

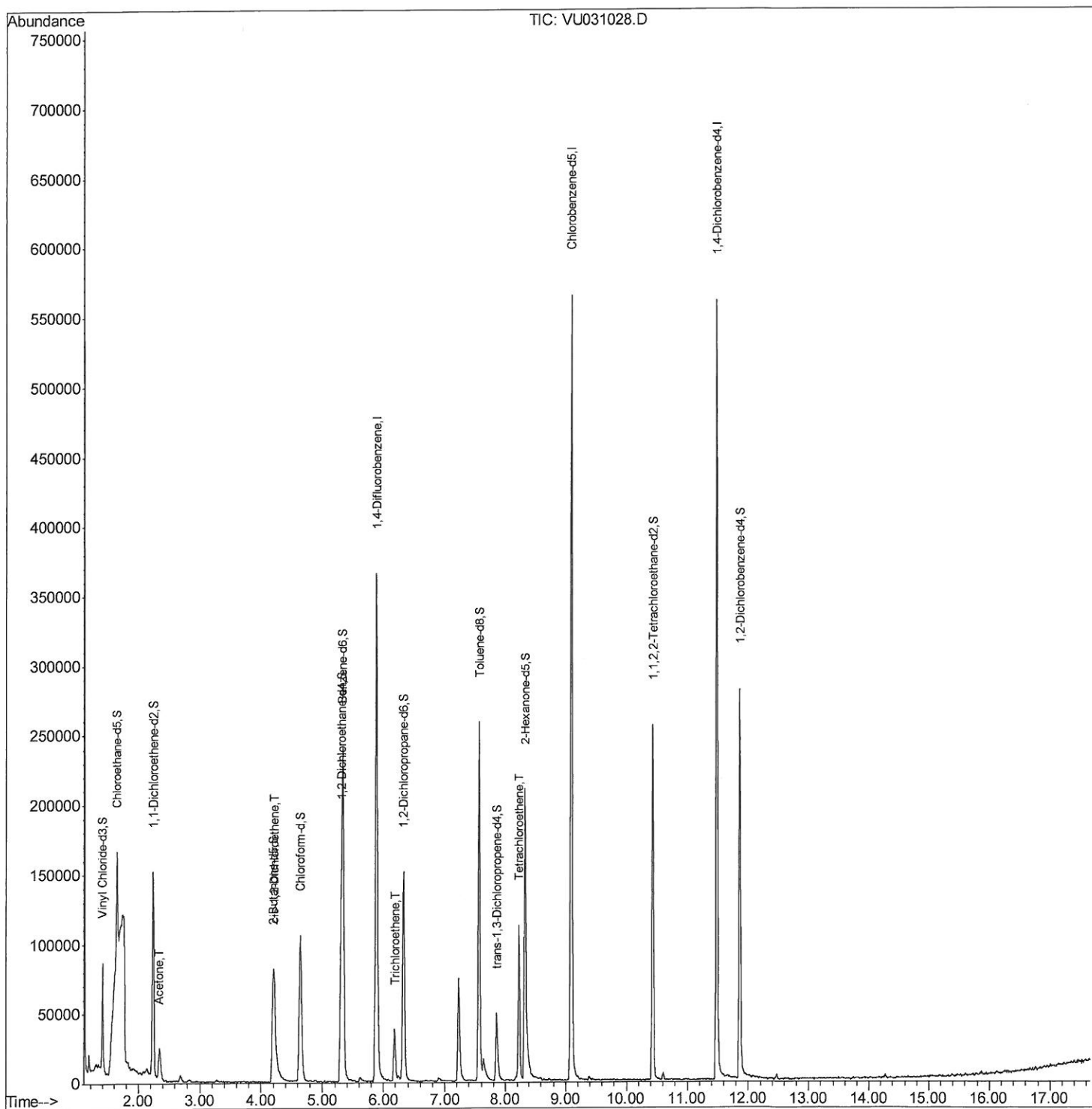
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031028.D
Acq On : 10 Apr 2019 21:52
Operator : JC/SP
Sample : K2277-21MERE
Misc : 5.69g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2R5MERE

Manual Integrations
APPROVED

MMDadoda
4/12/2019 5:44:26 PM

Quant Time: Apr 11 07:07:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

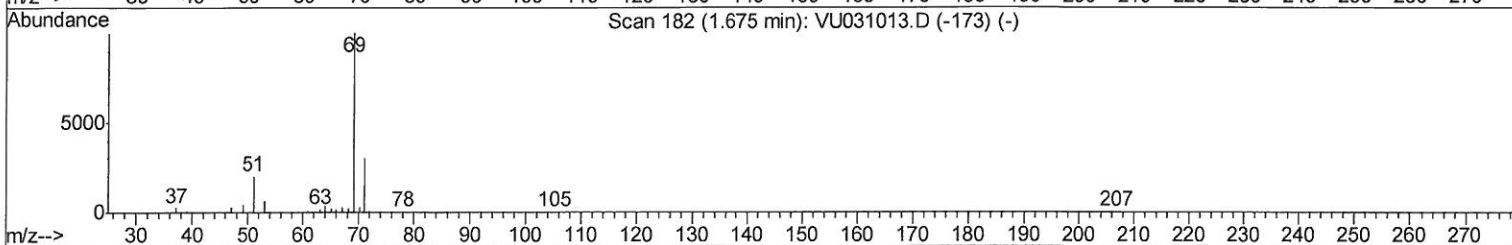
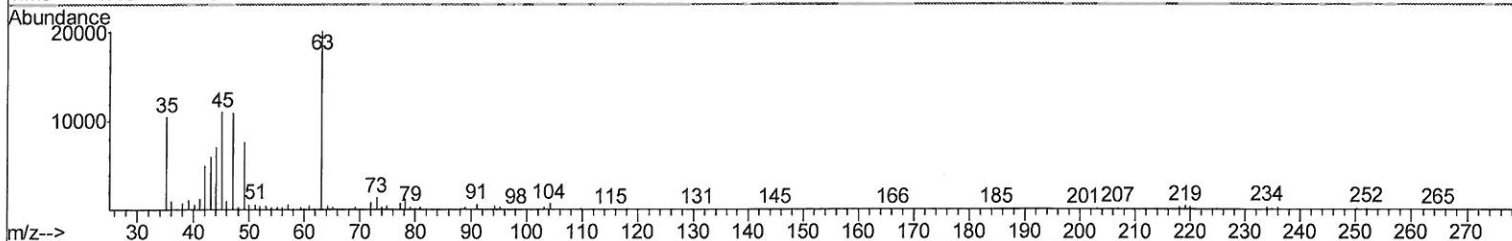
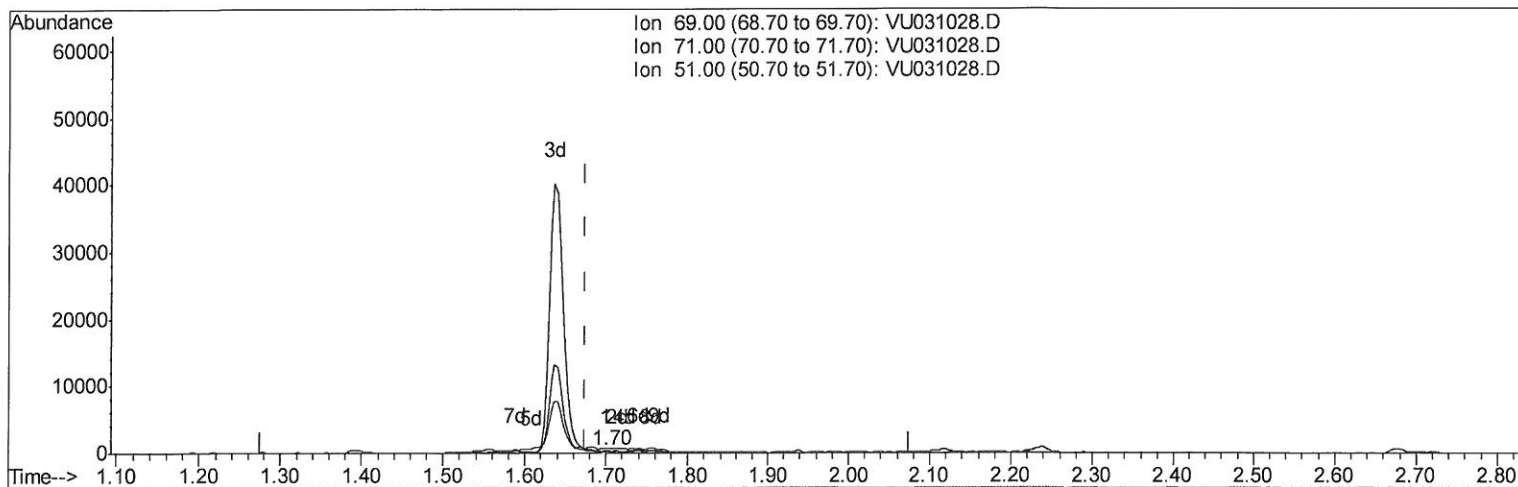
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031028.D
Acq On : 10 Apr 2019 21:52
Operator : JC/SP
Sample : K2277-21MERE
Misc : 5.69µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2R5MERE

Manual Integrations
APPROVED

MMDadoda
4/12/2019 5:44:26 PM

Quant Time: Apr 11 05:24:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration



TIC: VU031028.D

(7) Chloroethane-d5 (S)

1.701min (+0.026) 0.07ug/L

response 148

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.00#
51.00	27.70	110.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

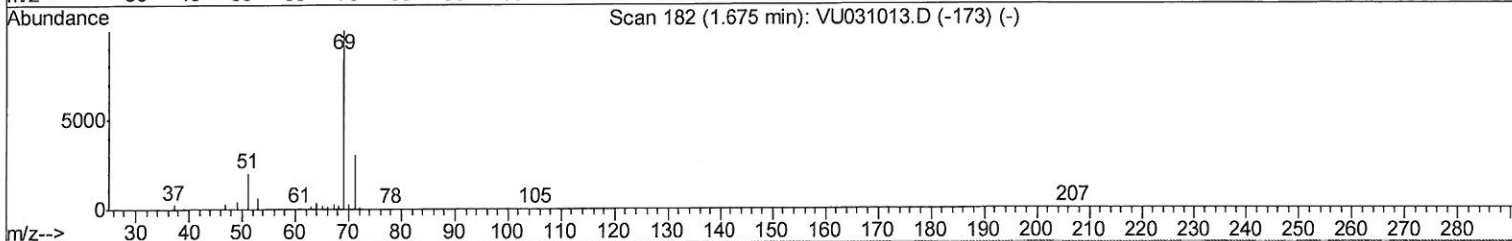
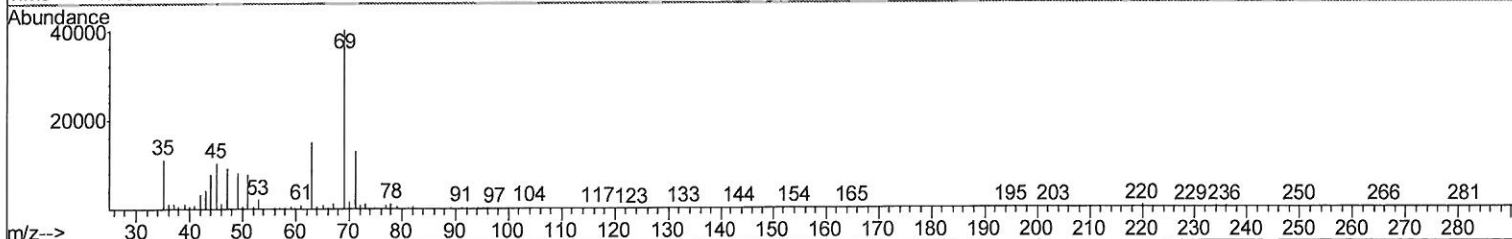
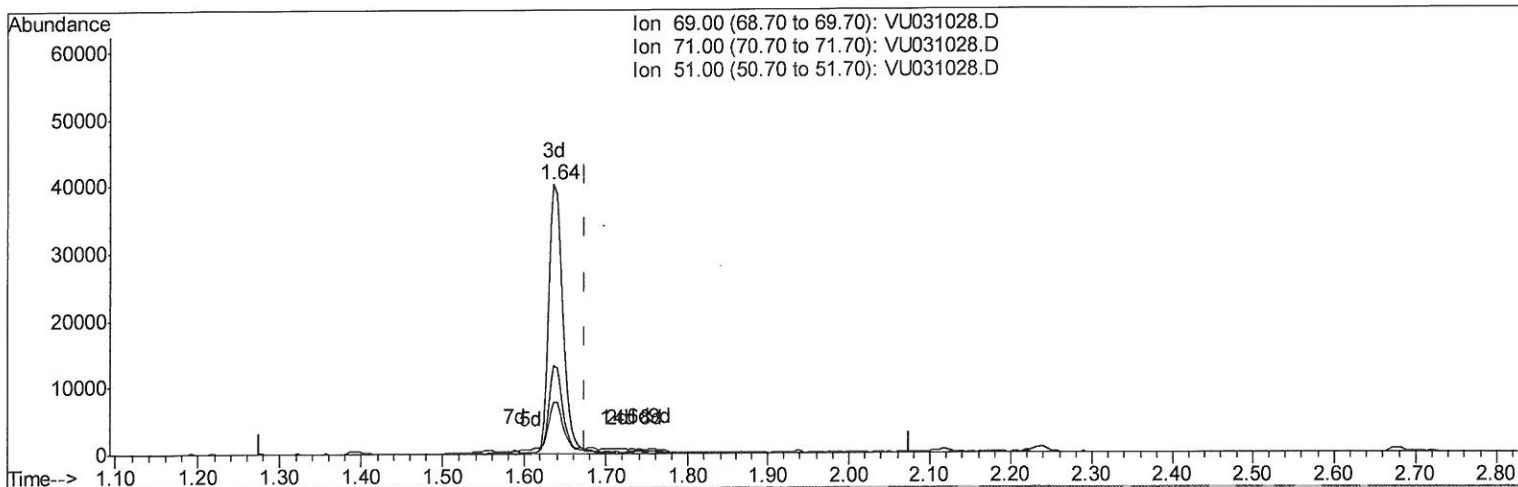
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031028.D
 Acq On : 10 Apr 2019 21:52
 Operator : JC/SP
 Sample : K2277-21MERE
 Misc : 5.69g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R5MERE

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:44:26 PM

Quant Time: Apr 11 05:24:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration



TIC: VU031028.D

(7) Chloroethane-d5 (S)

1.637min (-0.039) 21.29ug/L m

response 47679

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.00#
51.00	27.70	0.34#
0.00	0.00	0.00

MMD
 4/13/19

Quantitation Report (Qedit)

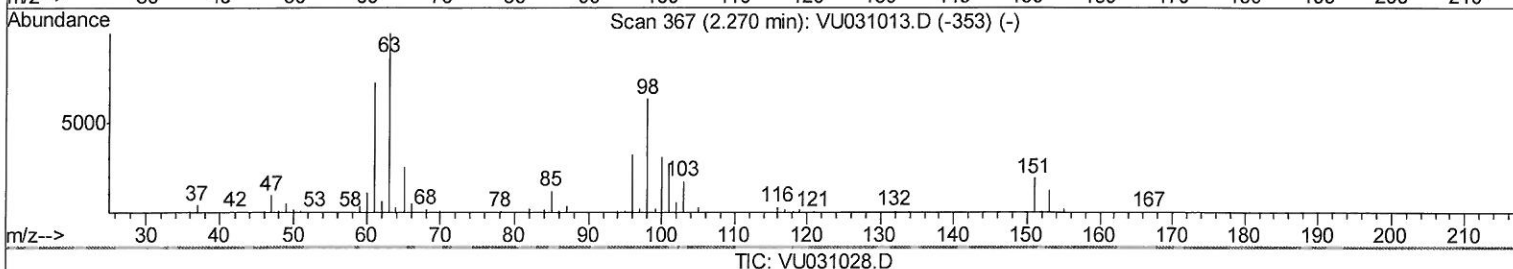
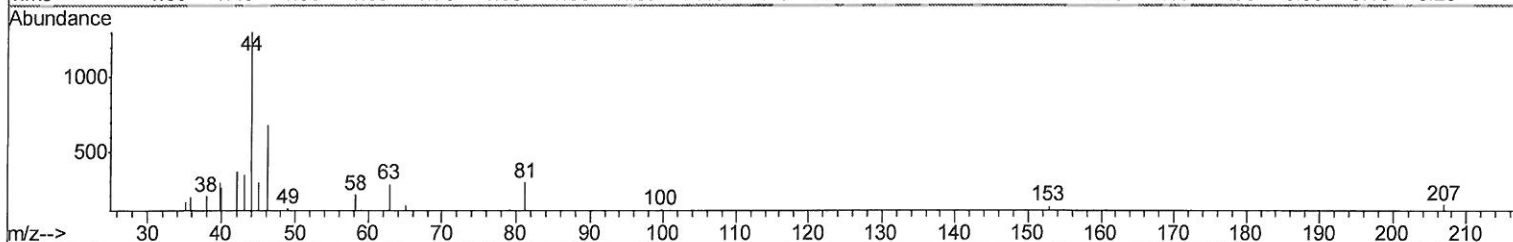
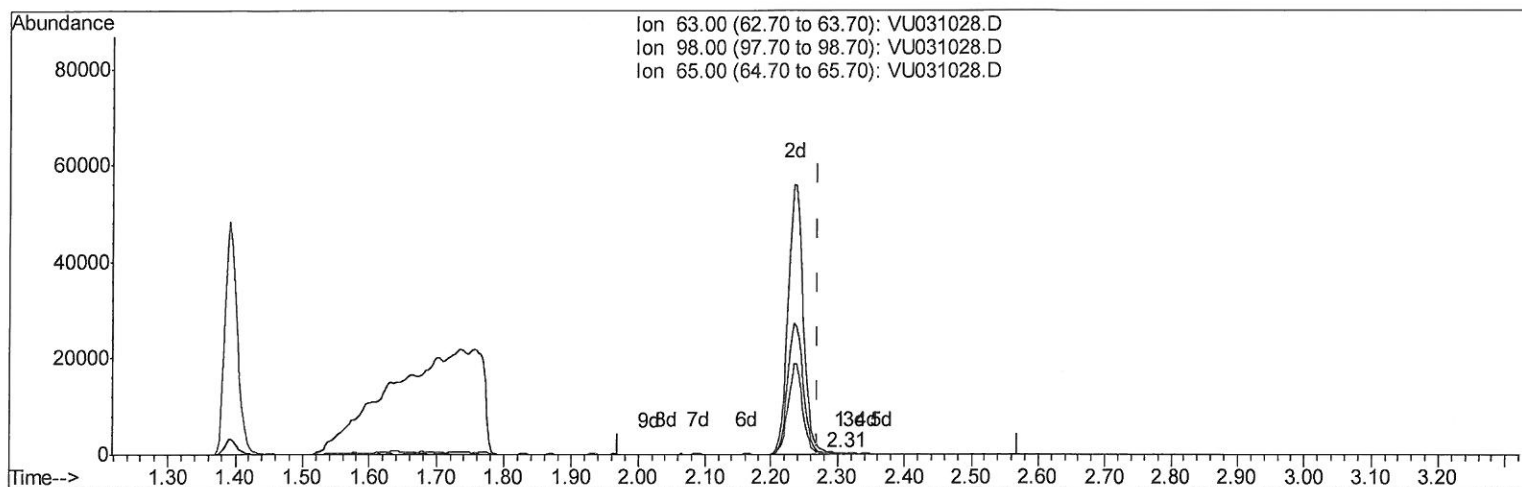
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031028.D
 Acq On : 10 Apr 2019 21:52
 Operator : JC/SP
 Sample : K2277-21MERE
 Misc : 5.69g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
ClientSampleId :
 BF2R5MERE

Manual Integrations
APPROVED

MMDadoda
 4/12/2019 5:44:26 PM

Quant Time: Apr 11 05:24:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration



(11) 1,1-Dichloroethene-d2 (S)

2.305min (+0.035) 0.03ug/L

response 168

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	124.40#
65.00	24.00	53.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

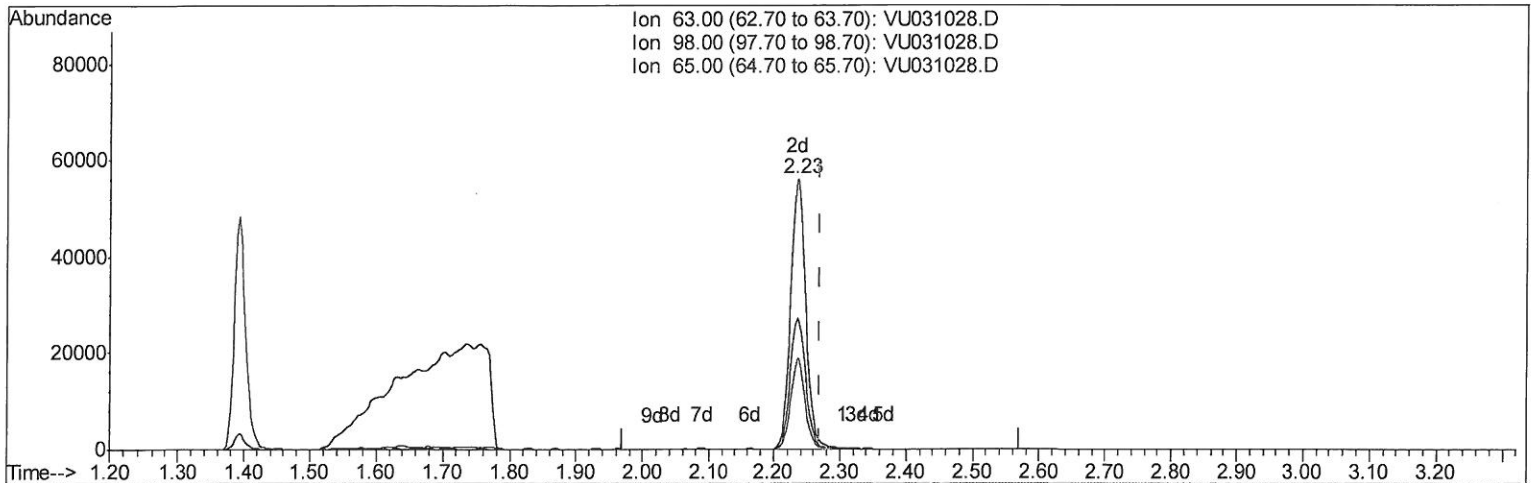
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031028.D
 Acq On : 10 Apr 2019 21:52
 Operator : JC/SP
 Sample : K2277-21MERE
 Misc : 5.69µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R5MERE

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:44:26 PM

Quant Time: Apr 11 05:24:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031028.D
 Acq On : 10 Apr 2019 21:52
 Operator : JC/SP
 Sample : K2277-21MERE
 Misc : 5.69µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R5MERE

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:44:26 PM

Quant Time: Apr 11 07:07:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	330613	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	338487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148431	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57976	19.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	39.28%	#	
7) Chloroethane-d5	1.64	69	47679m	21.29	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	42.58%	#	
11) 1,1-Dichloroethene-d2	2.23	63	88974m	16.67	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	33.34%	#	
21) 2-Butanone-d5	4.20	46	137802	58.91	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	58.91%		
24) Chloroform-d	4.64	84	110788	24.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	49.14%	#	
26) 1,2-Dichloroethane-d4	5.30	65	86091	27.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	55.98%	#	
32) Benzene-d6	5.33	84	223750	22.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	45.28%	#	
36) 1,2-Dichloropropane-d6	6.32	67	83732	24.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	49.46%	#	
41) Toluene-d8	7.56	98	190784	21.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	43.56%	#	
43) trans-1,3-Dichloropropene-	7.86	79	34844	22.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	45.12%	#	
47) 2-Hexanone-d5	8.32	63	80656	52.11	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	52.11%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132771	29.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	58.14%	#	
64) 1,2-Dichlorobenzene-d4	11.86	152	78506	26.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	53.78%	#	

MD
 5/13/19

Target Compounds					Ovalue
13) Acetone	2.34	43	39338	16.435	ug/L 68
20) cis-1,2-Dichloroethene	4.22	96	20970	7.827	ug/L 95
34) Trichloroethene	6.18	95	14102	5.191	ug/L 90
46) Tetrachloroethene	8.22	164	25632	12.977	ug/L 98

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