

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\
Quantitation Report (QT Reviewed)

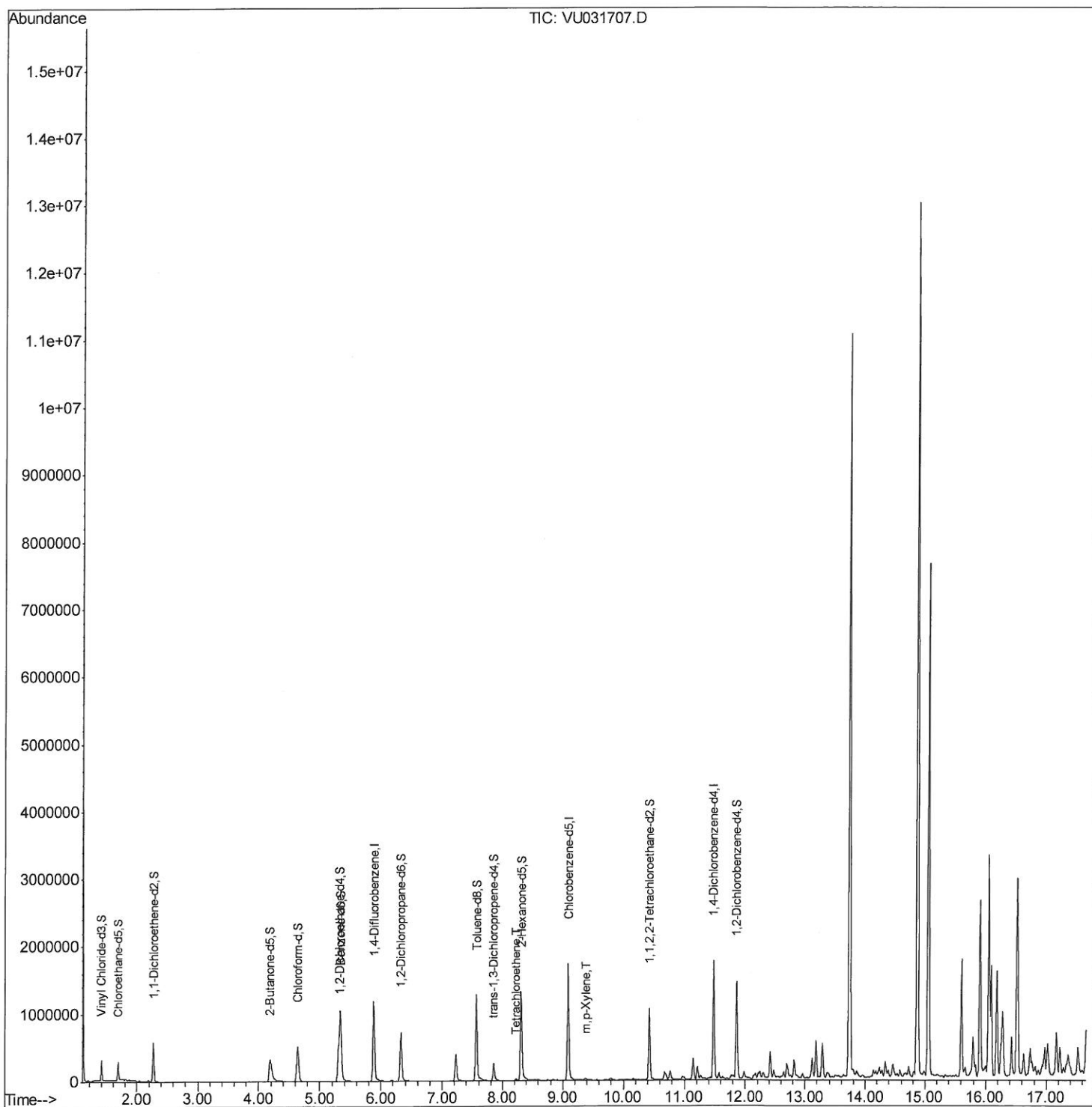
Data File : VU031707.D
Acq On : 02 May 2019 13:11
Operator : JC/SP
Sample : K2604-21 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ92

Manual Integrations
APPROVED

MMDadoda
5/3/2019 10:39:50 AM

Quant Time: May 03 05:50:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\
Quantitation Report (Qedit)

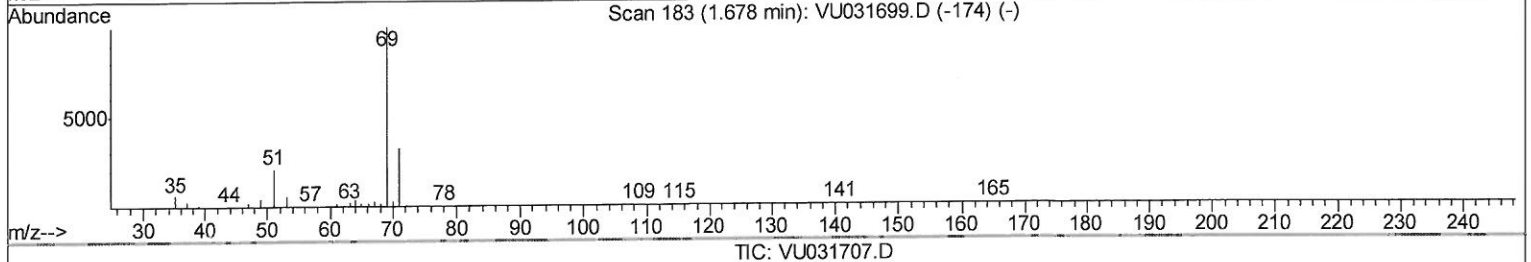
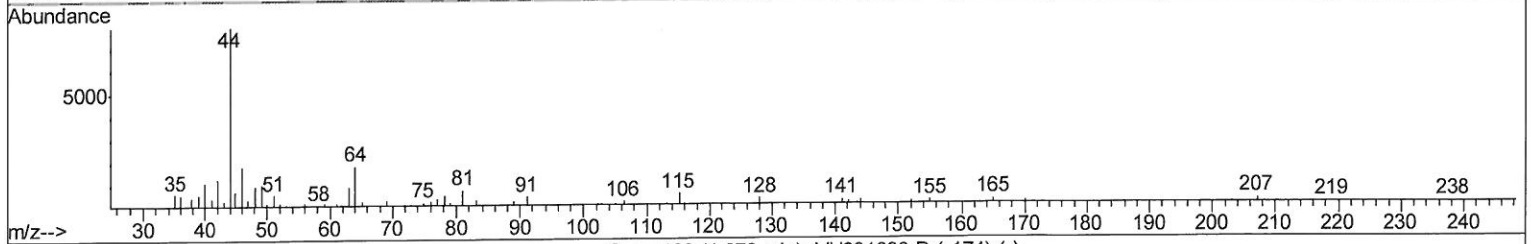
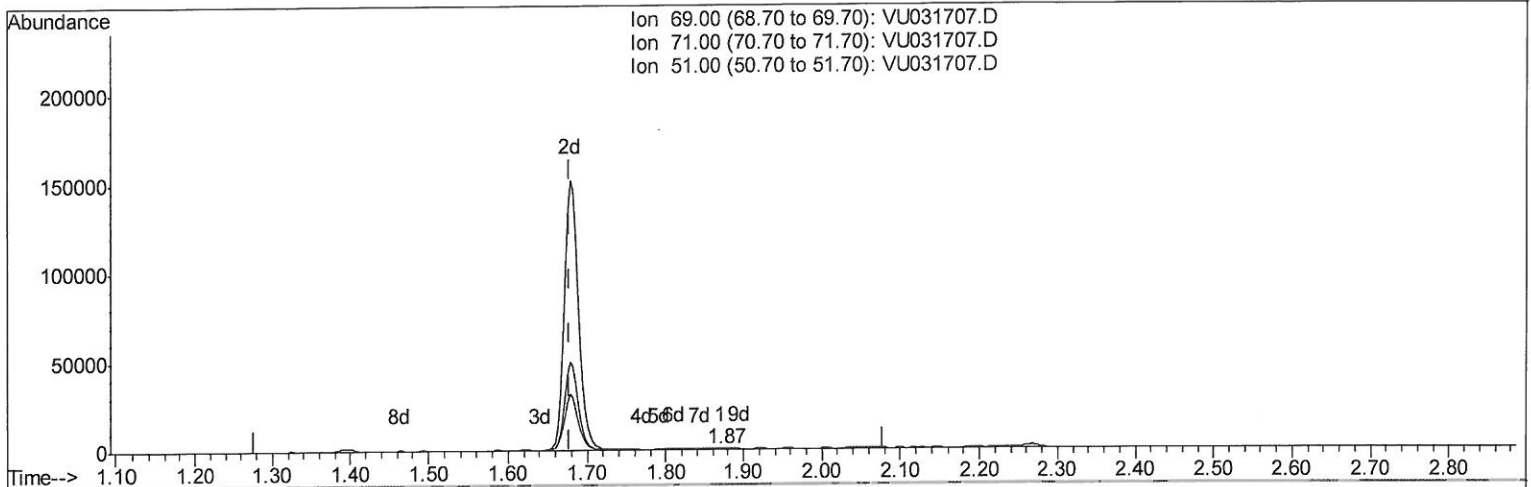
Data File : VU031707.D
Acq On : 02 May 2019 13:11
Operator : JC/SP
Sample : K2604-21 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ92

Manual Integrations
APPROVED

MMDadoda
5/3/2019 10:39:50 AM

Quant Time: May 03 04:41:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration



(7) Chloroethane-d5 (S)

1.871min (+0.193) 0.06ug/L

response 369

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	24.12
51.00	29.10	20.87
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\
Quantitation Report (Qedit)

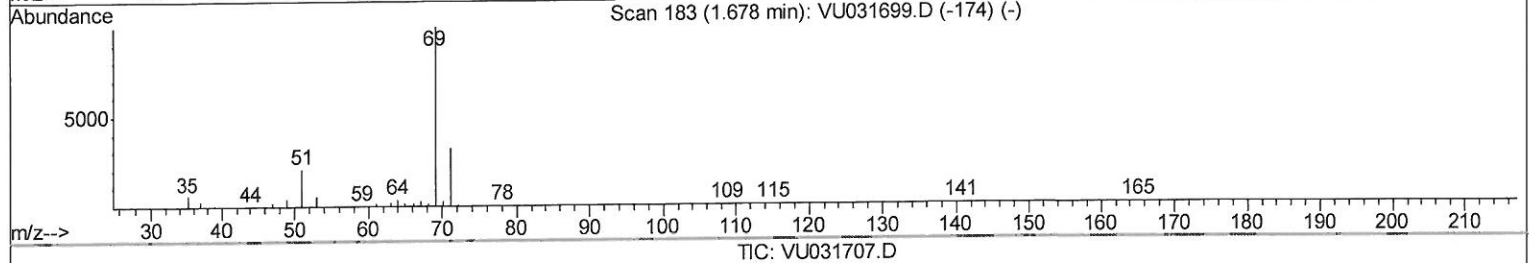
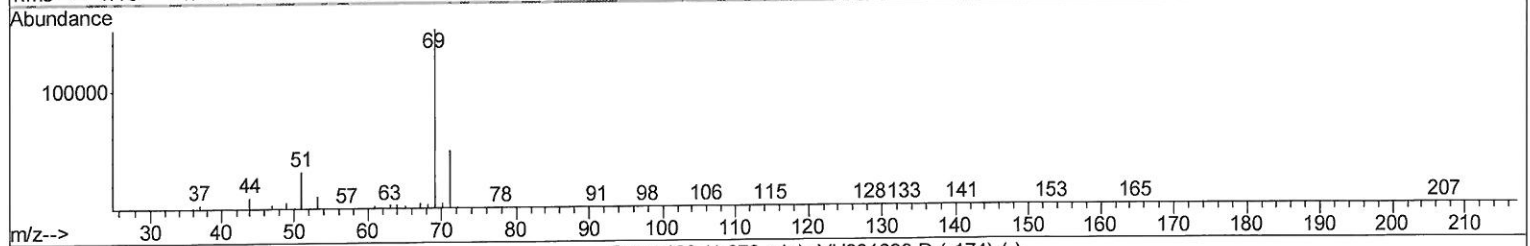
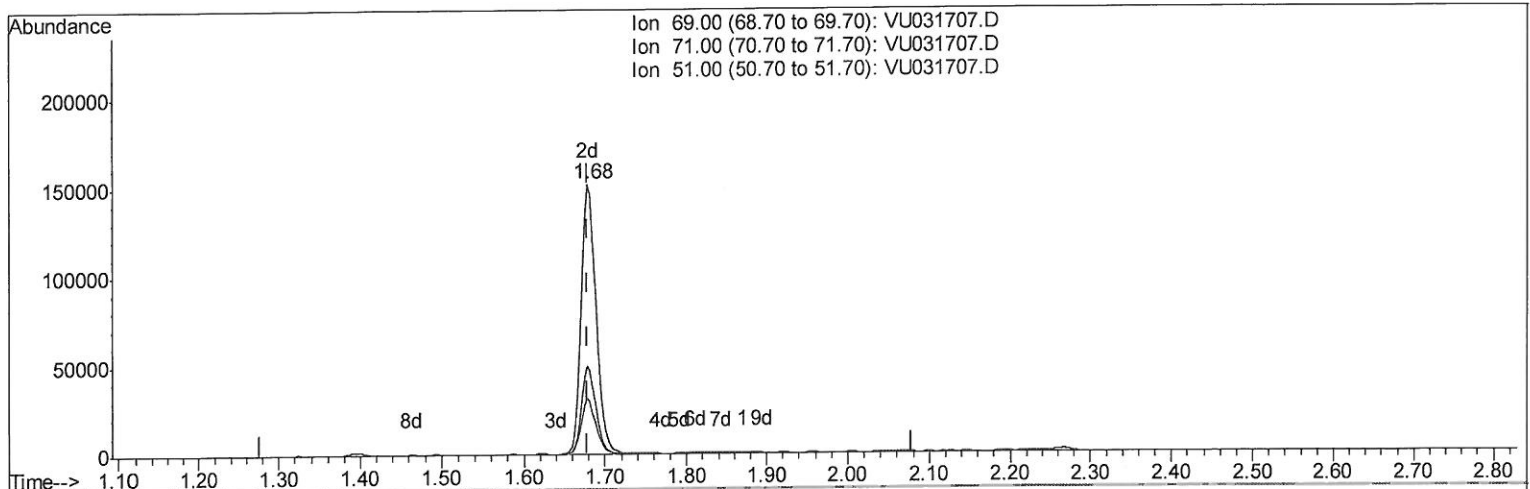
Data File : VU031707.D
Acq On : 02 May 2019 13:11
Operator : JC/SP
Sample : K2604-21 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ92

Manual Integrations
APPROVED

MMDadoda
5/3/2019 10:39:50 AM

Quant Time: May 03 04:41:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration



(7) Chloroethane-d5 (S)

1.678min (-0.000) 29.52ug/L m

response 192946

Ion	Exp%	Act%
69.00	100	100
71.00	32.30	0.05#
51.00	29.10	0.04#
0.00	0.00	0.00

MD
5/6/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\
Quantitation Report (QT Reviewed)

Data File : VU031707.D
Acq On : 02 May 2019 13:11
Operator : JC/SP
Sample : K2604-21 50X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ92

Manual Integrations
APPROVED

MMDadoda
5/3/2019 10:39:50 AM

Quant Time: May 03 05:50:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1010551	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	953441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	443644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	207549	24.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	49.08%#
7) Chloroethane-d5	1.68	69	192946m	29.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.04%#
11) 1,1-Dichloroethene-d2	2.27	63	347764	20.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.30%#
21) 2-Butanone-d5	4.19	46	689517	89.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.98%
24) Chloroform-d	4.64	84	513791	33.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.34%#
26) 1,2-Dichloroethane-d4	5.31	65	351815	34.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.54%#
32) Benzene-d6	5.34	84	1031665	35.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.48%
36) 1,2-Dichloropropane-d6	6.33	67	387515	37.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.24%
41) Toluene-d8	7.56	98	881793	34.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.16%#
43) trans-1,3-Dichloropropene-	7.85	79	158723	35.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.80%
47) 2-Hexanone-d5	8.31	63	483525	108.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	559203	40.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.90%
64) 1,2-Dichlorobenzene-d4	11.85	152	356224	38.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.36%#

Target Compounds					Qvalue
46) Tetrachloroethene	8.23	164	5605	0.968 ug/L	85
53) m,p-Xylene	9.37	106	6767	0.536 ug/L	98

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