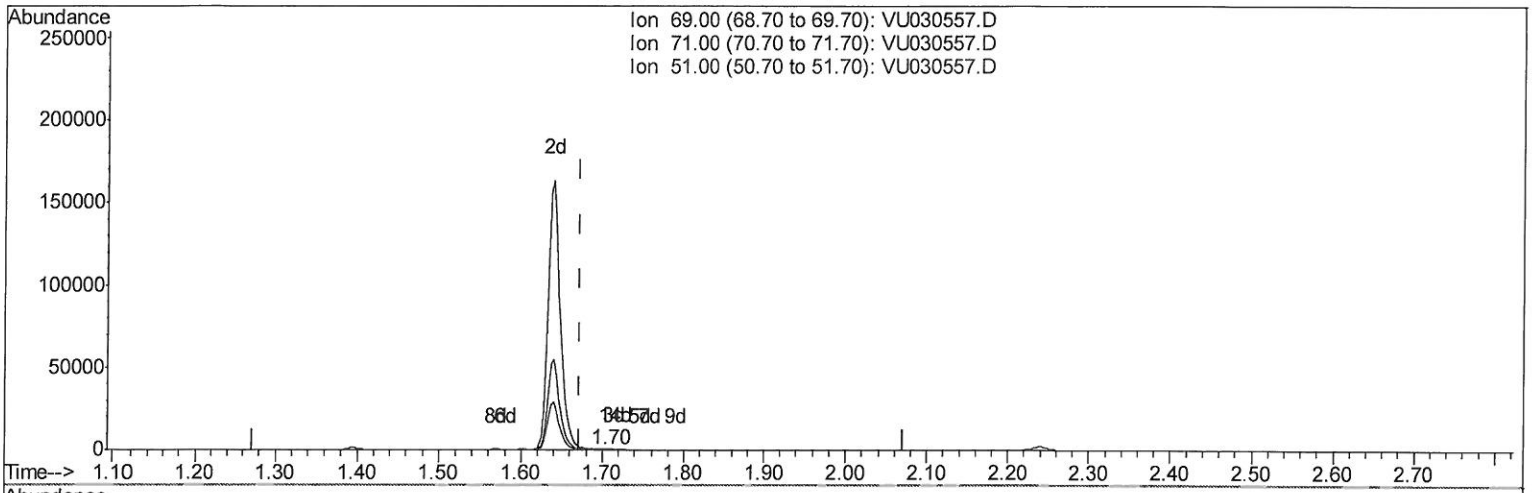
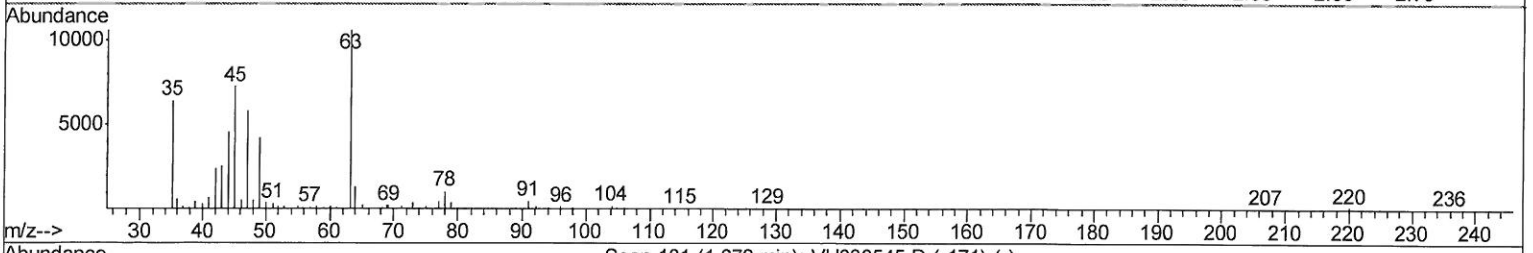
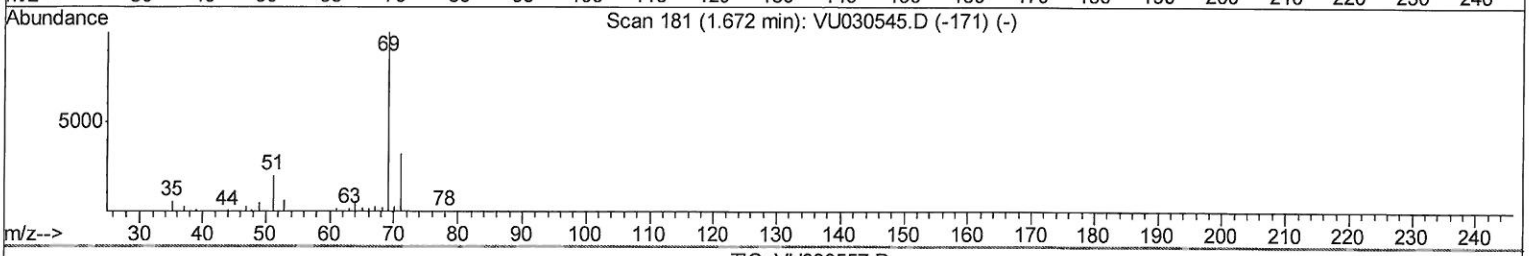
Manual Integrations APPROVED
MMDadoda
3/30/2019 9:58:58 AM







TIC: VU030557.D

(7) Chloroethane-d5 (S)

1.704min (+0.032) 0.03ug/L

response 166

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	26.51
51.00	28.60	322.29#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

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ClientSampleId :
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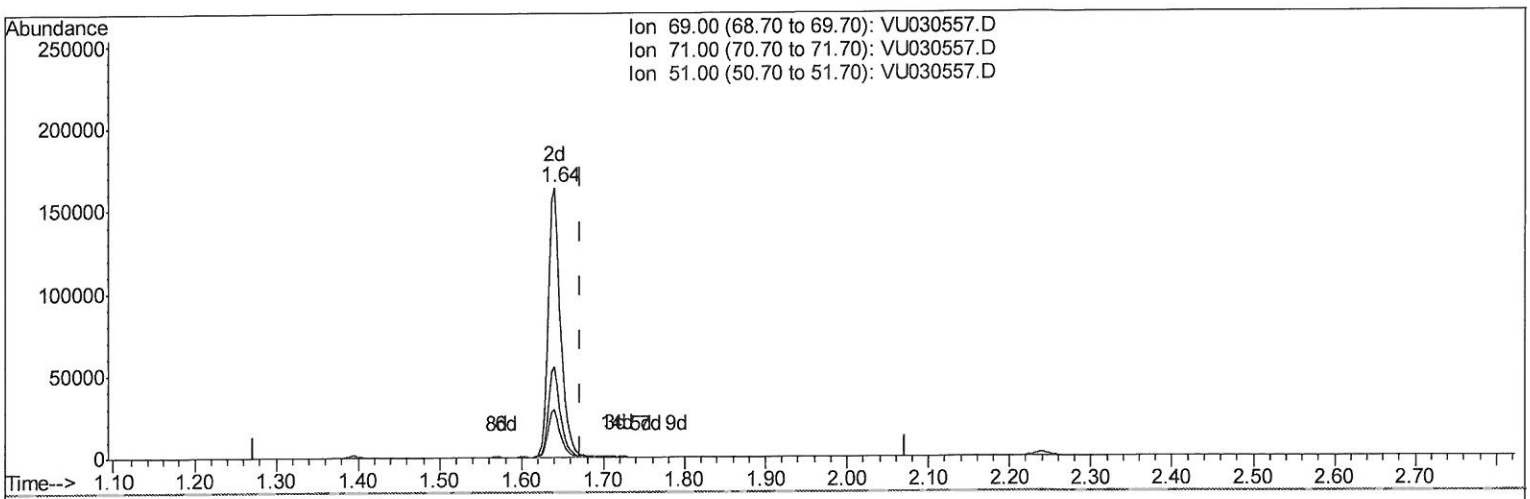
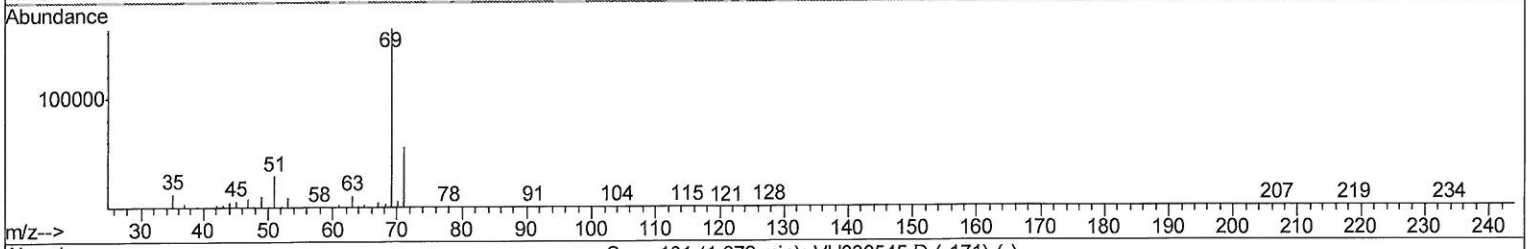
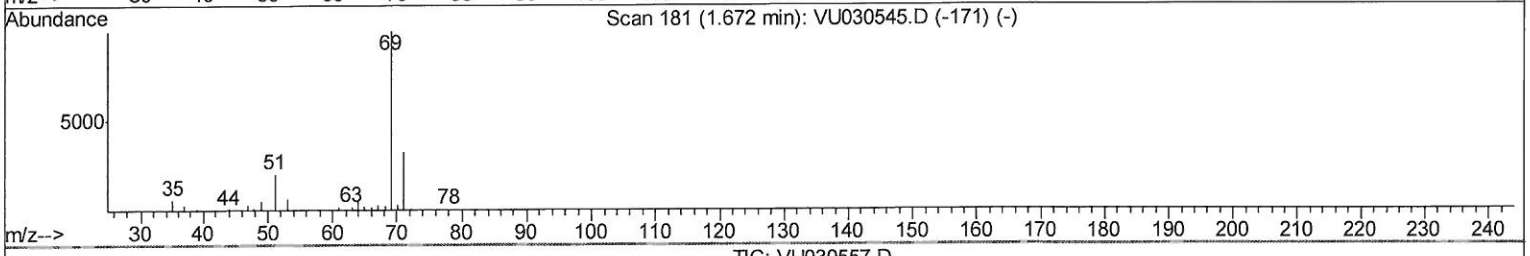
Manual Integrations APPROVED
MMDadoda
3/30/2019 9:58:58 AM







TIC: VU030557.D

(7) Chloroethane-d5 (S)

1.640min (-0.032) 36.39ug/L m

response 173868

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.03#
51.00	28.60	0.31#
0.00	0.00	0.00

MD 4/9/19

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

Quantitation Report (QT/LSC Reviewed)

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QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BF0E6MERE

Manual Integrations APPROVED
MMDadoda
3/30/2019 9:58:58 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	748928	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	744220	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	342470	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	217764	36.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.26%			
7) Chloroethane-d5	1.64	69	173868m	36.39	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.78%			
11) 1,1-Dichloroethene-d2	2.24	63	321100	28.08	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.16%#			
21) 2-Butanone-d5	4.18	46	515138	90.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.92%			
24) Chloroform-d	4.64	84	415185	39.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.96%			
26) 1,2-Dichloroethane-d4	5.30	65	298818	43.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.94%			
32) Benzene-d6	5.33	84	830422	38.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.82%			
36) 1,2-Dichloropropane-d6	6.32	67	308527	42.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.50%			
41) Toluene-d8	7.56	98	715681	37.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.68%#			
43) trans-1,3-Dichloropropene-	7.85	79	135160	39.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.72%			
47) 2-Hexanone-d5	8.31	63	392407	99.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.17%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	503485	48.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.38%			
64) 1,2-Dichlorobenzene-d4	11.86	152	292237	42.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.18%			
Target Compounds						Qvalue
34) Trichloroethene	6.18	95	6542	1.050	ug/L	98
46) Tetrachloroethene	8.22	164	26831	6.168	ug/L	96

JMD 4/9/19

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