

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\

Quantitation Report (QT/LSC Reviewed)

Data File : VU030149.D

Acq On : 16 Mar 2019 16:55

Operator : JC/SP

Sample : K1939-18

Misc : 5.23g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 18 05:45:21 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Mar 18 04:23:56 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

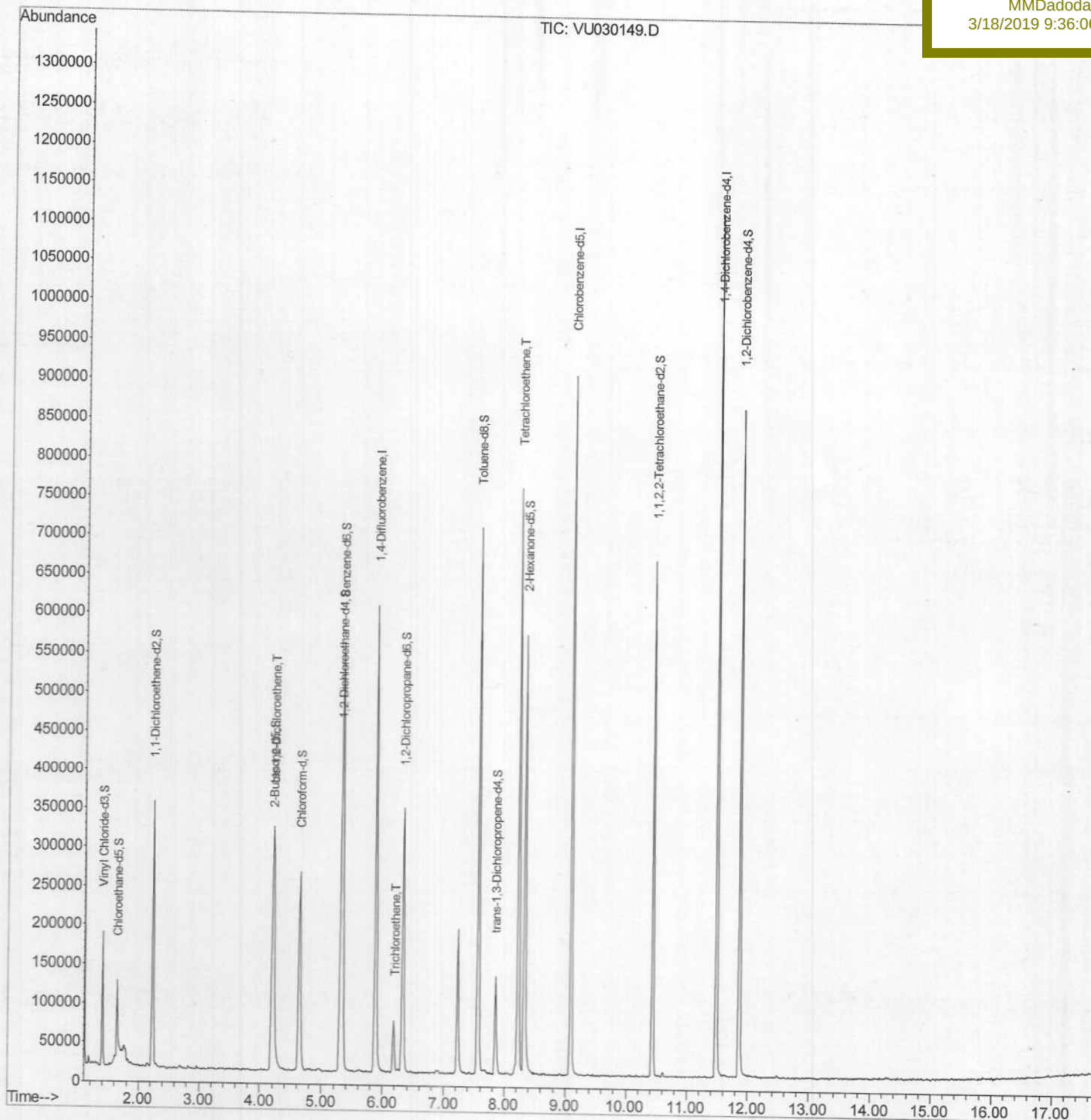
BF0Y1

Manual Integrations

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3/18/2019 9:36:06 AM



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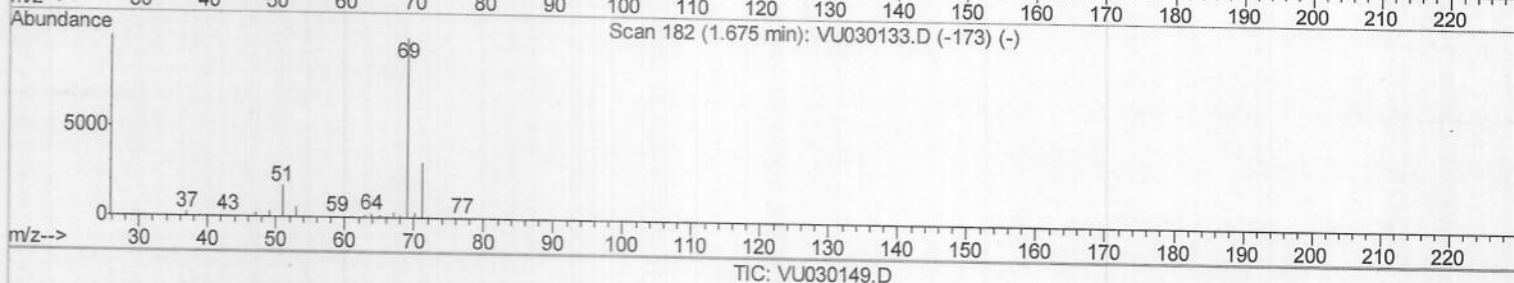
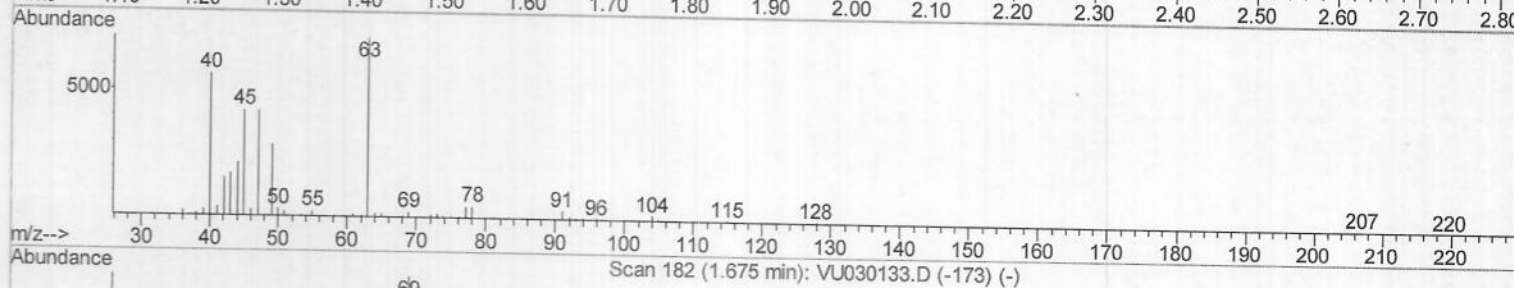
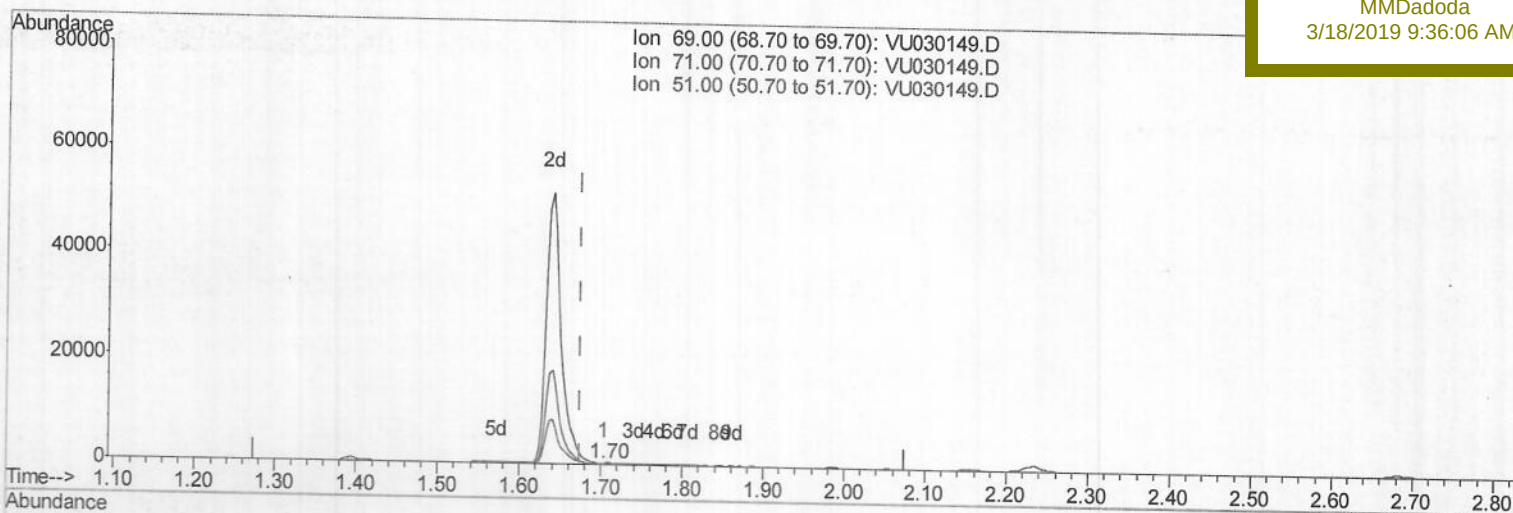
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(7) Chloroethane-d5 (S)

1.704min (+0.029) 0.12ug/L

response 362

Ion	Exp%	Act%
69.00	100	100
71.00	33.20	0.00#
51.00	23.60	61.33#
0.00	0.00	0.00

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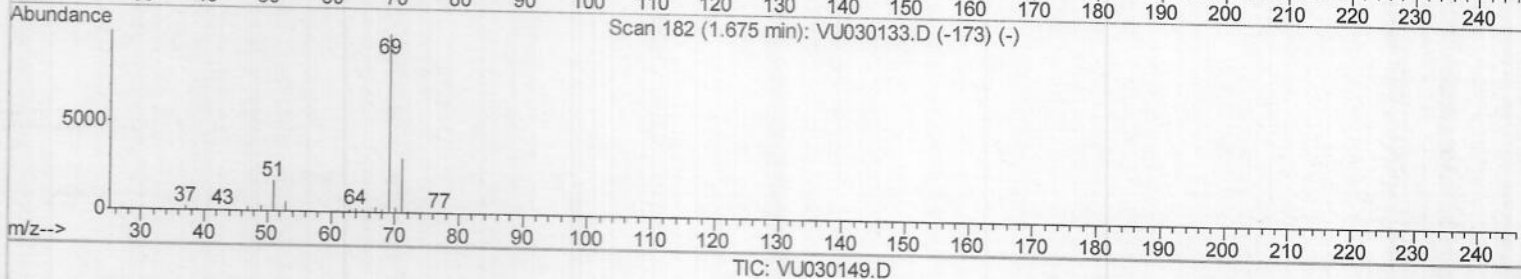
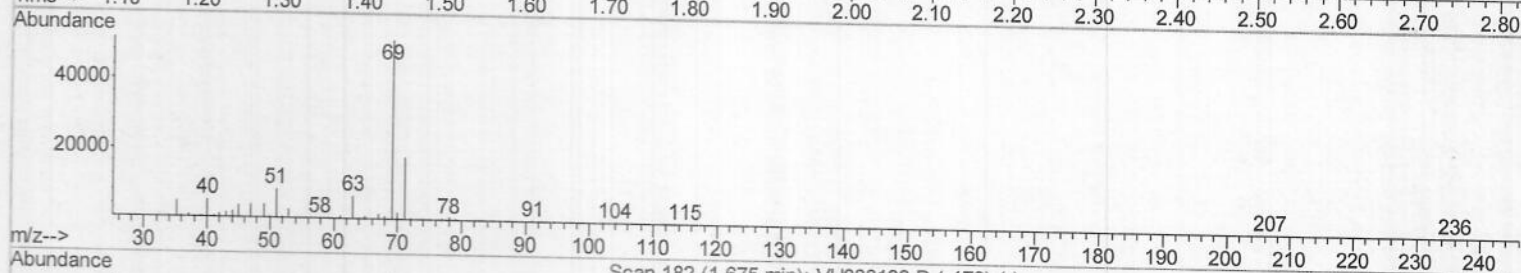
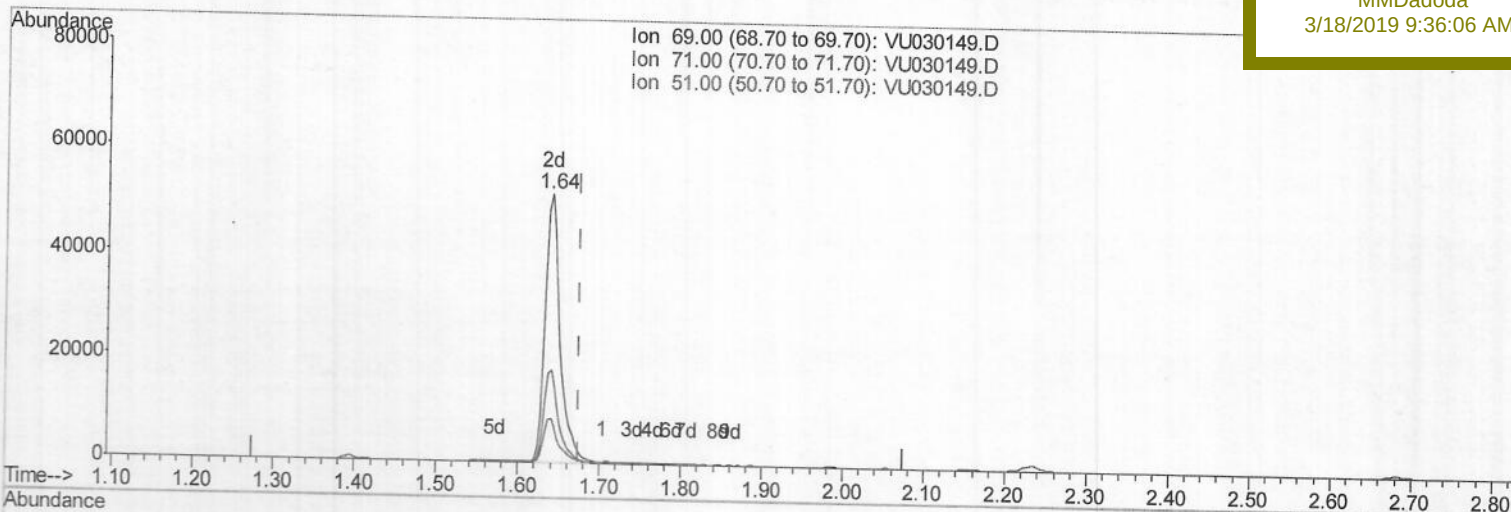
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TIC: VU030149.D

(7) Chloroethane-d5 (S)

1.640min (-0.035) 21.30ug/L m

response 64966

Ion	Exp%	Act%
69.00	100	100
71.00	33.20	0.00#
51.00	23.60	0.34#
0.00	0.00	0.00

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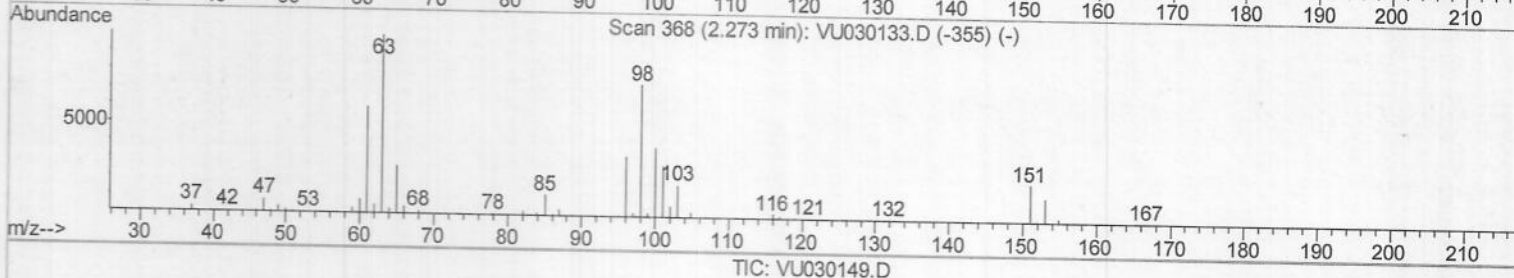
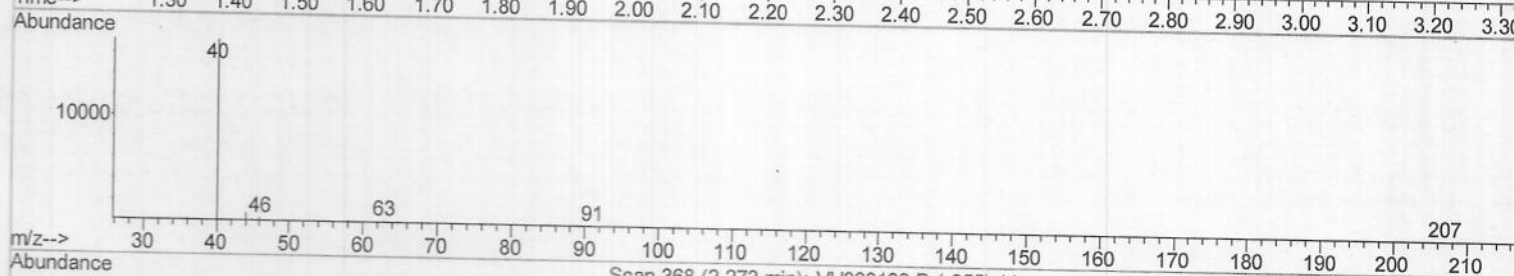
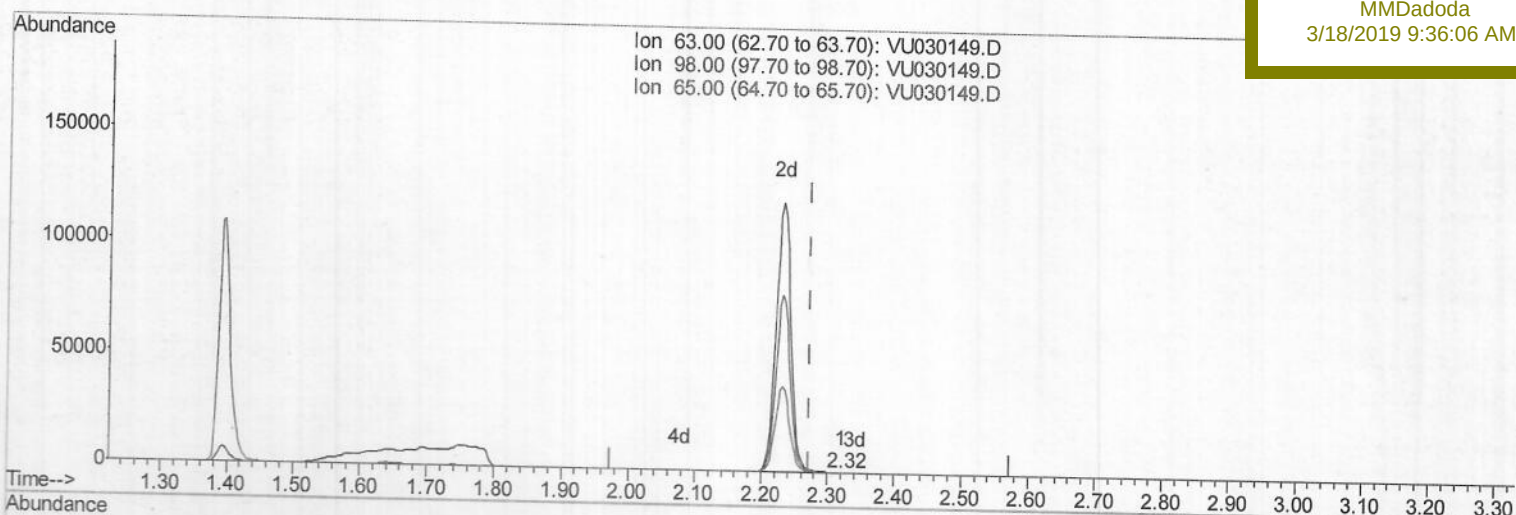
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(11) 1,1-Dichloroethene-d2 (S)

2.321min (+0.048) 0.02ug/L

response 156

Ion	Exp%	Act%
63.00	100	100
98.00	82.00	0.00#
65.00	24.30	57.05#
0.00	0.00	0.00

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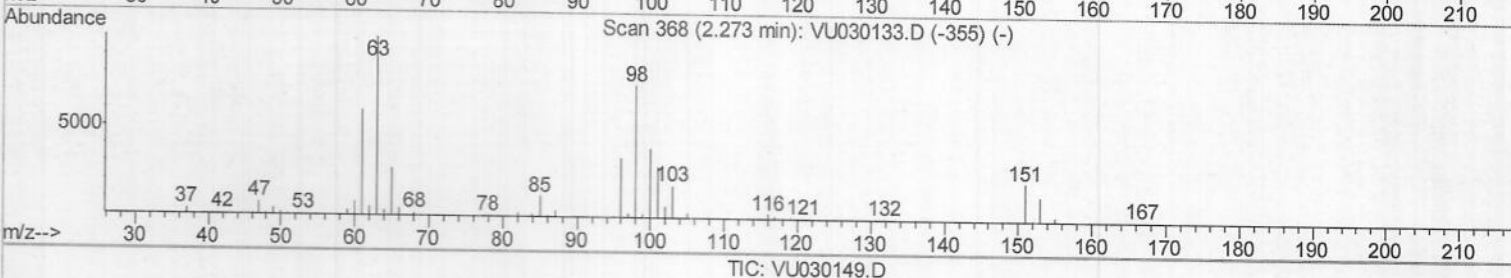
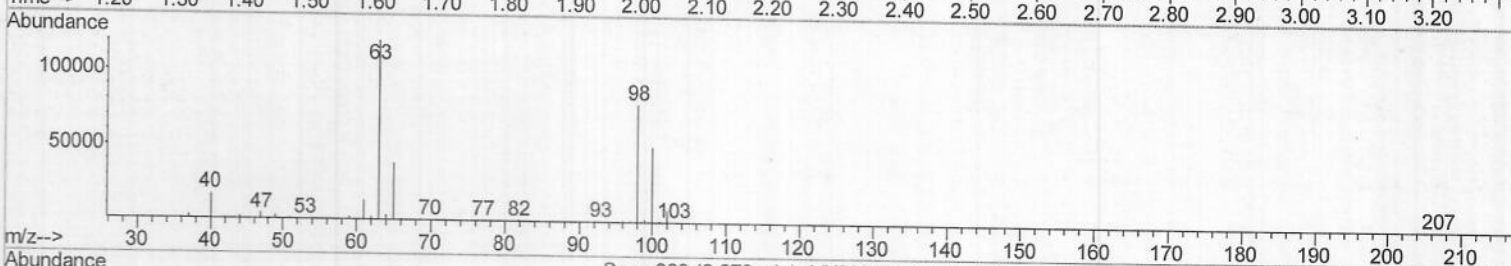
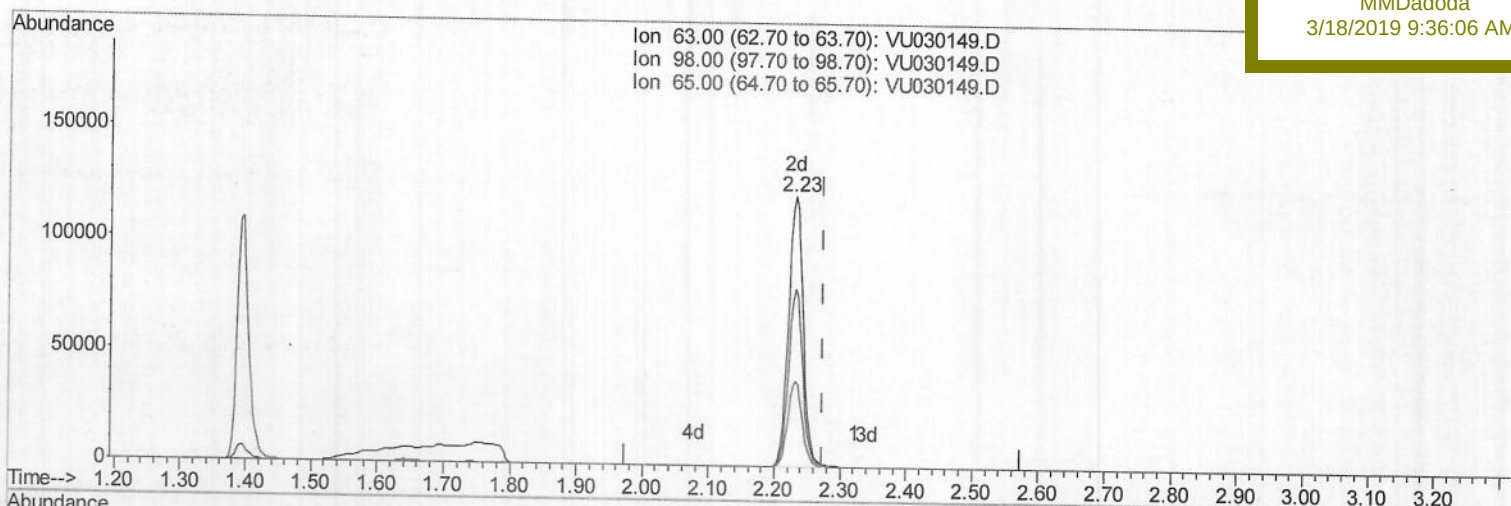
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TIC: VU030149.D

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

2.231min (-0.042) 27.51ug/L m

response 187616

Ion Exp% Act%

63.00 100 100

98.00 82.00 0.00#

65.00 24.30 0.05#

0.00 0.00 0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	571193	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	309797	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	131388	34.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.56%		
7) Chloroethane-d5	1.64	69	64966m	21.30	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	42.60%#		
11) 1,1-Dichloroethene-d2	2.23	63	187616m	27.51	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.02%#		
21) 2-Butanone-d5	4.19	46	257362	90.92	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.92%		
24) Chloroform-d	4.64	84	270979	39.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.96%		
26) 1,2-Dichloroethane-d4	5.30	65	166185	42.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.88%		
32) Benzene-d6	5.33	84	573114	38.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.62%		
36) 1,2-Dichloropropane-d6	6.32	67	186165	40.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.32%		
41) Toluene-d8	7.56	98	515744	36.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.64%#		
43) trans-1,3-Dichloropropene-	7.85	79	85324	38.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.94%		
47) 2-Hexanone-d5	8.32	63	239317	93.42	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.42%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	333376	47.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.78%		
64) 1,2-Dichlorobenzene-d4	11.86	152	250718	41.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.56%		

Target Compounds

						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	142957	32.209	ug/L	94
34) Trichloroethene	6.18	95	23508	5.394	ug/L	95
46) Tetrachloroethene	8.22	164	185069	48.522	ug/L	99

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

M.D
03/20/19