

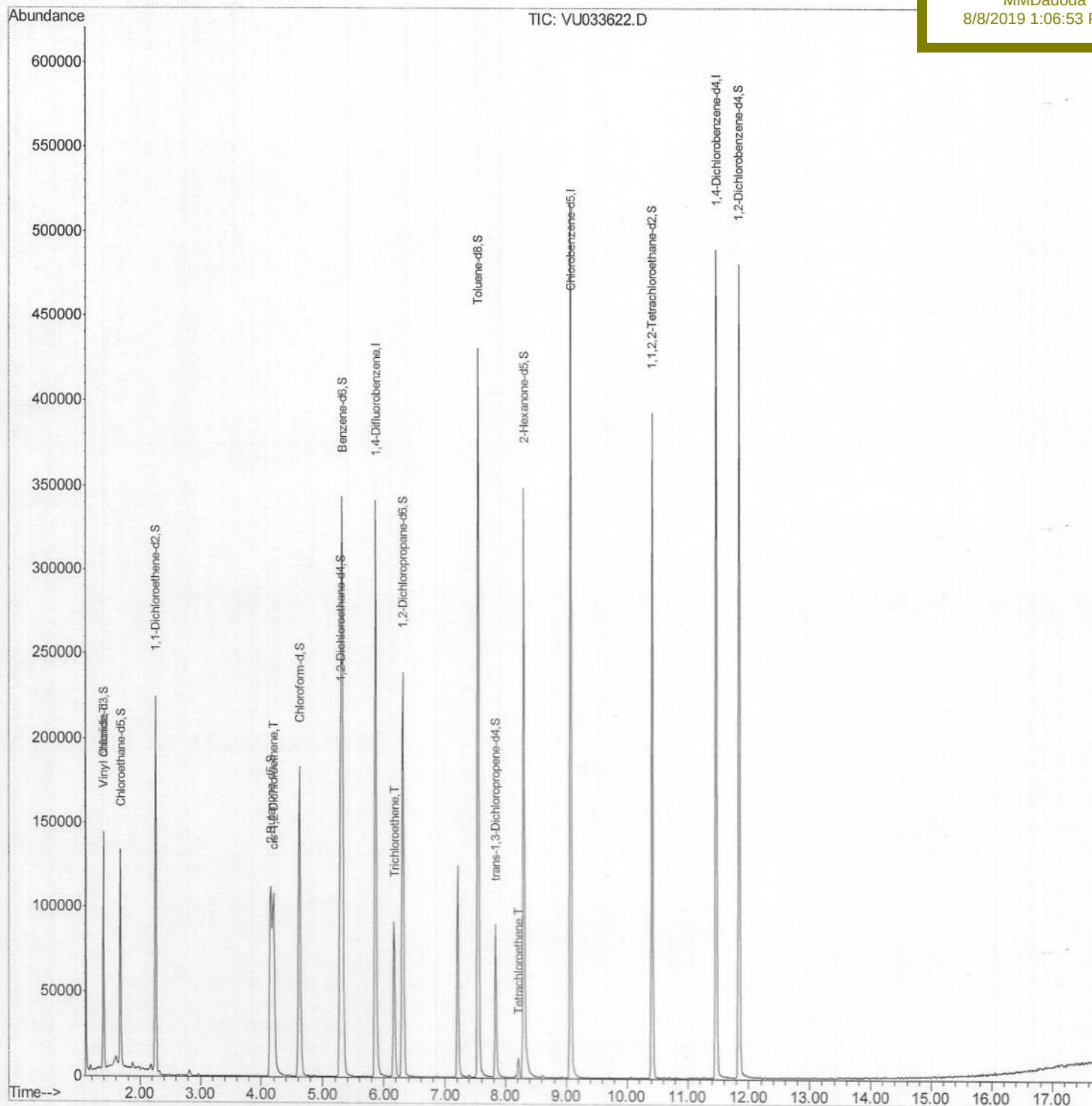
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080719\
Data File : VU033622.D
Acq On : 07 Aug 2019 17:17
Operator : JC/SP
Sample : K4202-06DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 04:06:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 03:14:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
F2B23DL

Manual Integrations
APPROVED

MMDadoda
8/8/2019 1:06:53 PM



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Sample : K4202-06DL 20X

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Quant Time: Aug 08 03:18:13 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M

Quant Title : VOC Analysis

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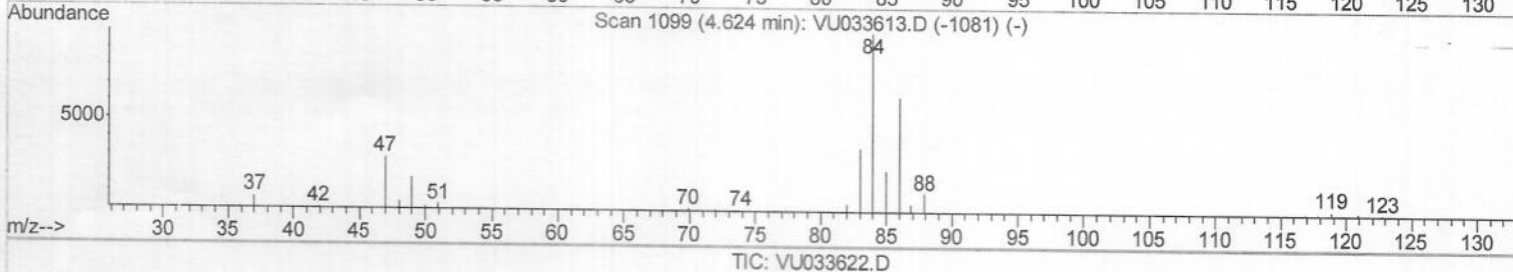
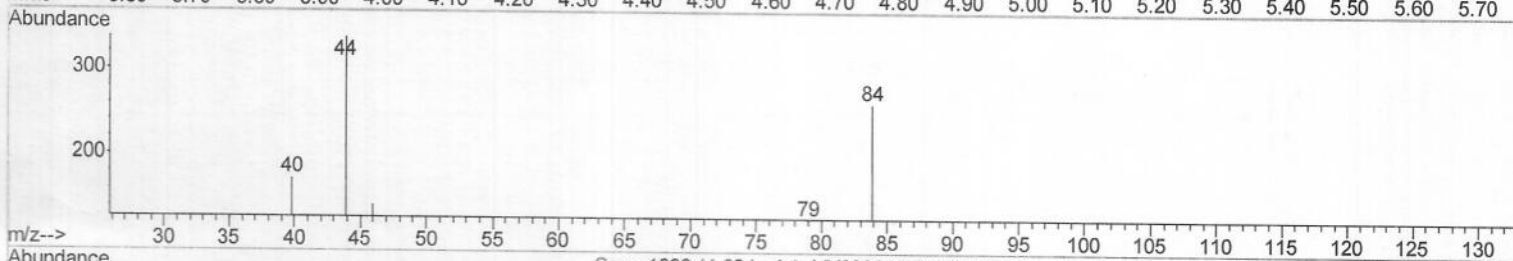
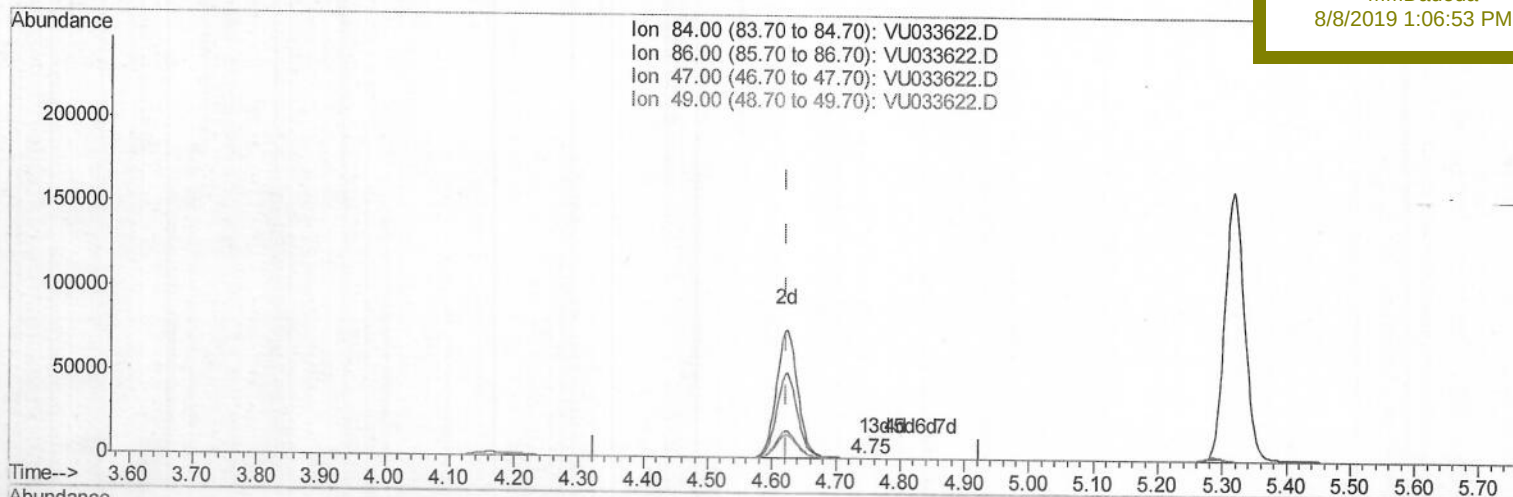
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(24) Chloroform-d (S)

4.746min (+0.122) 0.06ug/L

response 202

Ion	Exp%	Act%
84.00	100	100
86.00	62.10	65.35
47.00	45.60	39.11
49.00	26.50	33.17

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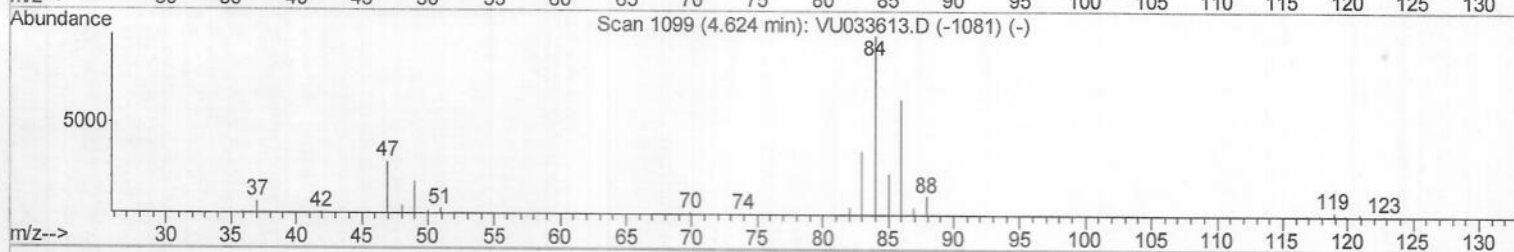
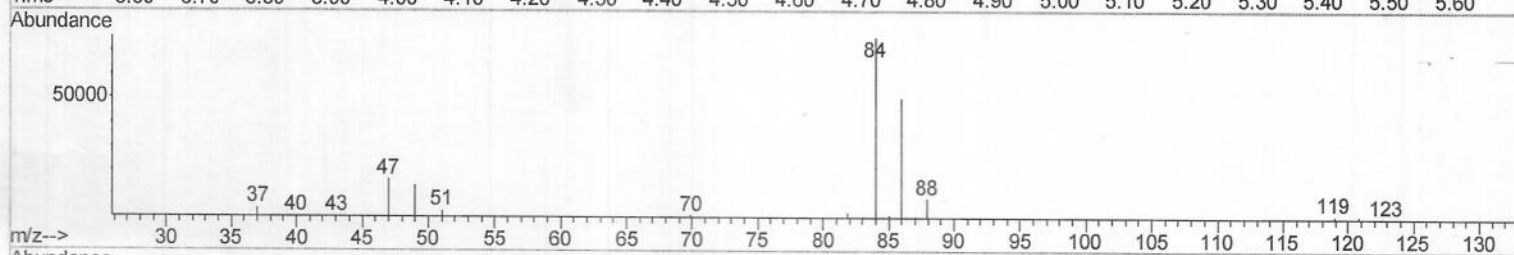
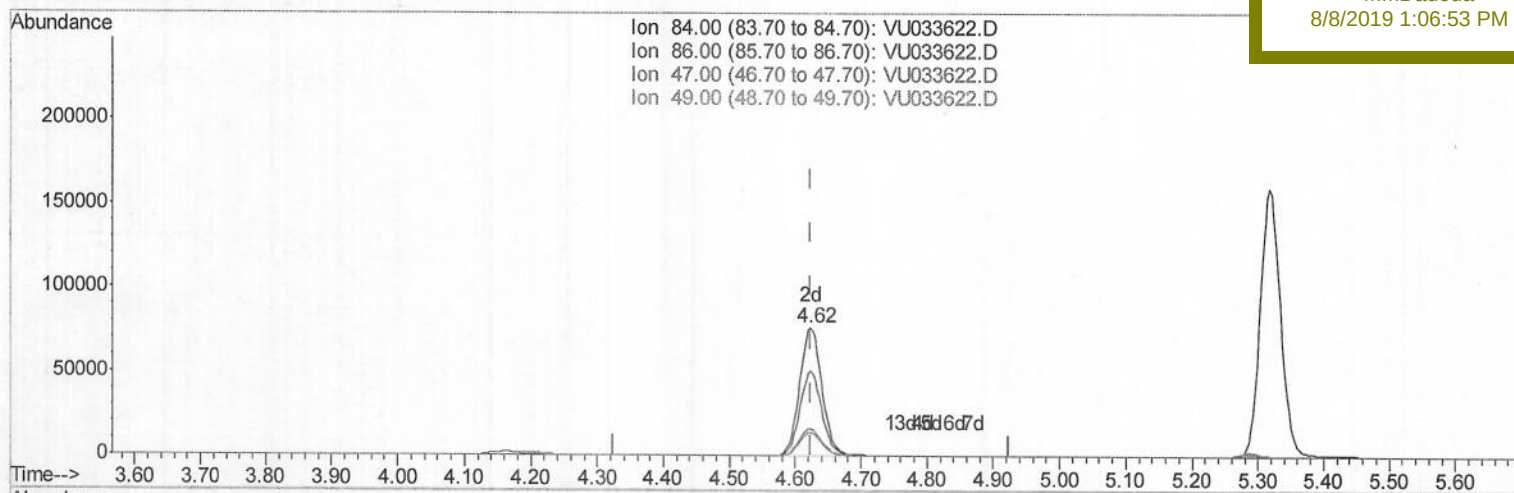
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

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Manual Integrations
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8/8/2019 1:06:53 PM

TIC: VU033622.D

(24) Chloroform-d (S)

4.624min (-0.000) 51.40ug/L m

response 179085

Ion	Exp%	Act%
84.00	100	100
86.00	62.10	0.07#
47.00	45.60	0.04#
49.00	26.50	0.04#

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08/12/19

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Instrument :
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 ClientSampleId :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.86	114	286385	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	288727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	129729	50.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) Vinyl Chloride-d3	1.39	65	93703	51.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	102.40%		
7) Chloroethane-d5	1.67	69	86245	42.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.56%		
11) 1,1-Dichloroethene-d2	2.26	63	124755	35.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.40%		
21) 2-Butanone-d5	4.15	46	181081	122.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	122.13%		
24) Chloroform-d	4.62	84	179085m	51.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.80%		
26) 1,2-Dichloroethane-d4	5.29	65	122278	55.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.30%		
32) Benzene-d6	5.32	84	342230	48.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.94%		
36) 1,2-Dichloropropane-d6	6.31	67	118339	52.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.74%		
41) Toluene-d8	7.55	98	293709	44.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.40%		
43) trans-1,3-Dichloropropene-	7.83	79	53353	47.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.94%		
47) 2-Hexanone-d5	8.30	63	120137	108.70	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.70%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190518	55.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	110.18%		
64) 1,2-Dichlorobenzene-d4	11.85	152	131023	56.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.48%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.40	62	5177	1.783	ug/L	# 62
20) cis-1,2-Dichloroethene	4.20	96	52319	23.770	ug/L	96
34) Trichloroethene	6.17	95	32268	14.576	ug/L	98
46) Tetrachloroethene	8.21	164	2940	1.619	ug/L	91

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

M. O
 08/12/19