Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\

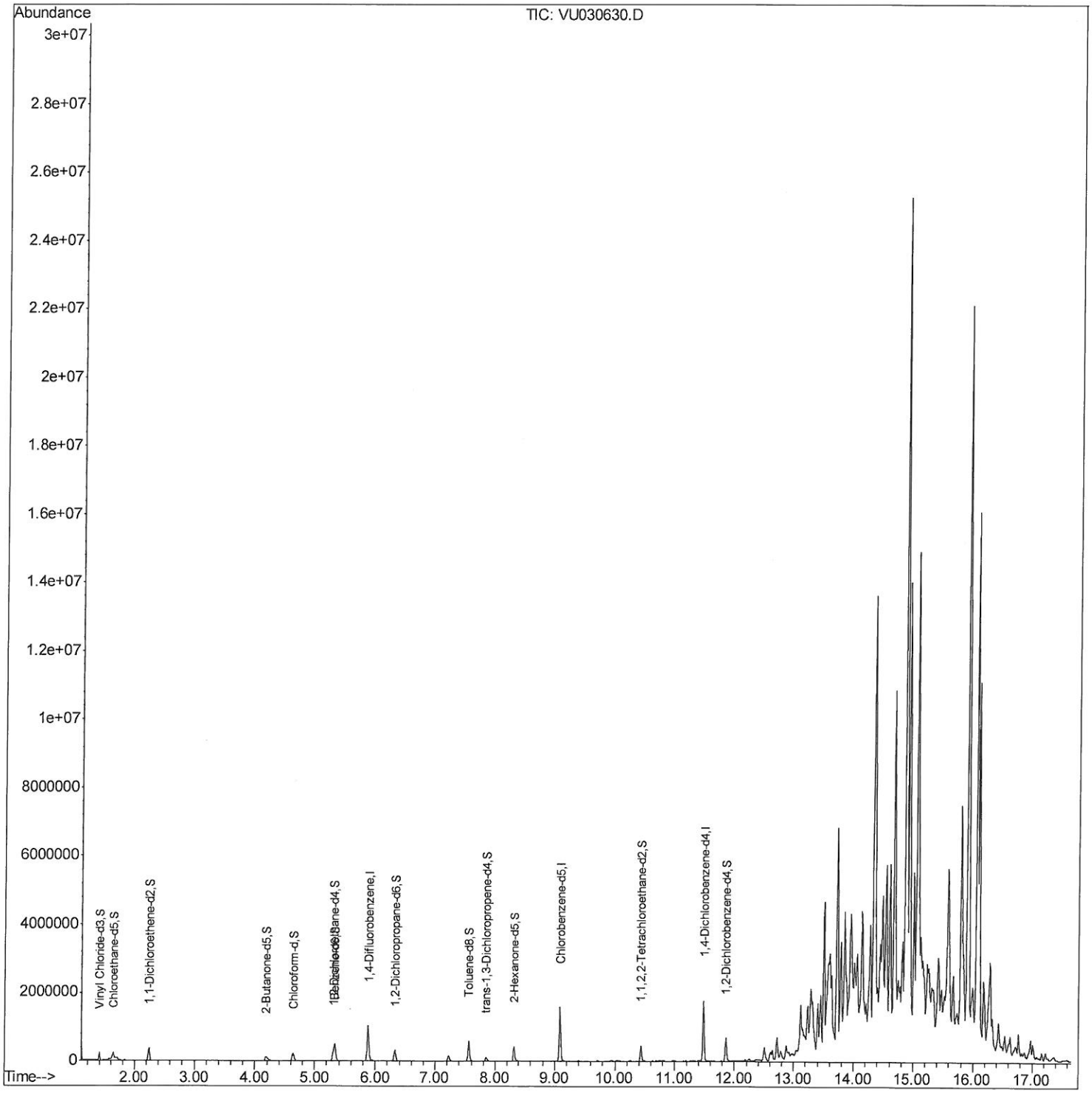
Quantitation Report (QT Reviewed)

Data File : VU030630.D
Acq On : 03 Apr 2019 16:24
Operator : JC/SP
Sample : K2119-19
Misc : 5.54g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 04 07:16:46 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

Instrument :
MSVOA_U
ClientSampleId :
BF5B6RE

Manual Integrations APPROVED
MMDadoda
4/4/2019 11:54:35 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\

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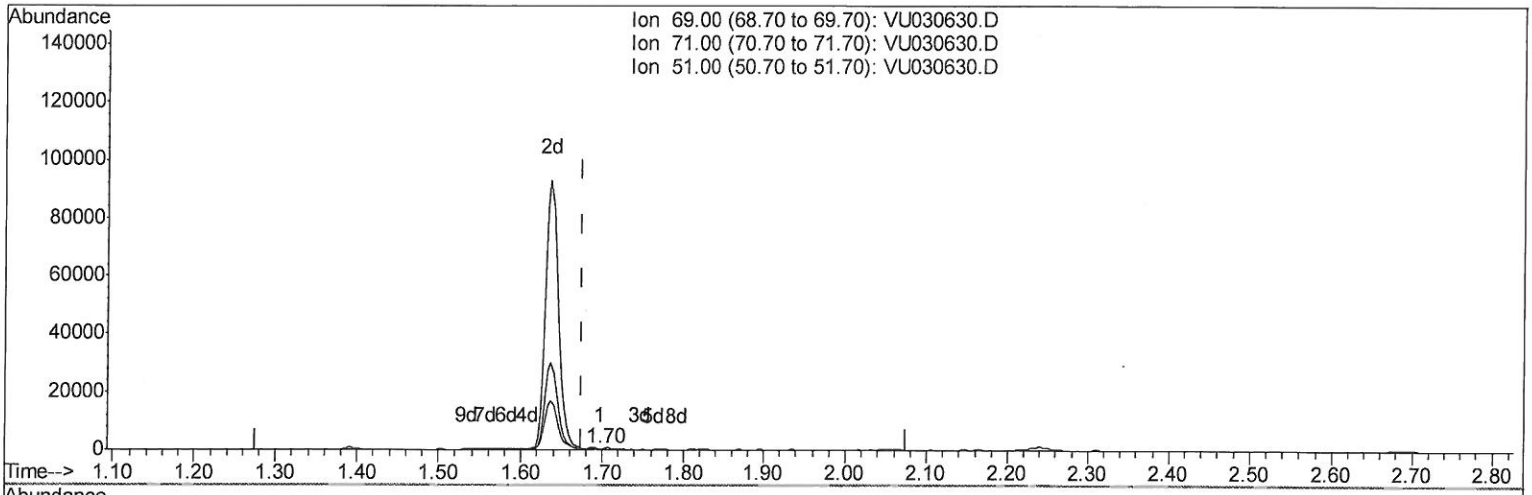

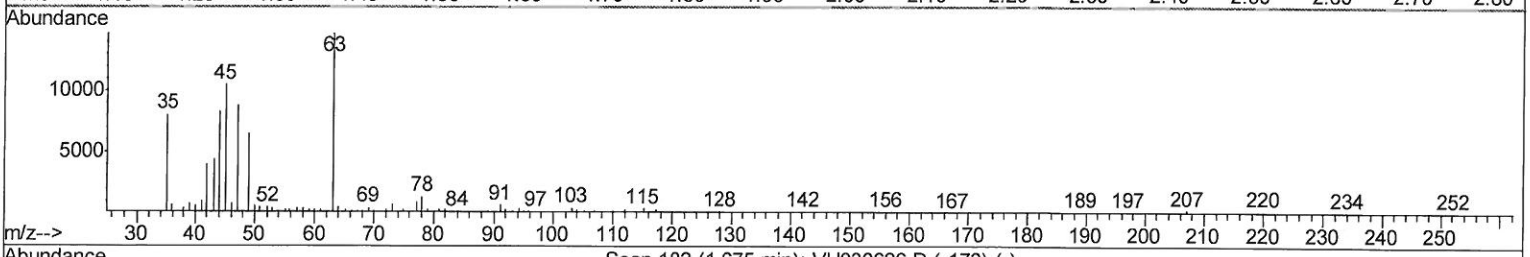

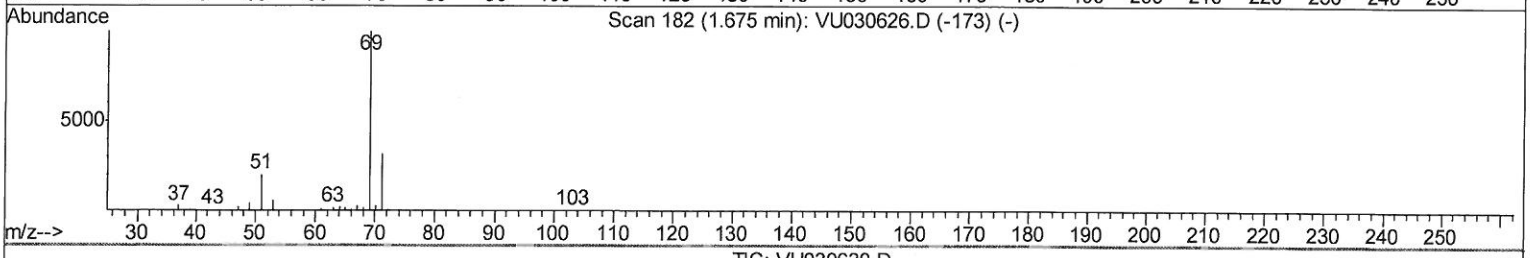

TIC: VU030630.D

(7) Chloroethane-d5 (S)

1.698min (+0.022) 0.03ug/L

response 152

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	98.03#
51.00	28.60	391.45#
0.00	0.00	0.00

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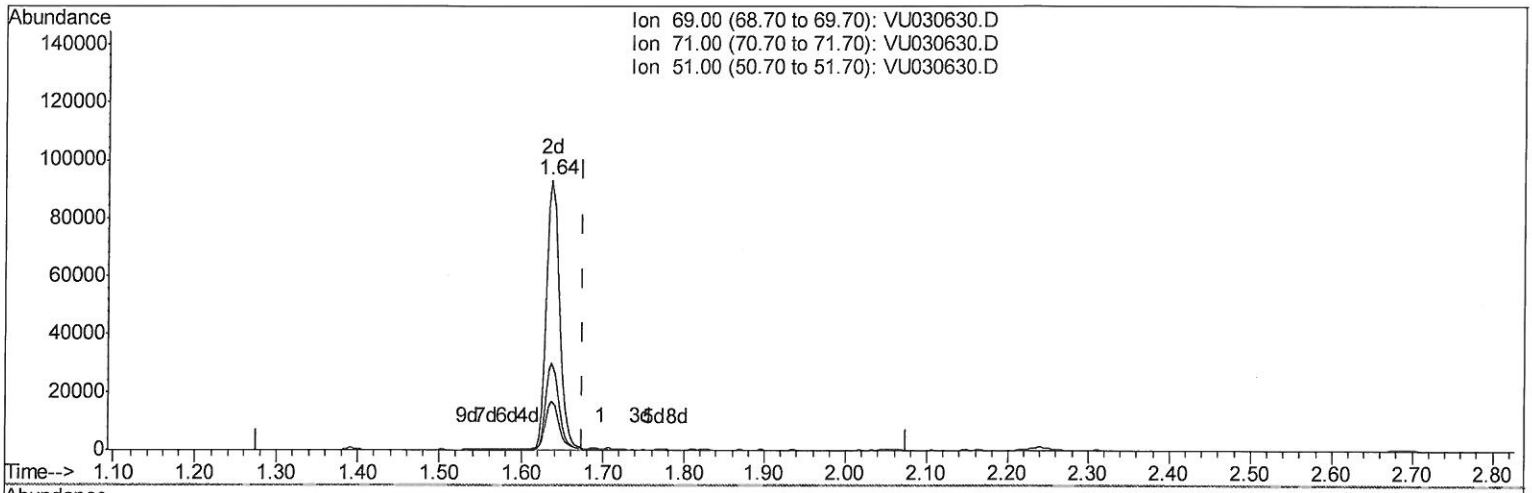
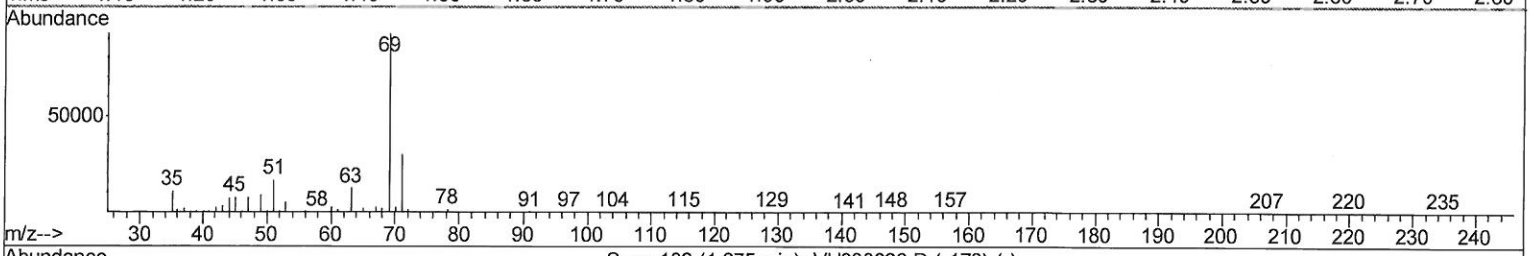
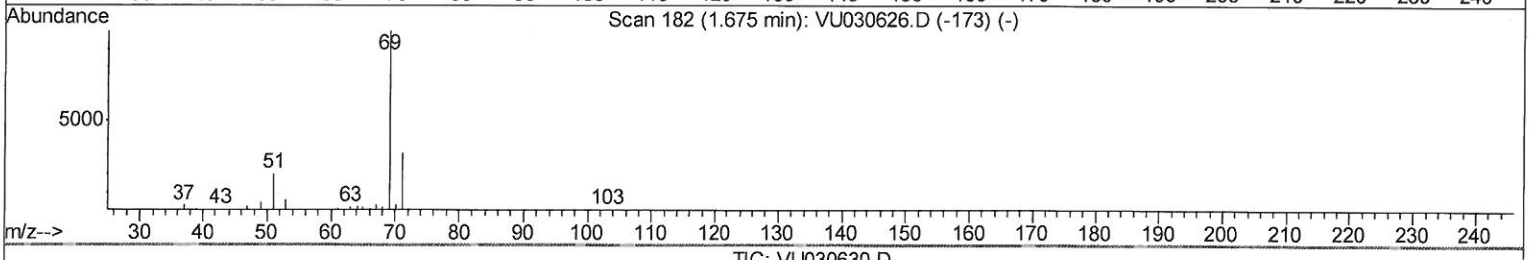
MMDadoda
4/4/2019 11:54:35 AM







TIC: VU030630.D

(7) Chloroethane-d5 (S)

1.637min (-0.039) 18.41ug/L m

response 102632

Ion	Exp%	Act%
69.00	100	100
71.00	31.70	0.15#
51.00	28.60	0.58#
0.00	0.00	0.00

MD 4/6/19

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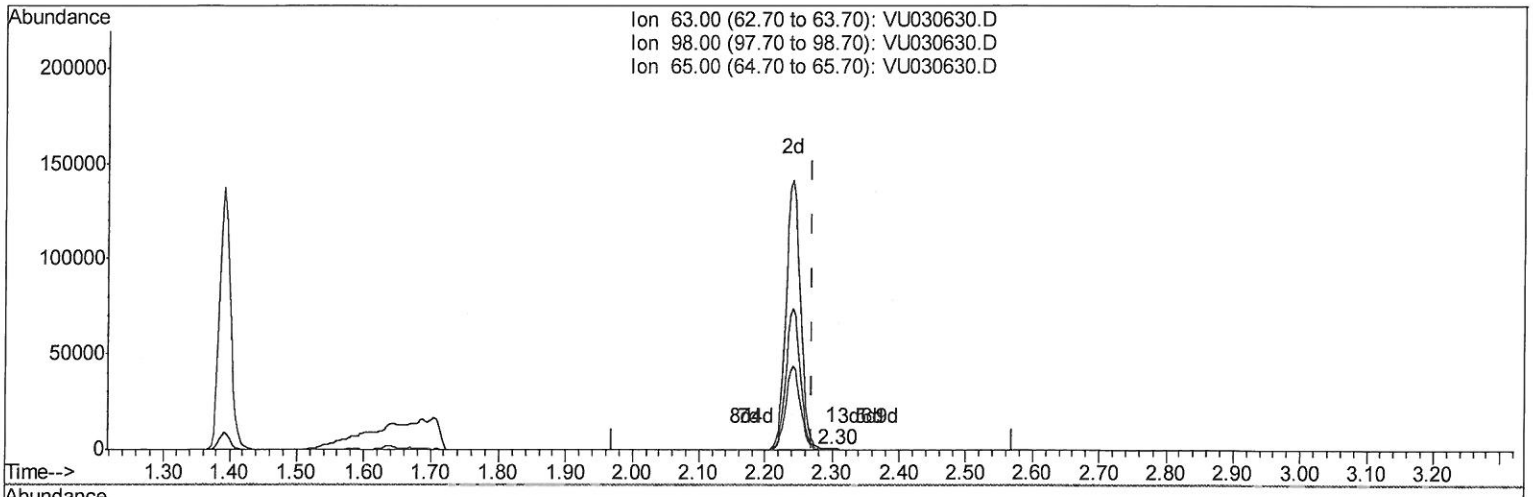

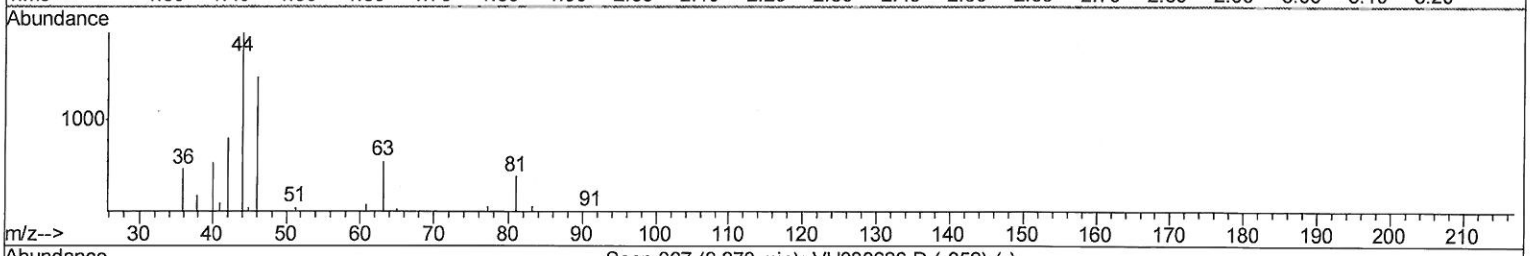

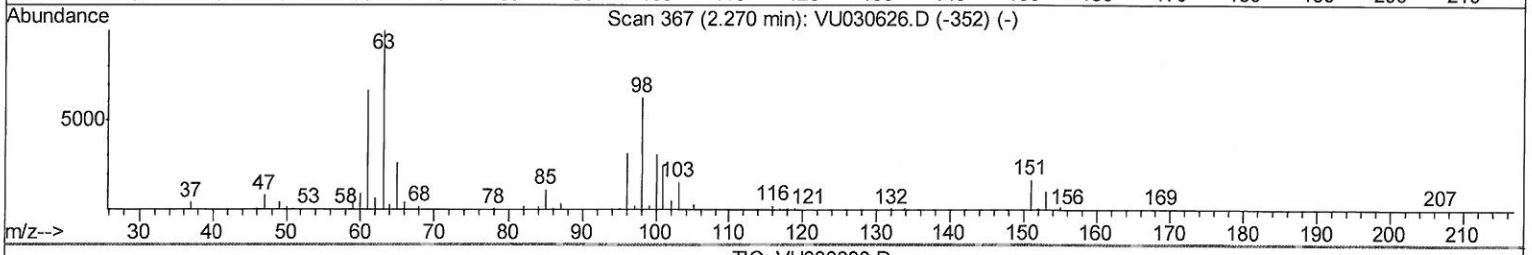

TIC: VU030630.D

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

2.299min (+0.029) 0.04ug/L

response 582

Ion	Exp%	Act%
63.00	100	100
98.00	68.80	0.00#
65.00	23.30	0.00#
0.00	0.00	0.00

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MSVOA_U
ClientSampleId :
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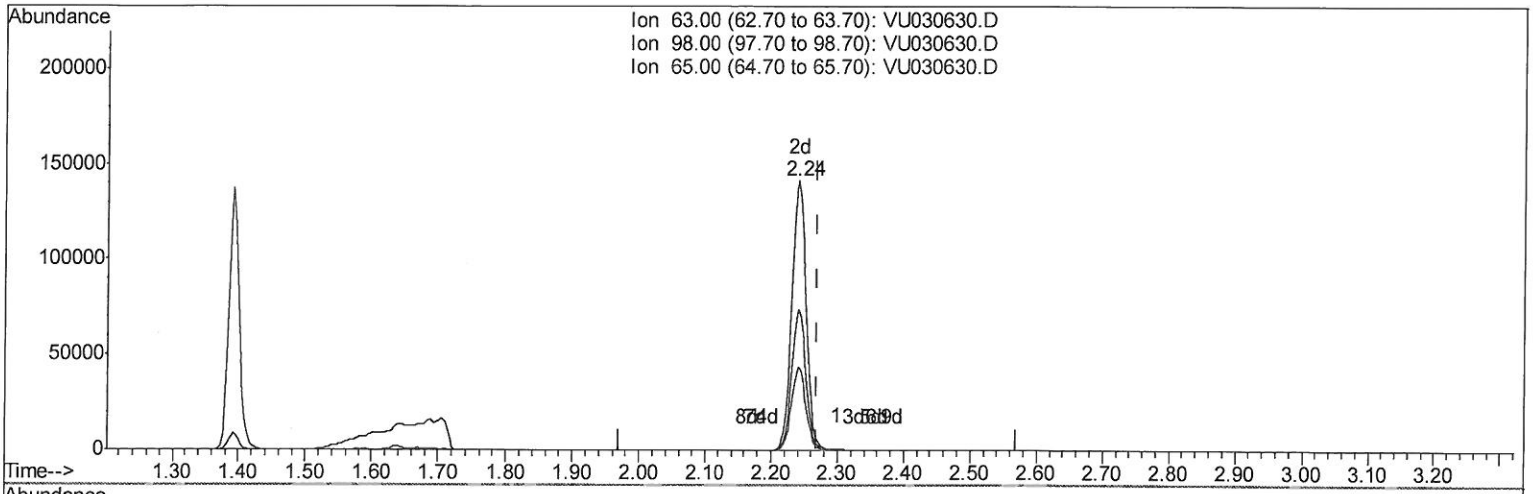
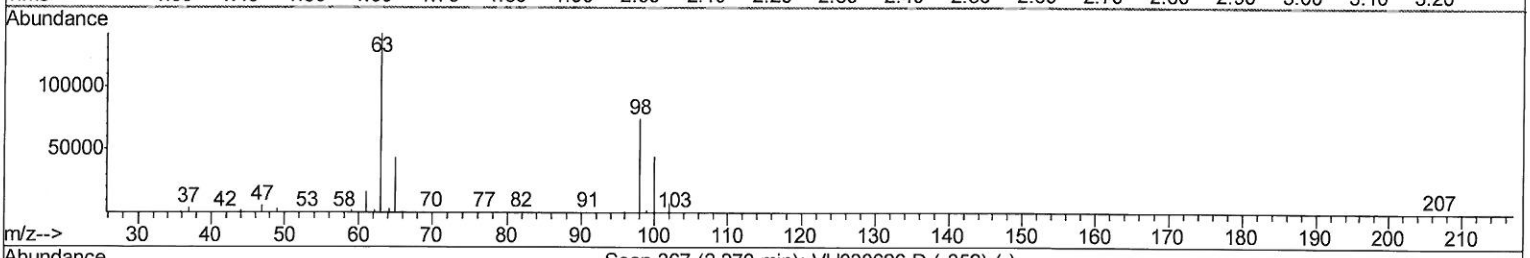
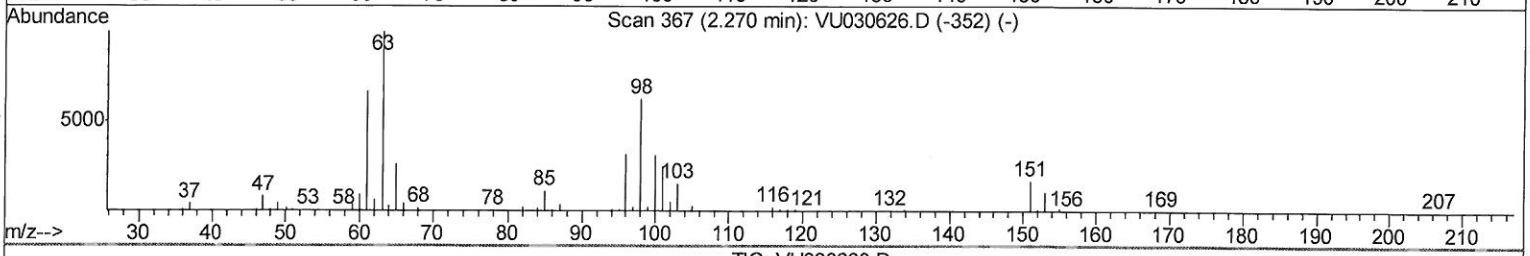
Manual Integrations APPROVED
MMDadoda
4/4/2019 11:54:35 AM







TIC: VU030630.D

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

2.241min (-0.029) 15.94ug/L m

response 212601

Ion	Exp%	Act%
63.00	100	100
98.00	68.80	0.00#
65.00	23.30	0.00#
0.00	0.00	0.00

> MD 4/6/19

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Instrument : MSVOA_U
ClientSampleId : BF5B6RE

Manual Integrations APPROVED
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4/4/2019 11:54:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	873836	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	862124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	435102	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	150323	21.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 42.76%#			
7) Chloroethane-d5	1.64	69	102632m	18.41	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 36.82%#			
11) 1,1-Dichloroethene-d2	2.24	63	212601m	15.94	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 31.88%#			
21) 2-Butanone-d5	4.19	46	235586	35.64	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 35.64%#			
24) Chloroform-d	4.64	84	230124	18.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 37.98%#			
26) 1,2-Dichloroethane-d4	5.30	65	158346	19.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 39.94%#			
32) Benzene-d6	5.33	84	473207	19.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 38.28%#			
36) 1,2-Dichloropropane-d6	6.32	67	164755	19.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 38.96%#			
41) Toluene-d8	7.56	98	398257	17.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 35.88%#			
43) trans-1,3-Dichloropropene-	7.85	79	70413	17.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 35.40%#			
47) 2-Hexanone-d5	8.32	63	151910	33.14	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 33.14%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	233018	19.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 38.50%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	161536	18.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 37.06%#			

Target Compounds Qvalue

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

MD 4/6/19