

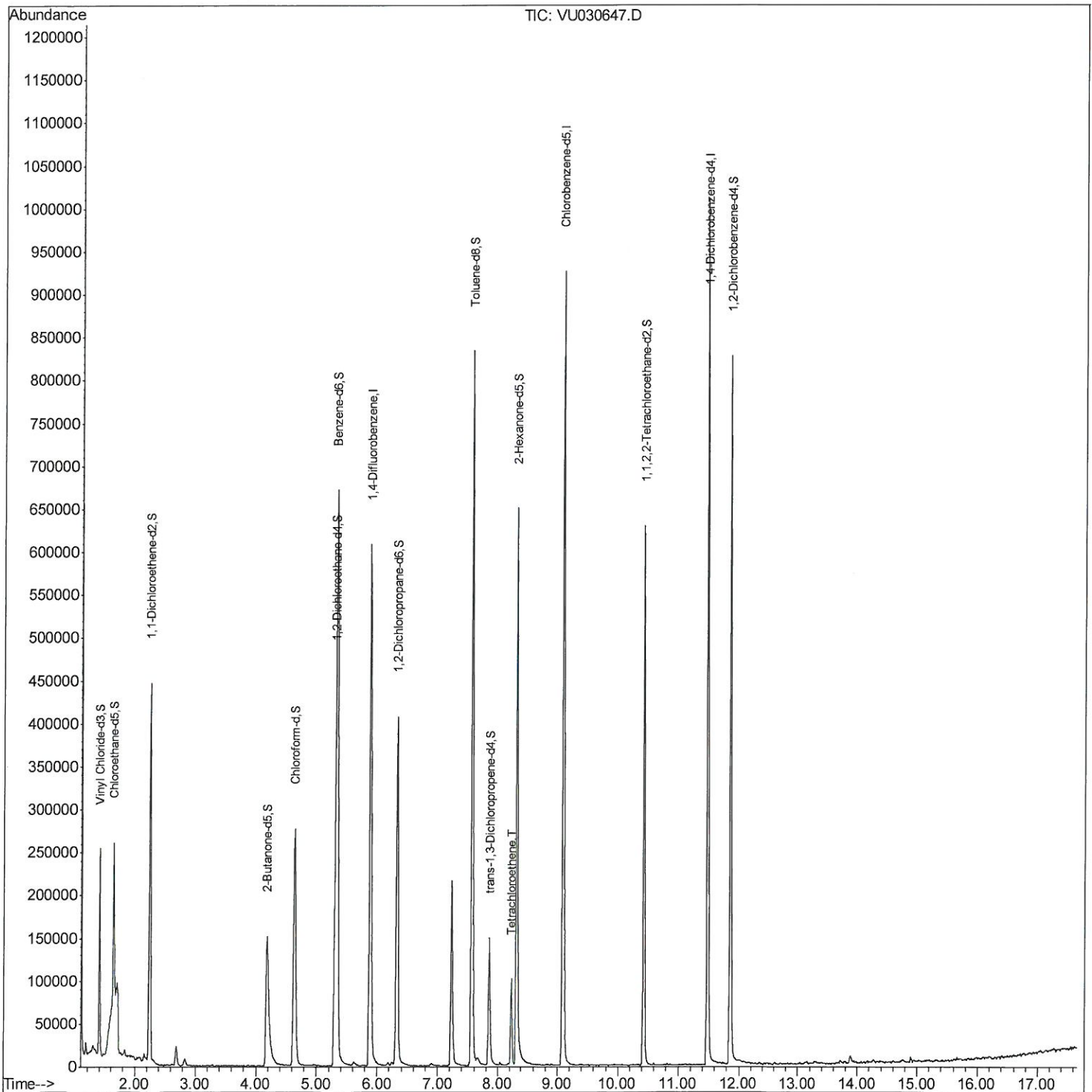
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040419\
Data File : VU030647.D
Acq On : 03 Apr 2019 22:54
Operator : JC/SP
Sample : K2167-11ME
Misc : 6.44µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF112ME

Manual Integrations
APPROVED

MMDadoda
4/4/2019 11:52:50 AM

Quant Time: Apr 04 09:17:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

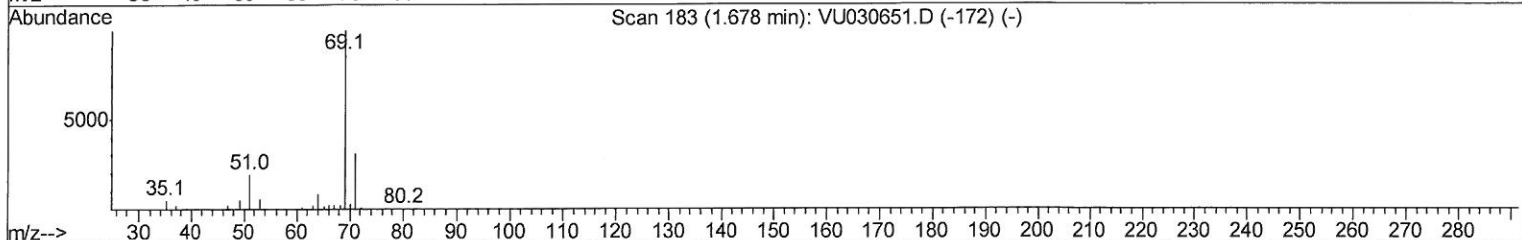
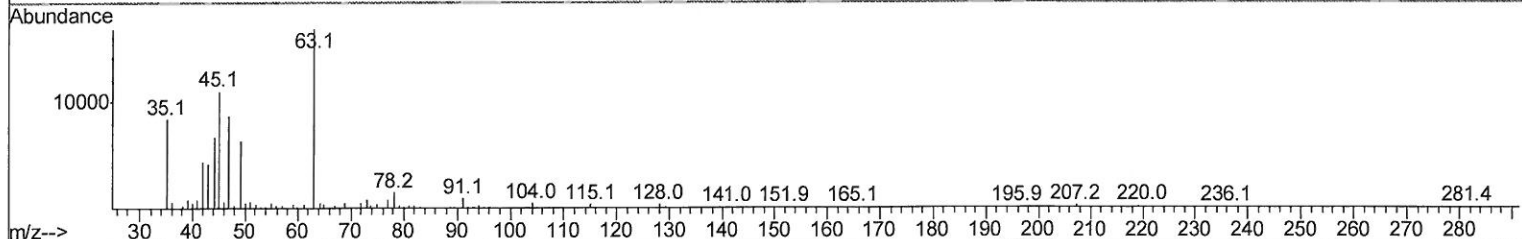
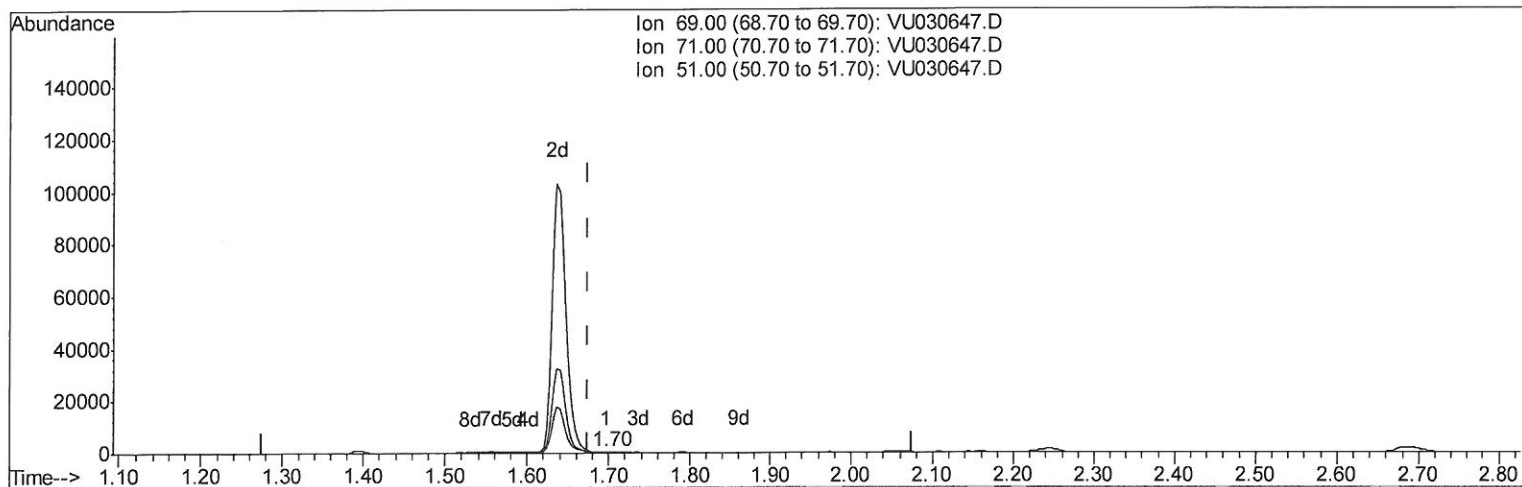
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040419\
 Data File : VU030647.D
 Acq On : 03 Apr 2019 22:54
 Operator : JC/SP
 Sample : K2167-11ME
 Misc : 6.44g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF112ME

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:52:50 AM

Quant Time: Apr 04 06:59:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:52:42 2019
 Response via : Initial Calibration



TIC: VU030647.D

(7) Chloroethane-d5 (S)
 1.698min (+0.022) 0.25ug/L
 response 878

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	3.19#
51.00	28.60	7.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

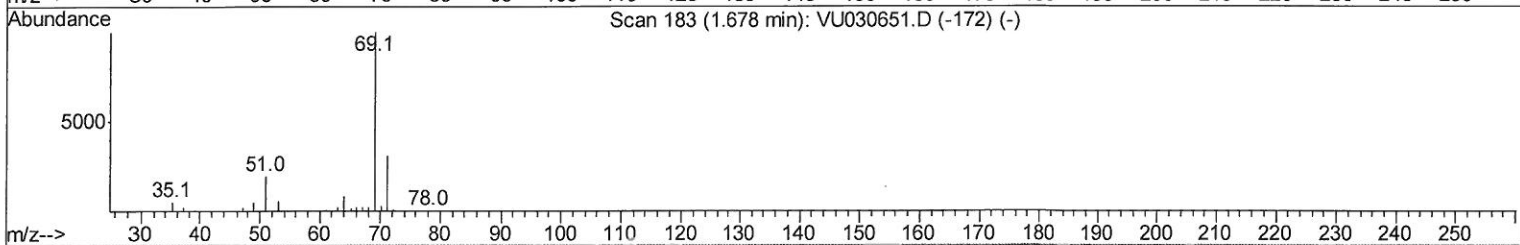
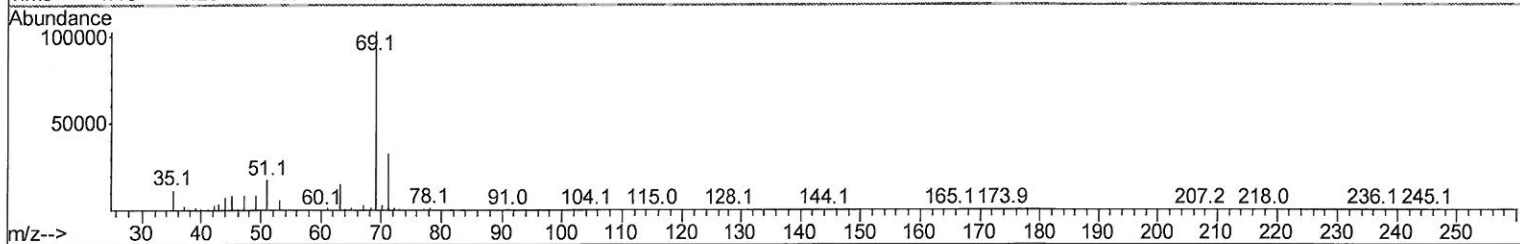
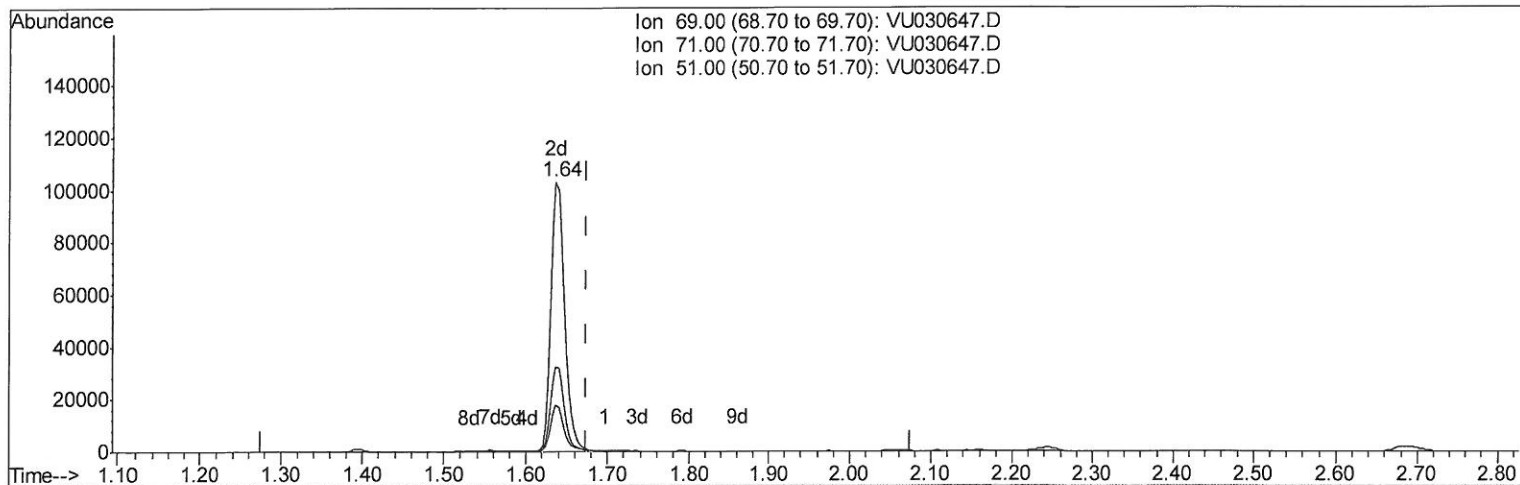
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040419\
 Data File : VU030647.D
 Acq On : 03 Apr 2019 22:54
 Operator : JC/SP
 Sample : K2167-11ME
 Misc : 6.44g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF112ME

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:52:50 AM

Quant Time: Apr 04 06:59:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:52:42 2019
 Response via : Initial Calibration



TIC: VU030647.D

(7) Chloroethane-d5 (S)

1.637min (-0.039) 34.06ug/L m

response 118851

7 MD
 4/6/19

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.02#
51.00	28.60	0.05#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU040419\
 Data File : VU030647.D
 Acq On : 03 Apr 2019 22:54
 Operator : JC/SP
 Sample : K2167-11ME
 Misc : 6.44µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF112ME

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:52:50 AM

Quant Time: Apr 04 09:17:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:52:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	547070	50.00	µg/L	0.00
28) Chlorobenzene-d5	9.09	117	536176	50.00	µg/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	256658	50.00	µg/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	170601	38.75	µg/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.50%
7) Chloroethane-d5	1.64	69	118851m	34.06	µg/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.12%#
11) 1,1-Dichloroethene-d2	2.24	63	262099	31.38	µg/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.76%
21) 2-Butanone-d5	4.18	46	319462	77.19	µg/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.19%
24) Chloroform-d	4.64	84	292784	38.60	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.30	65	202123	40.72	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.44%
32) Benzene-d6	5.33	84	657209	42.74	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.48%
36) 1,2-Dichloropropane-d6	6.32	67	222417	42.28	µg/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.56%
41) Toluene-d8	7.56	98	577982	41.85	µg/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.70%
43) trans-1,3-Dichloropropene-	7.85	79	96670	39.08	µg/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.16%
47) 2-Hexanone-d5	8.32	63	245233	86.02	µg/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327189	43.46	µg/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	227318	44.20	µg/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%

7 MD
 4/6/19

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
46) Tetrachloroethene	8.22	164	23552	7.515	µg/L	98

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