Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\

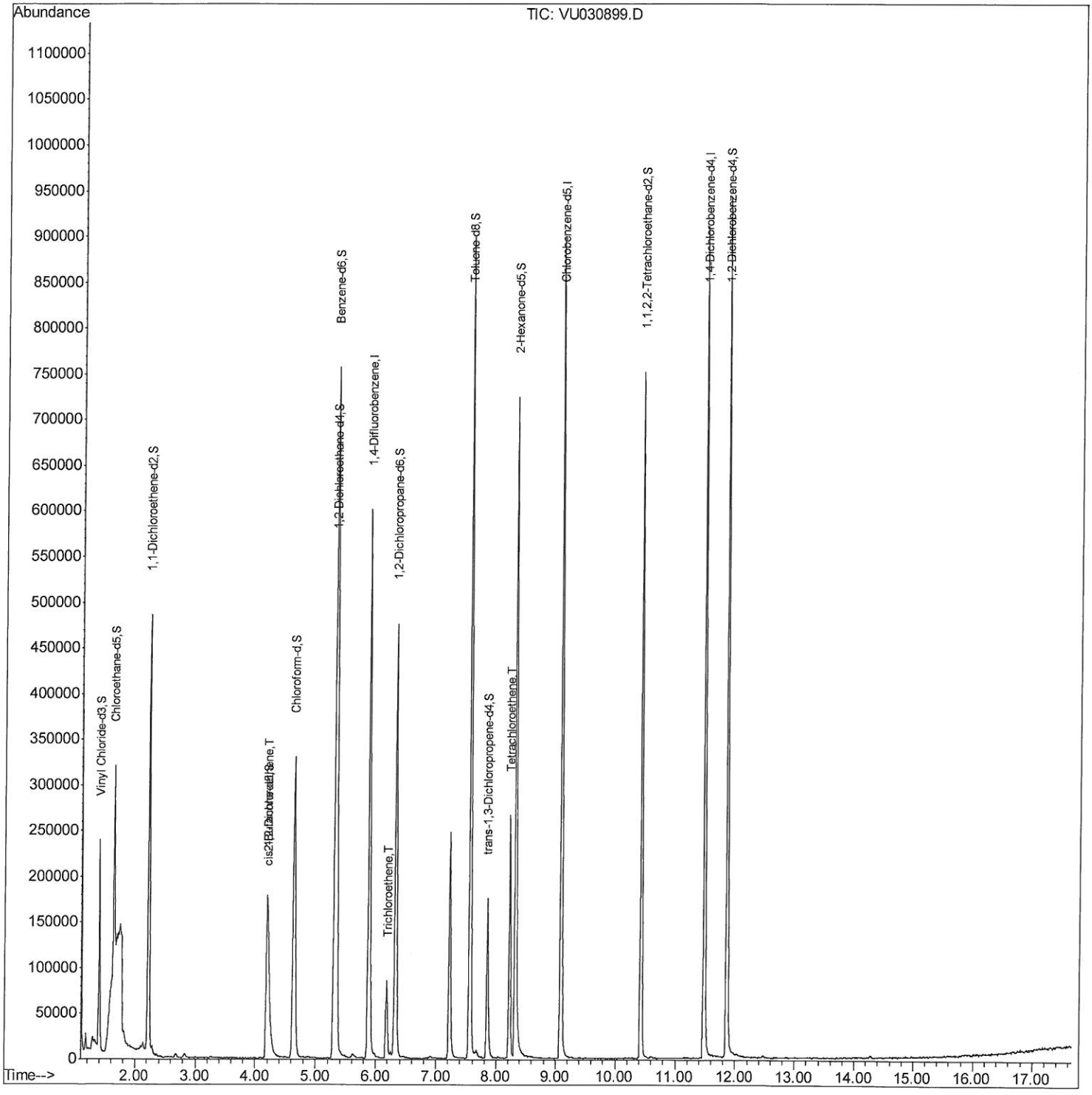
Quantitation Report (QT Reviewed)

Data File : VU030899.D
Acq On : 08 Apr 2019 12:42
Operator : JC/SP
Sample : K2277-09ME
Misc : 4.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 02:42:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:16:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF172ME

Manual Integrations APPROVED
MMDadoda
4/9/2019 11:05:25 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\

Quantitation Report (Qedit)

Data File : VU030899.D
Acq On : 08 Apr 2019 12:42
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Sample : K2277-09ME
Misc : 4.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 02:19:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:16:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
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MMDadoda
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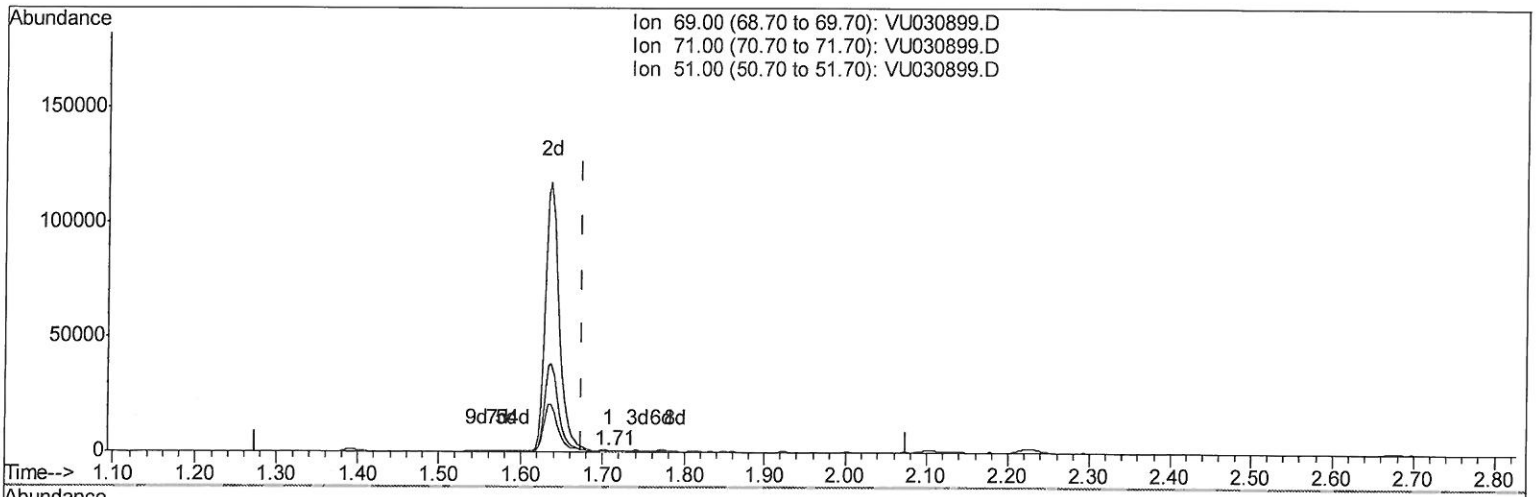

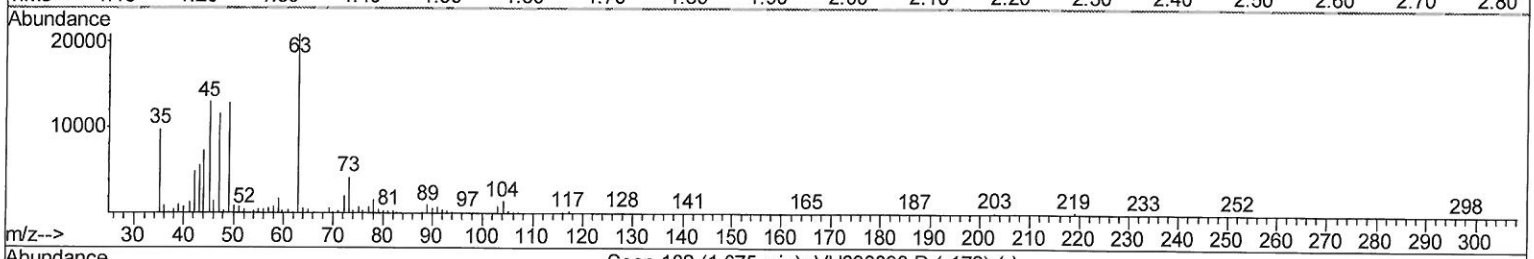

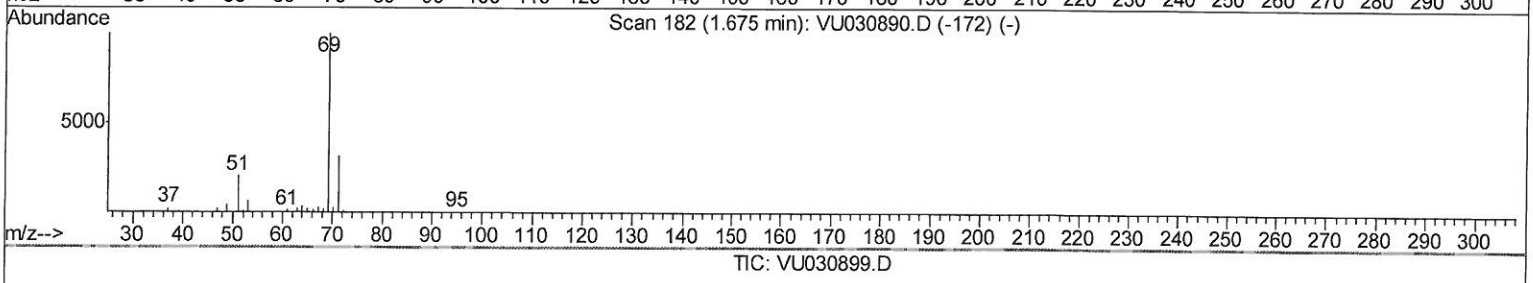

TIC: VU030899.D

(7) Chloroethane-d5 (S)

1.707min (+0.032) 0.29ug/L

response 994

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	13.08#
51.00	27.70	17.00#
0.00	0.00	0.00

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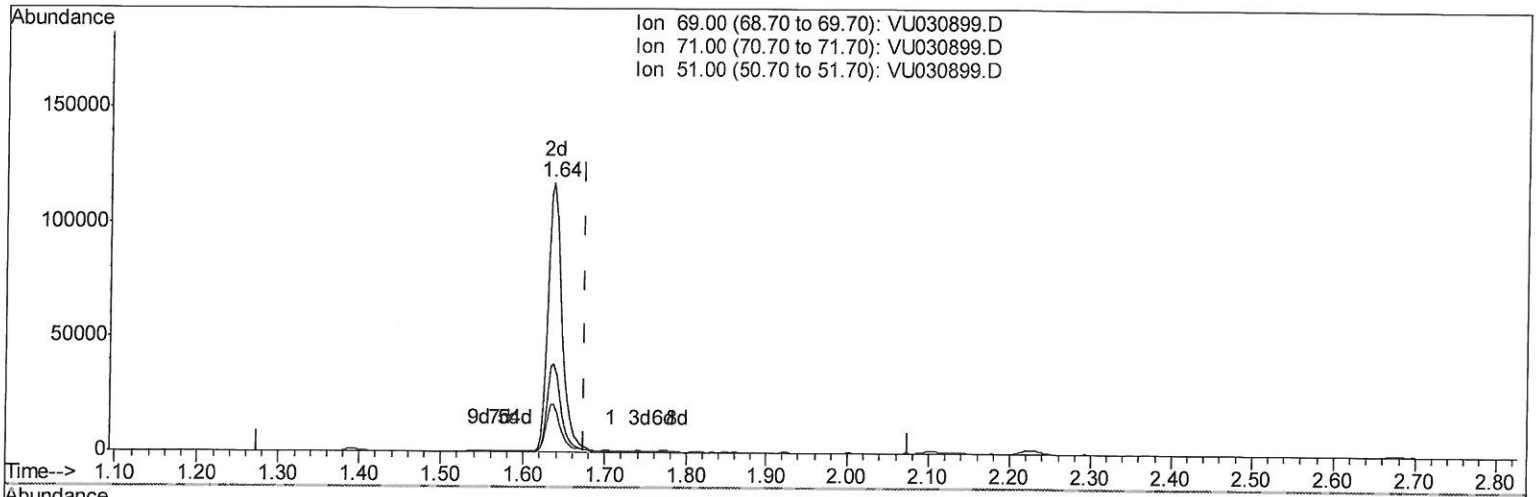

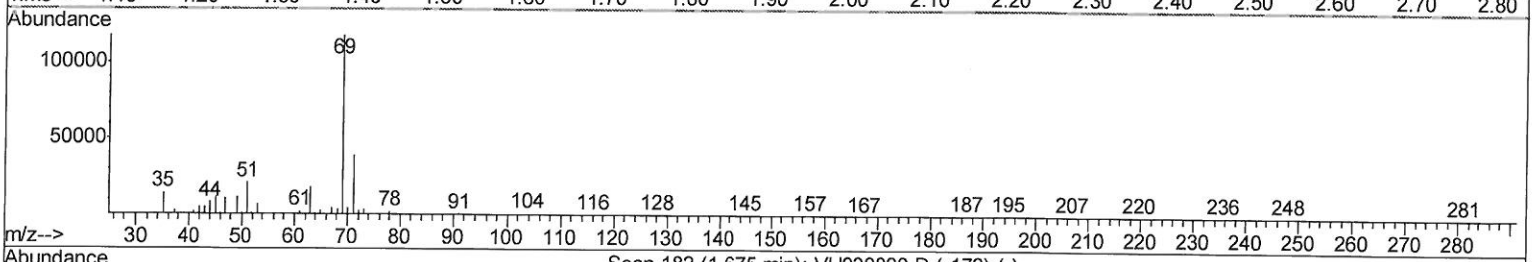

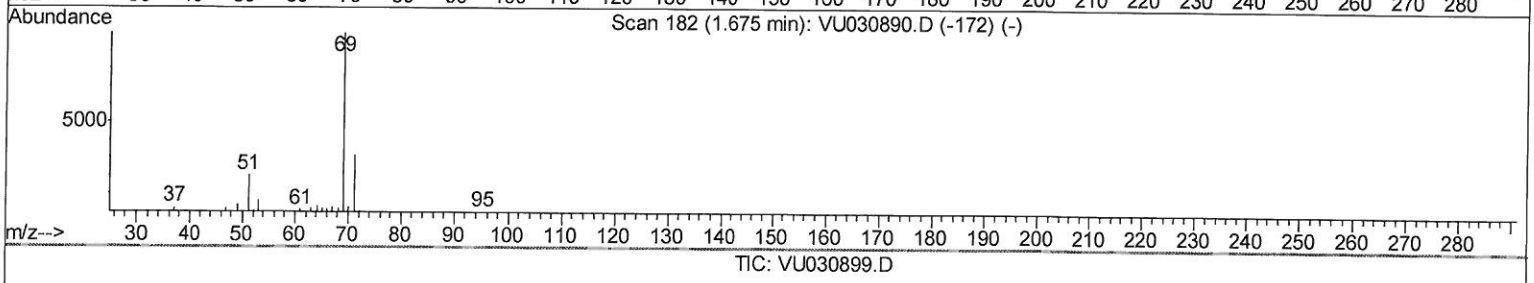

TIC: VU030899.D

(7) Chloroethane-d5 (S)

1.637min (-0.038) 40.12ug/L m

response 138902

Ion	Exp%	Act%
69.00	100	100
71.00	31.60	0.09#
51.00	27.70	0.12#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\

Quantitation Report (Qedit)

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Sample : K2277-09ME
Misc : 4.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 02:19:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
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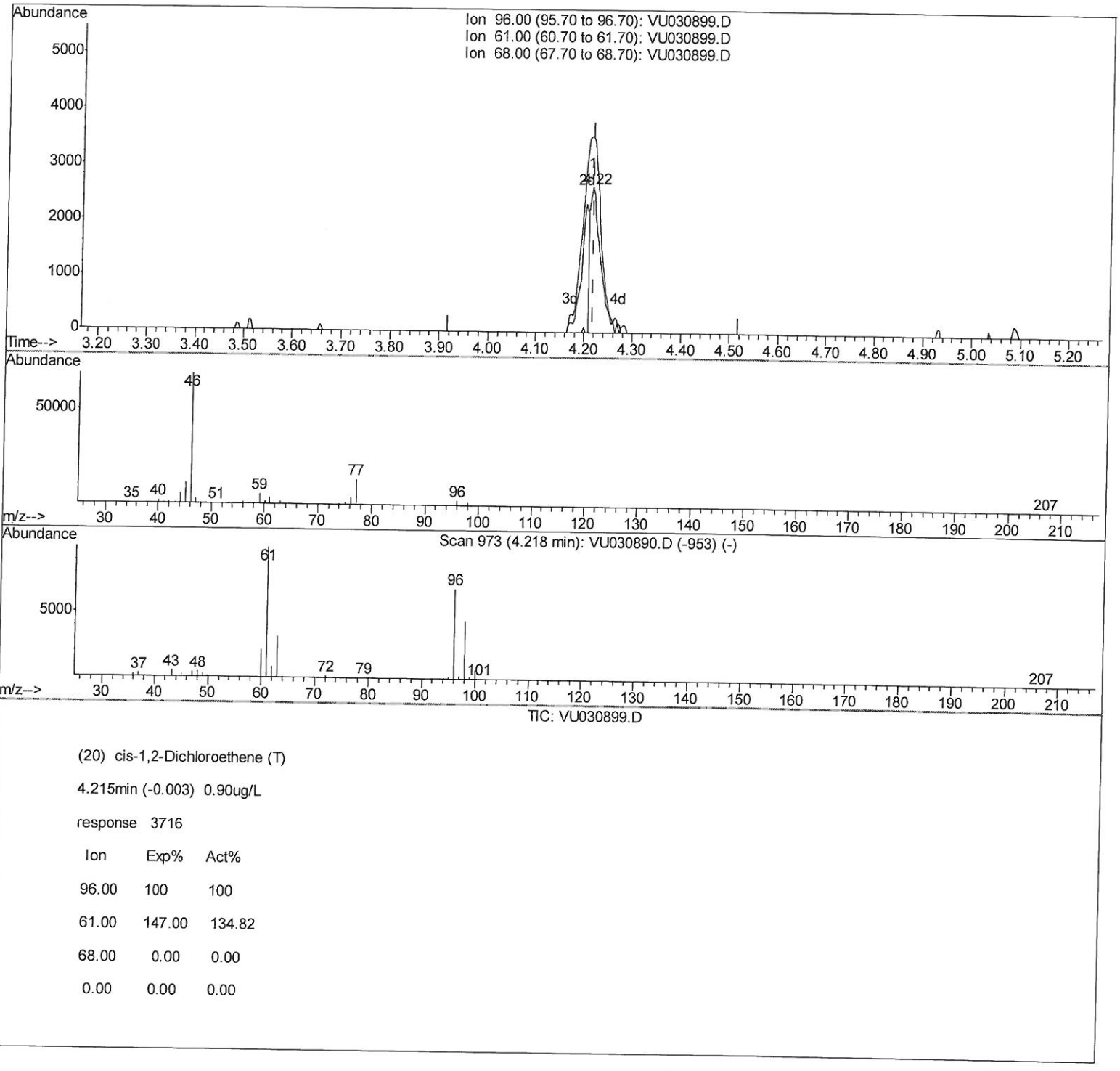
MMDadoda
4/9/2019 11:05:25 AM



(20) cis-1,2-Dichloroethene (T)

4.215min (-0.003) 0.90ug/L

response 3716

Ion	Exp%	Act%
96.00	100	100
61.00	147.00	134.82
68.00	0.00	0.00
0.00	0.00	0.00

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MSVOA_U
ClientSampleId :
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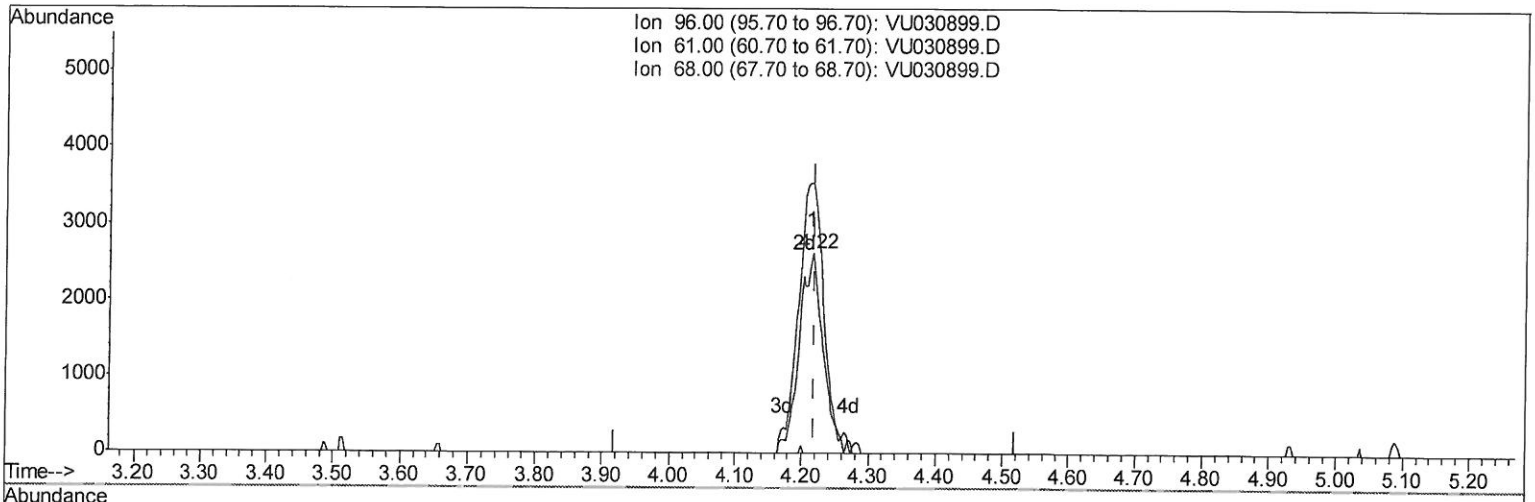
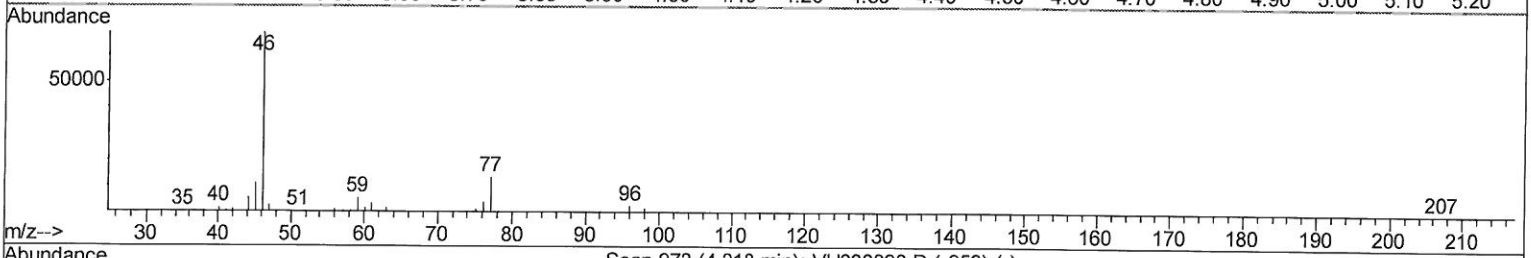
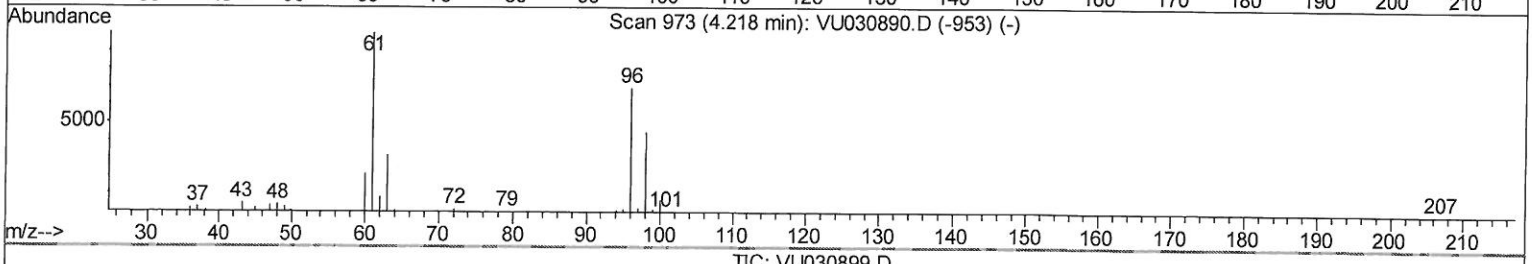
Manual Integrations APPROVED
MMDadoda
4/9/2019 11:05:25 AM







TIC: VU030899.D

(20) cis-1,2-Dichloroethene (T)

4.215min (-0.003) 1.54ug/L m

response 6396

Ion	Exp%	Act%
96.00	100	100
61.00	147.00	134.82
68.00	0.00	0.00
0.00	0.00	0.00

7M0 4/10/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040919\

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Instrument : MSVOA_U
ClientSampleId : BF172ME

Manual Integrations APPROVED
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4/9/2019 11:05:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510948	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	513350	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231034	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	177785	38.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.96%			
7) Chloroethane-d5	1.64	69	138902m	40.12	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.24%			
11) 1,1-Dichloroethene-d2	2.23	63	288048	34.92	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.84%			
21) 2-Butanone-d5	4.19	46	367651	101.70	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.70%			
24) Chloroform-d	4.64	84	344049	49.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.76%			
26) 1,2-Dichloroethane-d4	5.30	65	254665	53.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.14%			
32) Benzene-d6	5.33	84	703090	46.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.84%			
36) 1,2-Dichloropropane-d6	6.32	67	250016	48.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.36%			
41) Toluene-d8	7.56	98	611663	46.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.10%			
43) trans-1,3-Dichloropropene-	7.85	79	110667	47.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.52%			
47) 2-Hexanone-d5	8.32	63	266662	113.60	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.60%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	385214	55.61	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 111.22%			
64) 1,2-Dichlorobenzene-d4	11.86	152	241545	53.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.32%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.22	96	6396m	1.545	ug/L	
34) Trichloroethene	6.18	95	32566	7.904	ug/L	95
46) Tetrachloroethene	8.22	164	60384	20.158	ug/L	99

MD 4/10/19

MD 4/10/19

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