

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\

Data File : VU030760.D

Acq On : 05 Apr 2019 22:45

Operator : JC/SP

Sample : K2303-21

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 06 10:23:34 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Sat Apr 06 02:16:29 2019

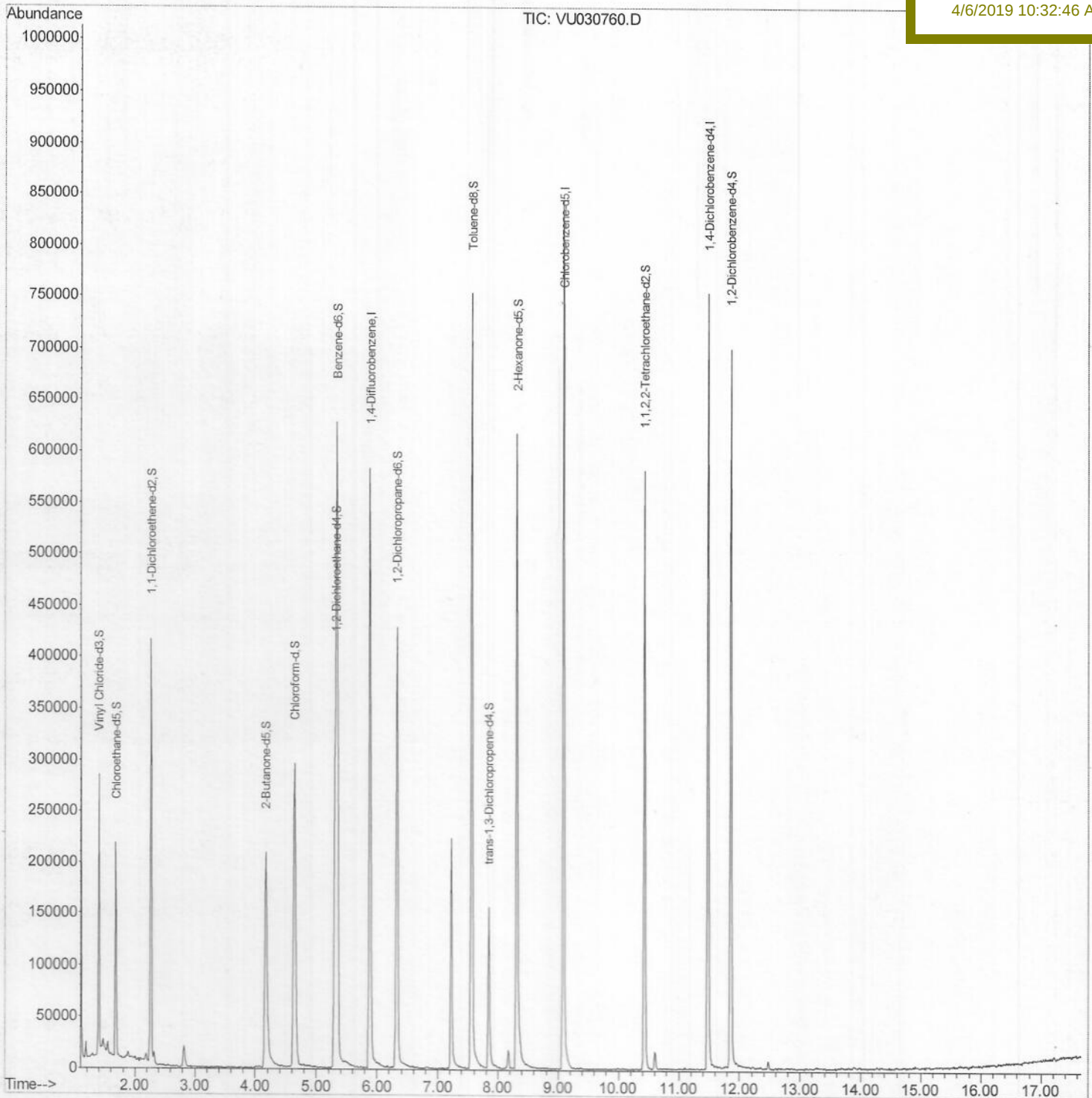
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

BF8C0

Manual Integrations
APPROVEDMMDadoda
4/6/2019 10:32:46 AM

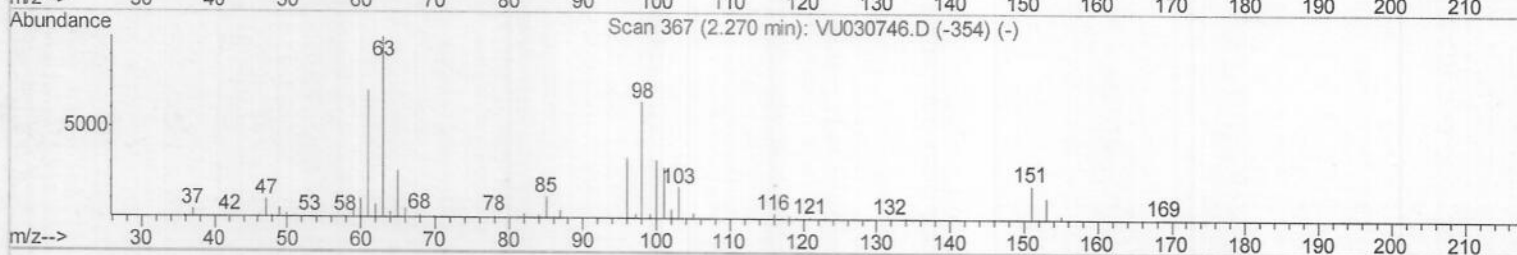
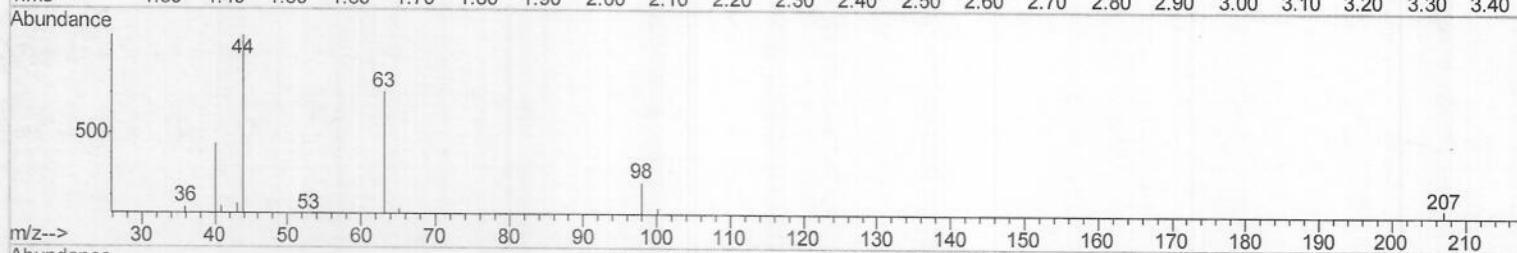
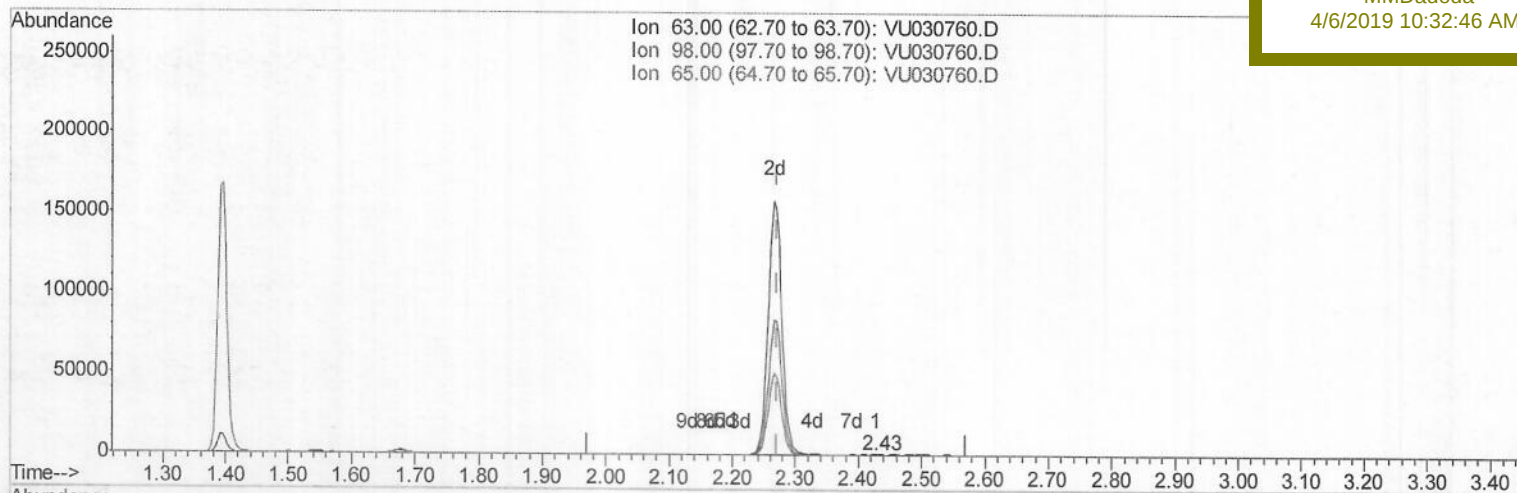
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Quant Time: Apr 06 02:22:43 2019
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Quant Title : VOC Analysis
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Manual Integrations
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4/6/2019 10:32:46 AM



TIC: VU030760.D

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

2.428min (+0.157) 0.05ug/L

response 383

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	86.16
65.00	24.00	29.24
0.00	0.00	0.00

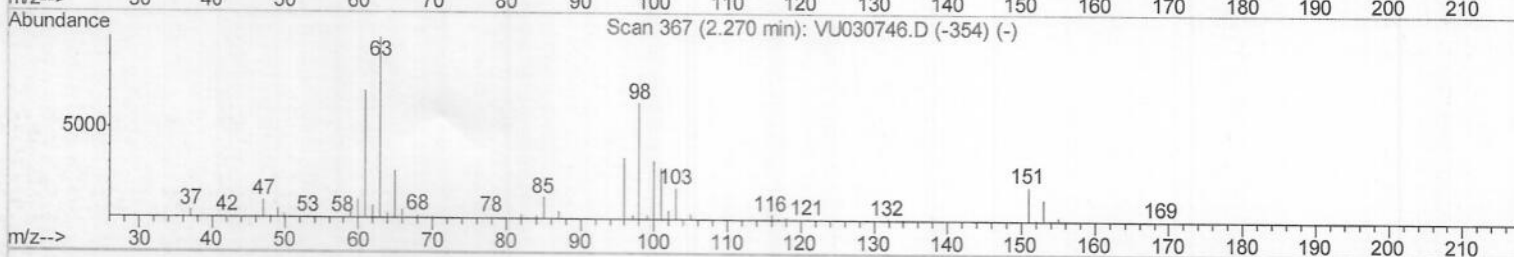
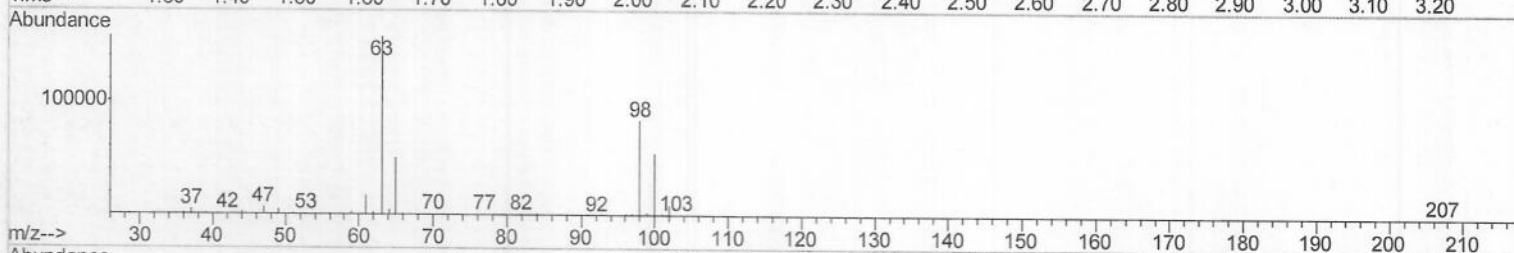
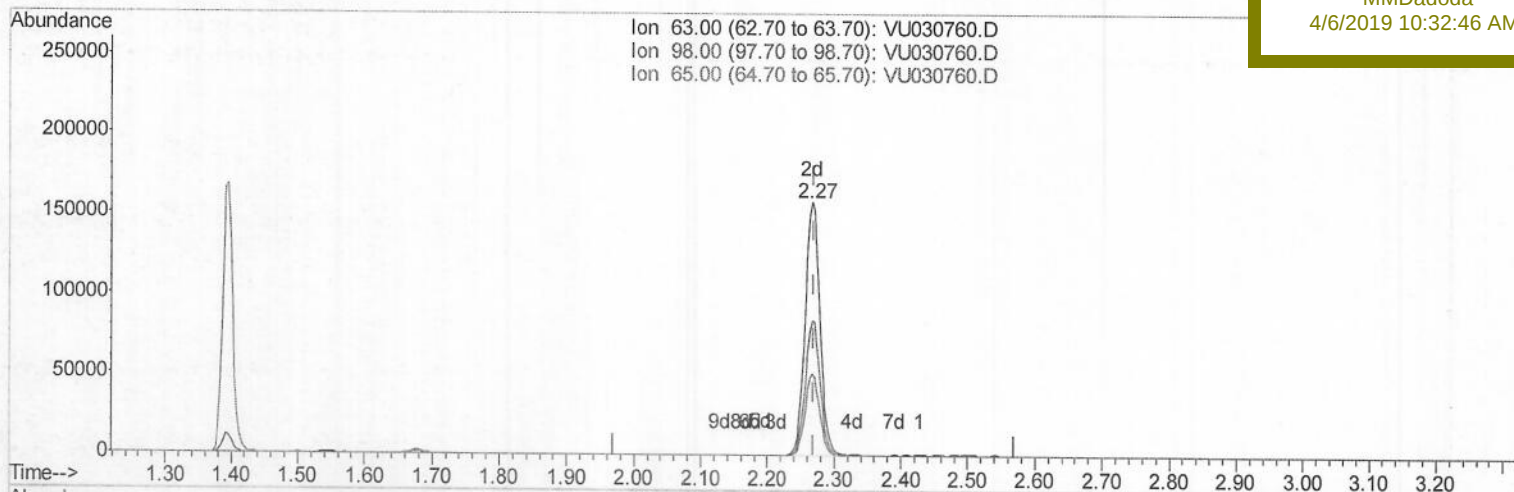
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MSVOA_U
ClientSampleId :
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Manual Integrations
APPROVED

MMDadoda
4/6/2019 10:32:46 AM



TIC: VU030760.D

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

2.267min (-0.003) 32.07ug/L m

response 243444

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	0.14#
65.00	24.00	0.05#
0.00	0.00	0.00

M.D
4/23/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030760.D
 Acq On : 05 Apr 2019 22:45
 Operator : JC/SP
 Sample : K2303-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 BF8C0

Quant Time: Apr 06 10:23:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:16:29 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 10:32:46 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	470201	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192263	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	176578	42.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.14%		
7) Chloroethane-d5	1.68	69	145503	45.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.34%		
11) 1,1-Dichloroethene-d2	2.27	63	243444m	32.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.14%		
21) 2-Butanone-d5	4.17	46	359587	108.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.09%		
24) Chloroform-d	4.64	84	285688	44.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.12%		
26) 1,2-Dichloroethane-d4	5.31	65	217015	49.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.20%		
32) Benzene-d6	5.33	84	607870	45.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.08%		
36) 1,2-Dichloropropane-d6	6.32	67	220231	48.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.30%		
41) Toluene-d8	7.56	98	511209	43.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.42%		
43) trans-1,3-Dichloropropene-	7.85	79	91798	44.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.02%		
47) 2-Hexanone-d5	8.31	63	211033	100.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.94%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302321	49.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.00%		
64) 1,2-Dichlorobenzene-d4	11.85	152	183220	48.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.92%		

M.D
 4/23/19

Target Compounds

Ovalue

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