

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
Quantitation Report (Qedit)

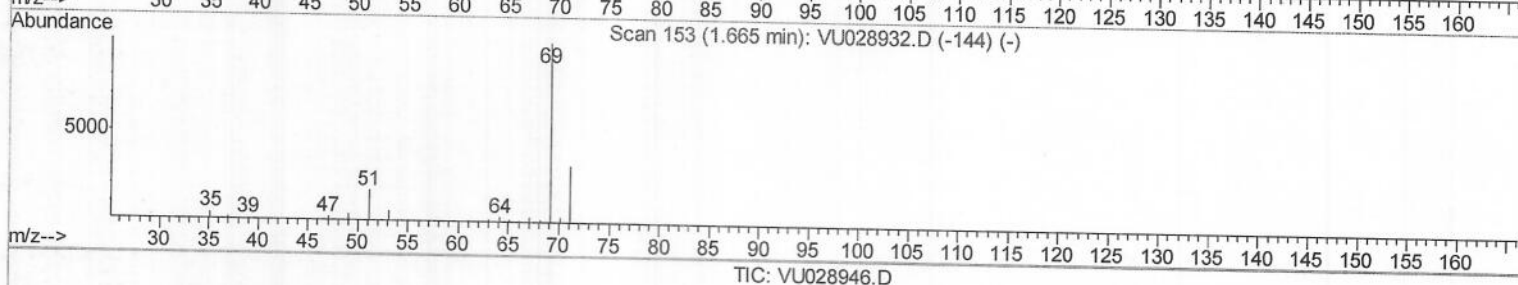
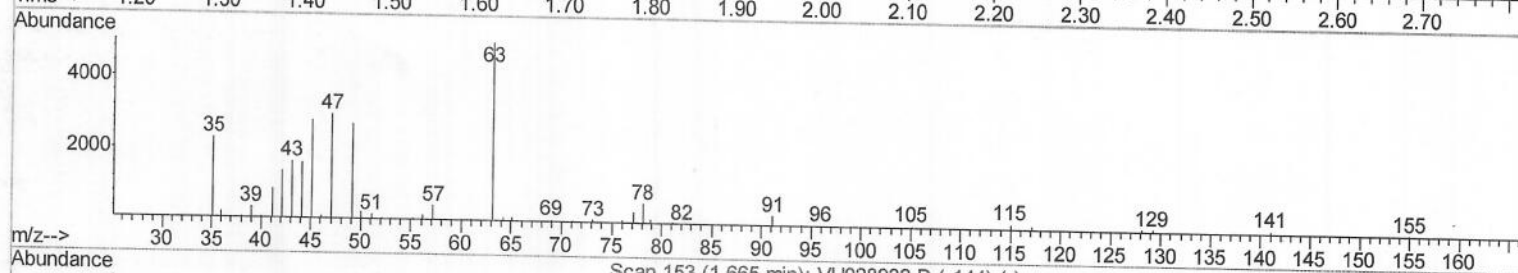
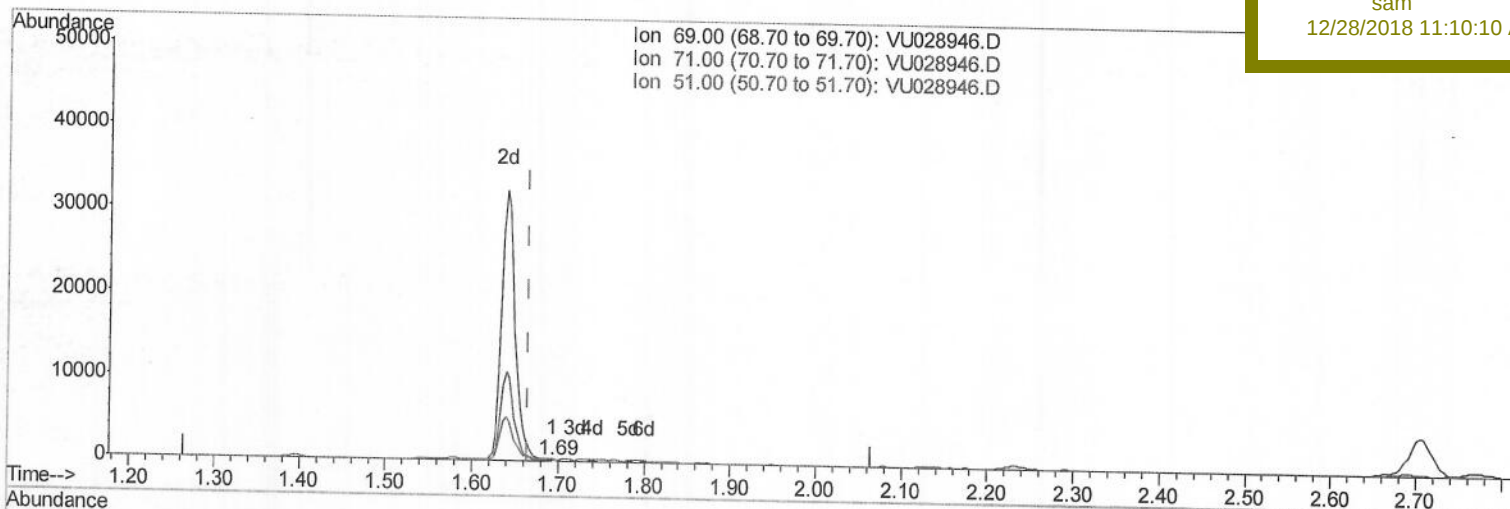
Data File : VU028946.D
Acq On : 24 Dec 2018 14:42
Operator : MD/SY
Sample : J6489-08
Misc : 5.85g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 25 00:08:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F9F76

Manual Integrations
APPROVED

sam
12/28/2018 11:10:10 AM



TIC: VU028946.D

(7) Chloroethane-d5 (S)

1.694min (+0.029) 0.05ug/L

response 80

Ion	Exp%	Act%
69.00	100	100
71.00	32.00	58.75#
51.00	24.50	83.75#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
Quantitation Report (Qedit)

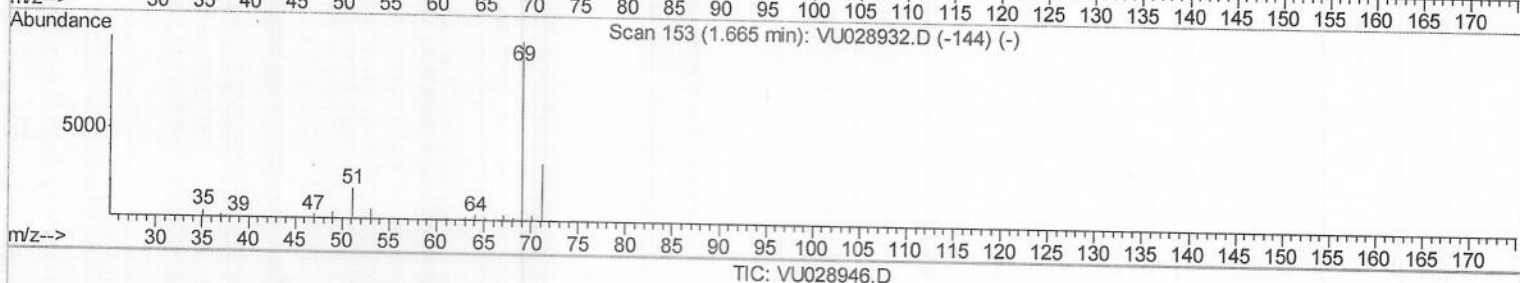
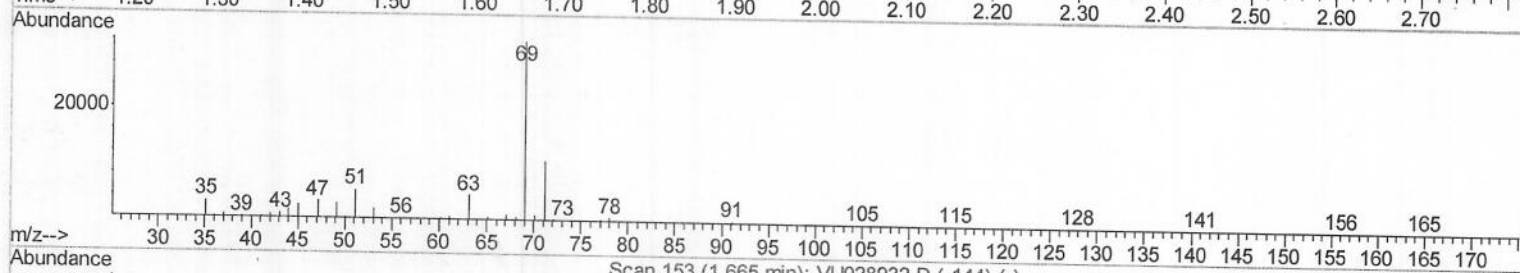
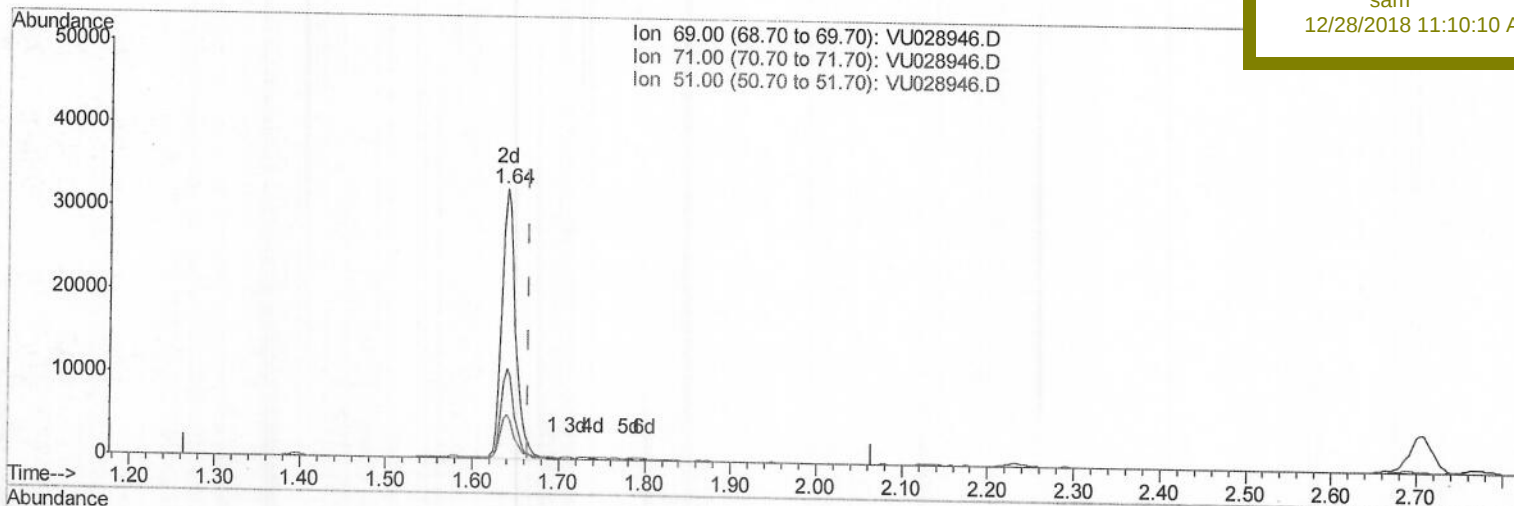
Data File : VU028946.D
Acq On : 24 Dec 2018 14:42
Operator : MD/SY
Sample : J6489-08
Misc : 5.85g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 25 00:08:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F9F76

Manual Integrations
APPROVED

sam
12/28/2018 11:10:10 AM



(7) Chloroethane-d5 (S)

1.640min (-0.026) 22.87ug/L m

response 35833

Ion Exp% Act%

69.00 100 100

71.00 32.00 0.13#

51.00 24.50 0.19#

0.00 0.00 0.00

M.D
12/28/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
Data File : VU028946.D
Acq On : 24 Dec 2018 14:42
Operator : MD/SY
Sample : J6489-08
Misc : 5.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 26 09:24:41 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Dec 25 00:02:36 2018

Response via : Initial Calibration

Instrument :

MSVOA_U

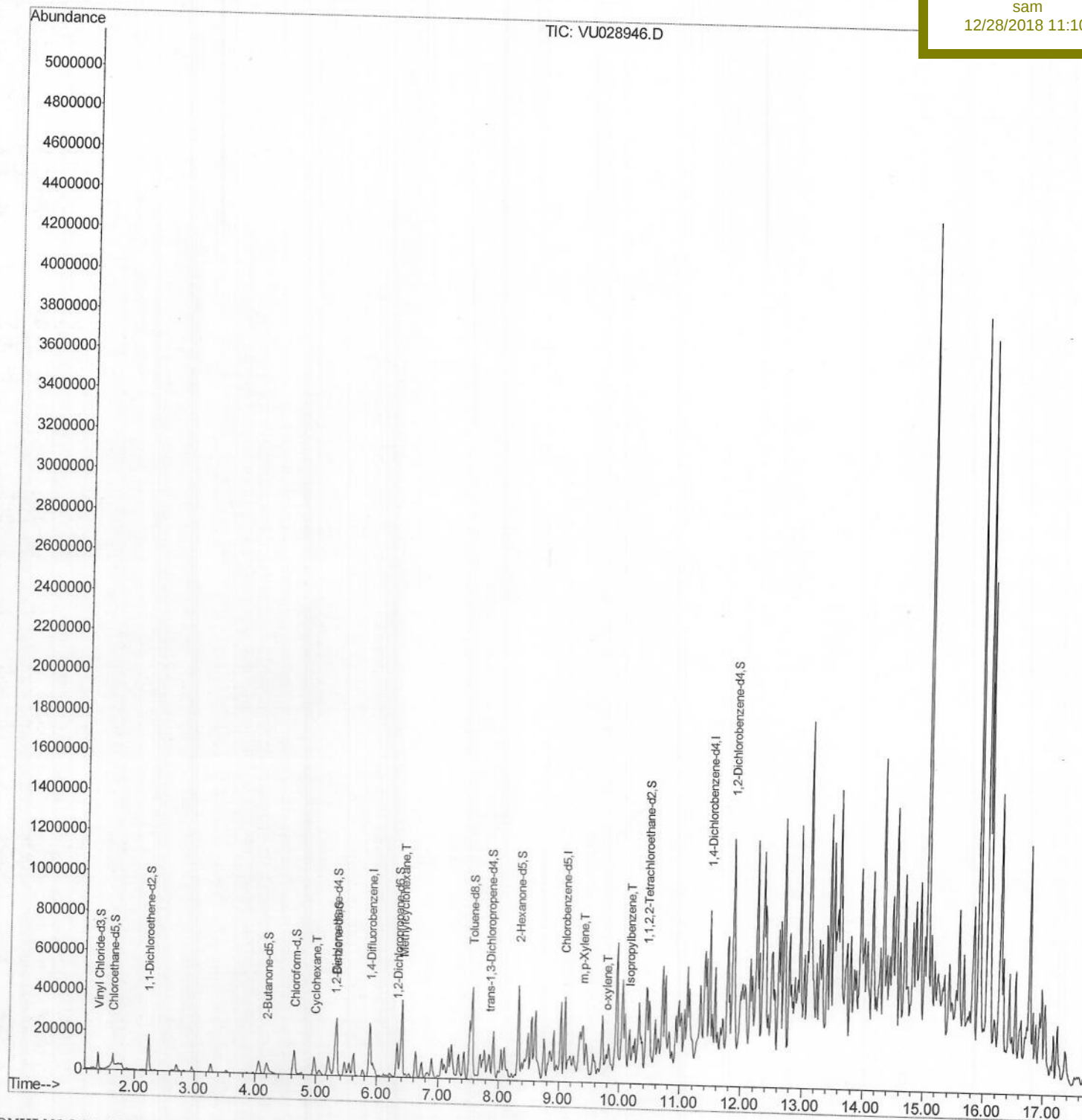
Client Sample ID :

F9F76

Manual Integrations
APPROVED

Sam

12/28/2018 11:10:10 AM



SOMULM122018WMA.M Thu Dec 27 11:55:36 2018

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
 Data File : VU028946.D
 Acq On : 24 Dec 2018 14:42
 Operator : MD/SY
 Sample : J6489-08
 Misc : 5.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F76

Quant Time: Dec 26 09:24:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 25 00:02:36 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sam
 12/28/2018 11:10:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	253068	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	250836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	136444	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61125	30.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.26%
7) Chloroethane-d5	1.64	69	35833m	22.87	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.74%#
11) 1,1-Dichloroethene-d2	2.23	63	100368	29.42	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.84%#
21) 2-Butanone-d5	4.19	46	119901	84.35	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.35%
24) Chloroform-d	4.64	84	132512	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.08%
26) 1,2-Dichloroethane-d4	5.30	65	83326	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
32) Benzene-d6	5.33	84	289763	40.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.78%
36) 1,2-Dichloropropane-d6	6.33	67	97451	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.96%
41) Toluene-d8	7.56	98	293629	45.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.44%
43) trans-1,3-Dichloropropene-	7.85	79	49410	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.32	63	116061	101.51	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	159754	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	128703	46.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.28%

Target Compounds				Qvalue	
29) Cyclohexane	4.97	56	34584	10.359	ug/L 91
35) Methylcyclohexane	6.40	83	180524	56.220	ug/L 96
53) m,p-Xylene	9.38	106	31981	9.943	ug/L 92
54) o-xylene	9.78	106	29054	9.013	ug/L 98
56) Isopropylbenzene	10.17	105	69185	8.460	ug/L # 91

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