Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\

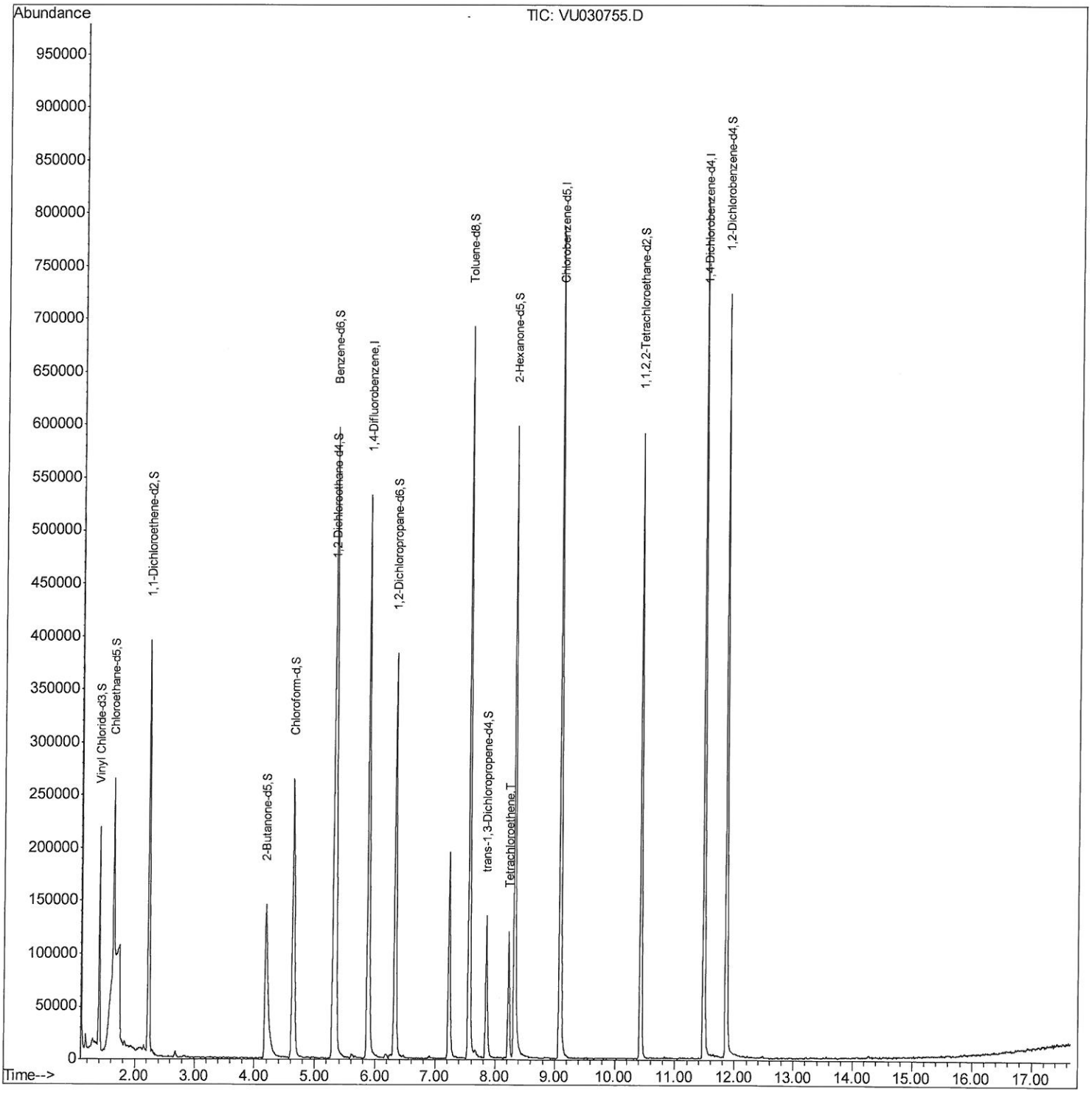
Quantitation Report (QT Reviewed)

Data File : VU030755.D
Acq On : 05 Apr 2019 20:51
Operator : JC/SP
Sample : K2167-12ME
Misc : 4.70g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 06 03:46:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF113ME

Manual Integrations APPROVED
MMDadoda
4/6/2019 10:32:41 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\

Quantitation Report (Qedit)

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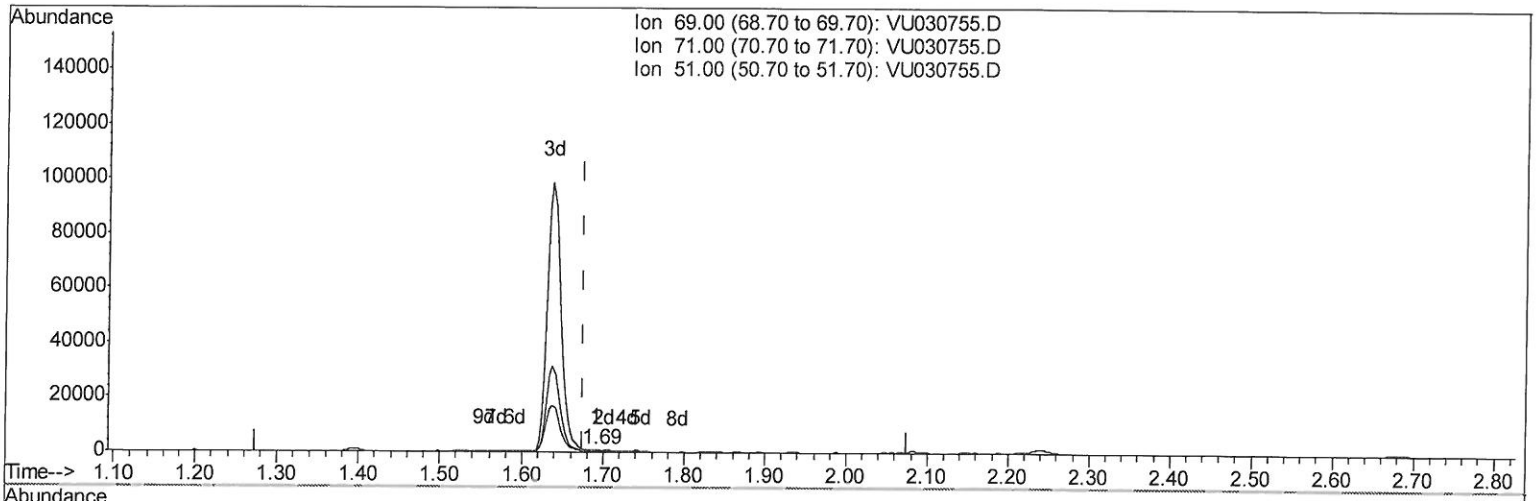
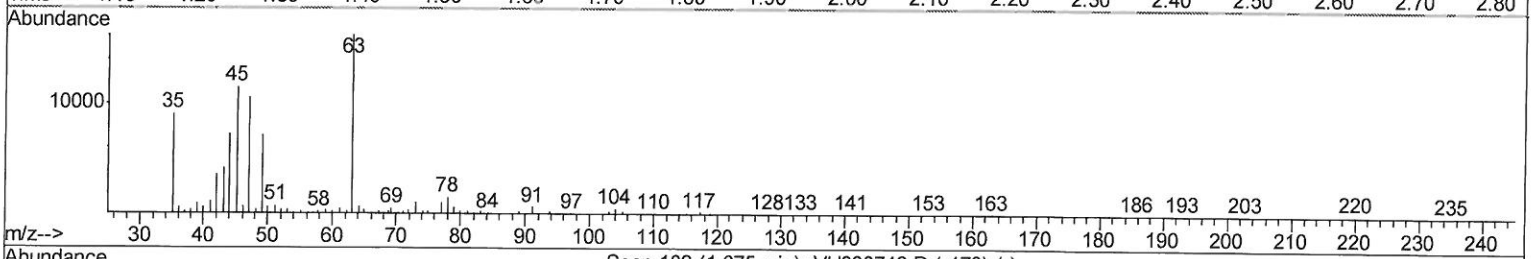
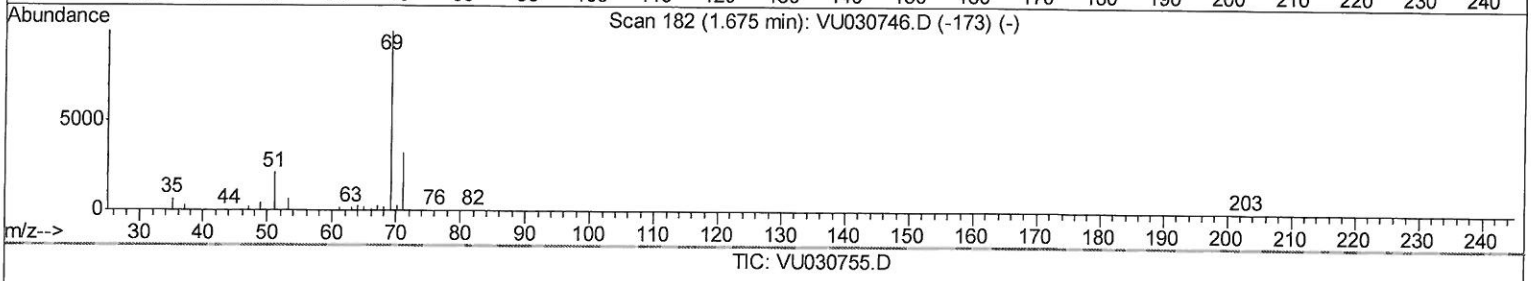
MMDadoda
4/6/2019 10:32:41 AM







TIC: VU030755.D

(7) Chloroethane-d5 (S)

1.692min (+0.016) 0.08ug/L

response 254

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\

Quantitation Report (Qedit)

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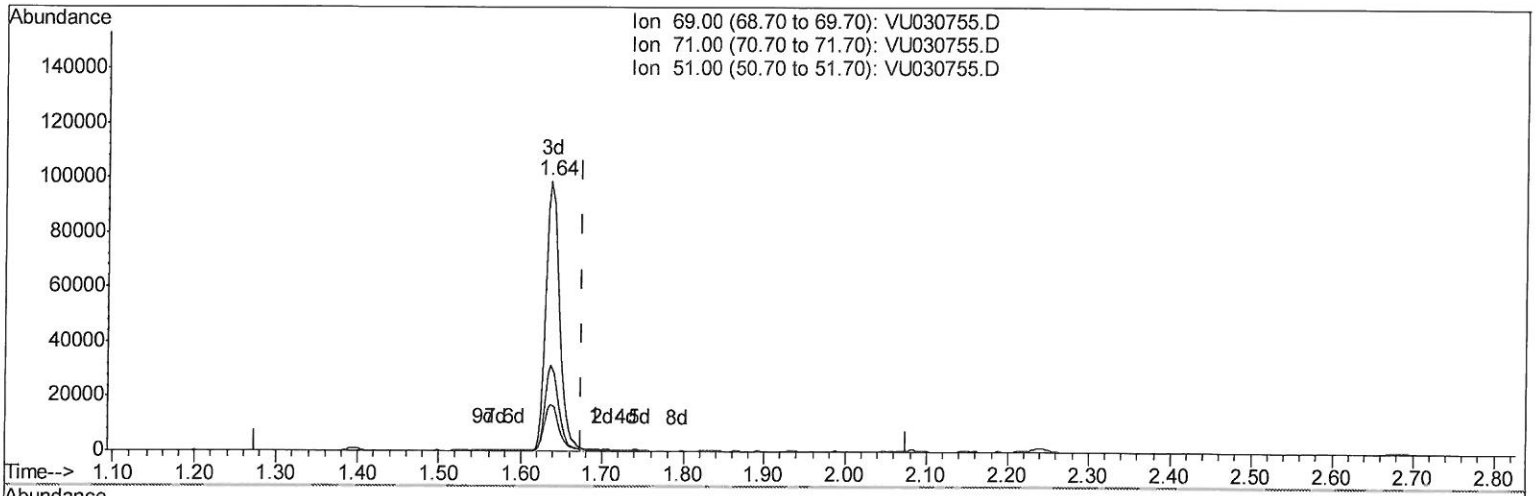
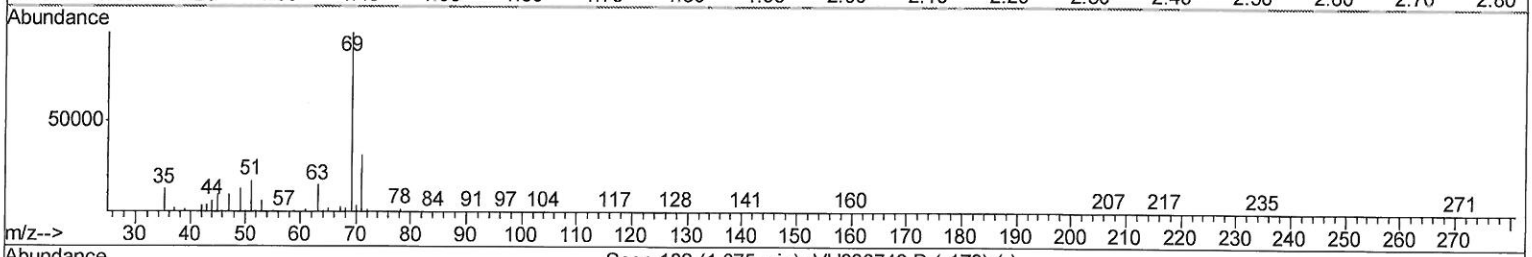
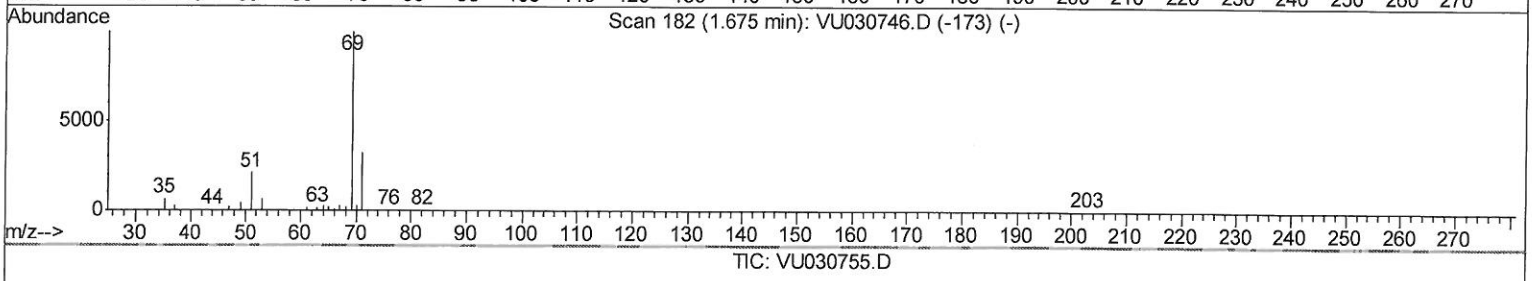
ClientSampleId :
BF113ME

Manual Integrations APPROVED
MMDadoda
4/6/2019 10:32:41 AM







TIC: VU030755.D

(7) Chloroethane-d5 (S)

1.637min (-0.038) 37.52ug/L m

response 114726

> MD
4/7/19

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\

Quantitation Report (QT Reviewed)

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Operator : JC/SP
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Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BF113ME

Manual Integrations APPROVED
MMDadoda
4/6/2019 10:32:41 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451335	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	443553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205050	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	152724	37.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.82%			
7) Chloroethane-d5	1.64	69	114726m	37.52	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.04%			
11) 1,1-Dichloroethene-d2	2.23	63	232505	31.91	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.82%			
21) 2-Butanone-d5	4.19	46	319047	99.92	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.92%			
24) Chloroform-d	4.64	84	271489	44.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.22%			
26) 1,2-Dichloroethane-d4	5.30	65	200029	47.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.26%			
32) Benzene-d6	5.33	84	566563	43.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.50%			
36) 1,2-Dichloropropane-d6	6.32	67	201389	45.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.76%			
41) Toluene-d8	7.56	98	465559	40.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.12%			
43) trans-1,3-Dichloropropene-	7.85	79	86131	42.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.14%			
47) 2-Hexanone-d5	8.32	63	217373	107.18	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306901	51.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	184669	45.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.58%			
Target Compounds						Qvalue
46) Tetrachloroethene	8.22	164	25215	9.742	ug/L	96

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

7MD 4/7/19