

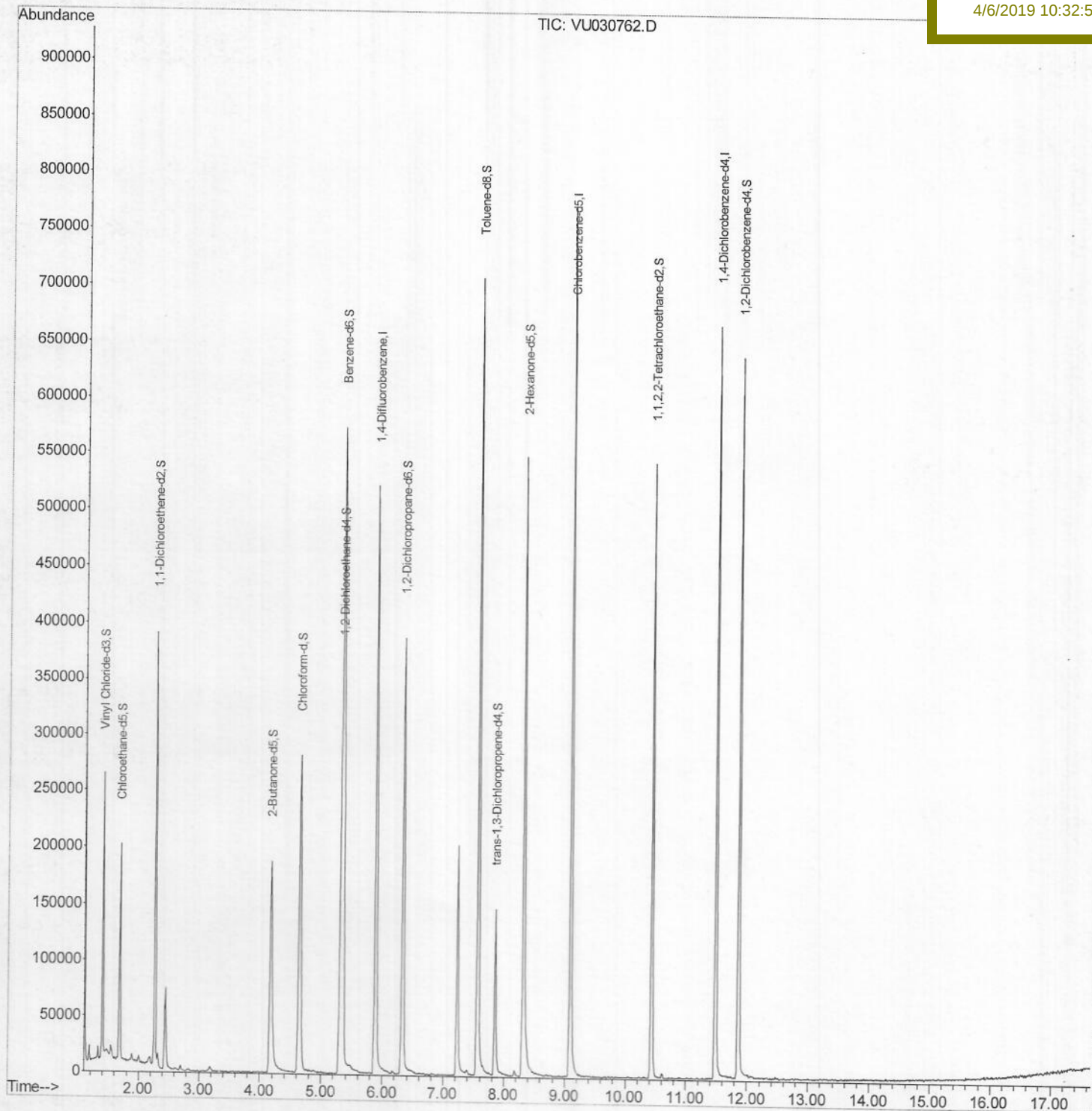
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030762.D
Acq On : 05 Apr 2019 23:31
Operator : JC/SP
Sample : K2277-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 06 10:24:39 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 :
BF2Q9

Manual Integrations
APPROVED

MMDadoda
4/6/2019 10:32:51 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\
Quantitation Report (Qedit)

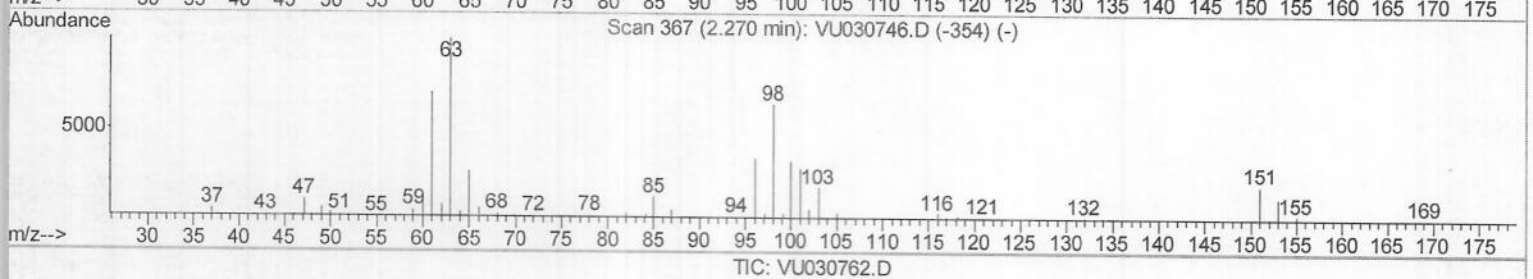
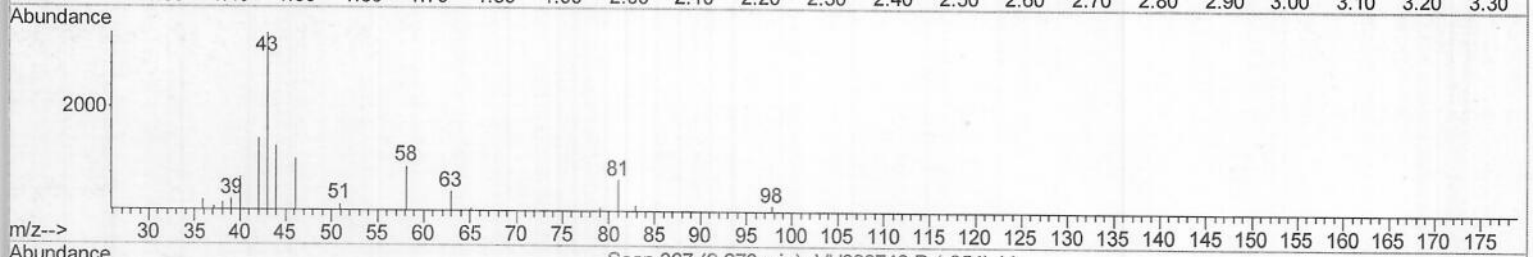
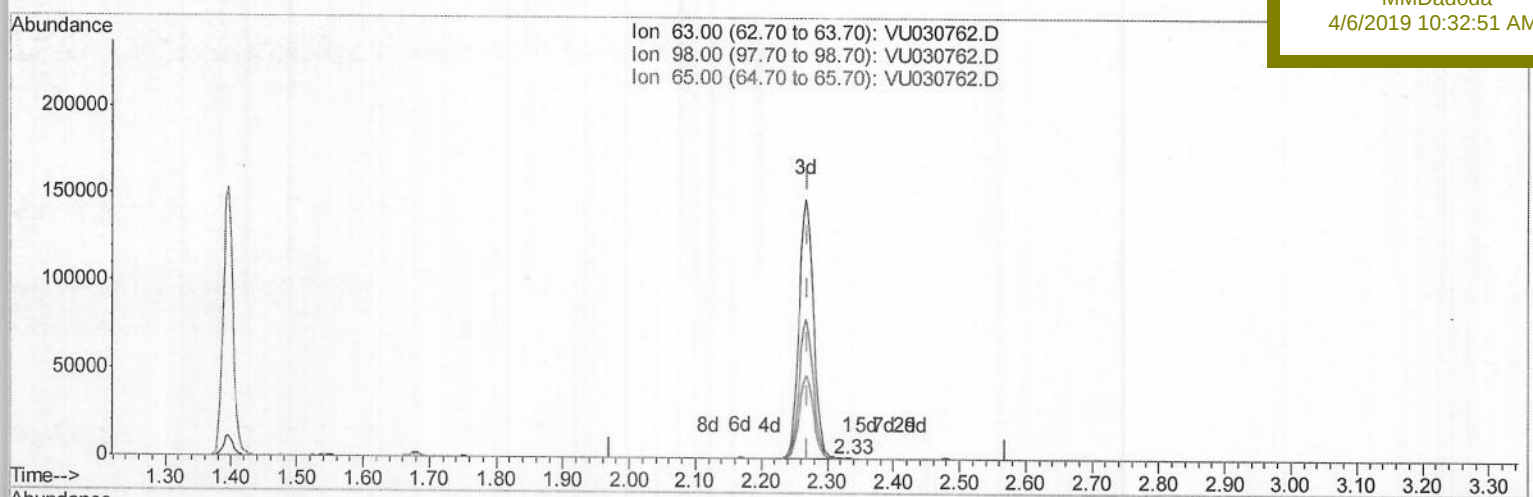
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Operator : JC/SP
Sample : K2277-15
Misc : 5.0mL/MSVOA_U/WATER
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Quant Time: Apr 06 02:23:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Instrument :
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Manual Integrations
APPROVED

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4/6/2019 10:32:51 AM



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

2.331min (+0.061) 0.04ug/L

response 288

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	57.29
65.00	24.00	28.82
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\
Quantitation Report (Qedit)

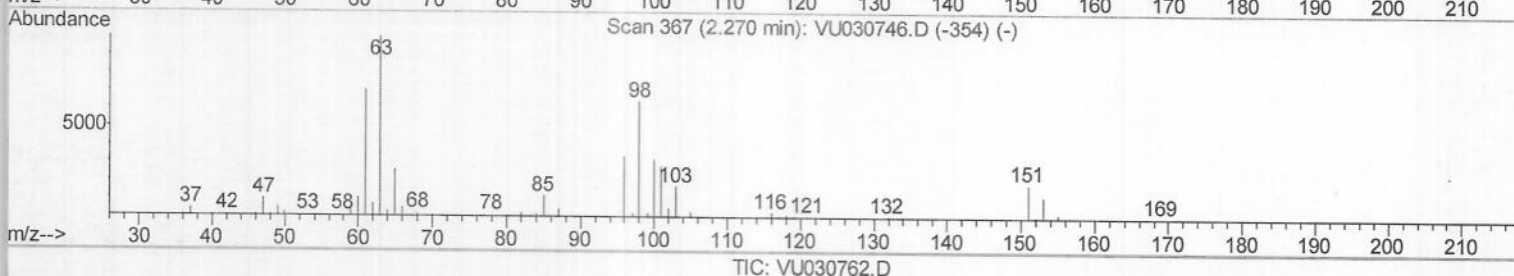
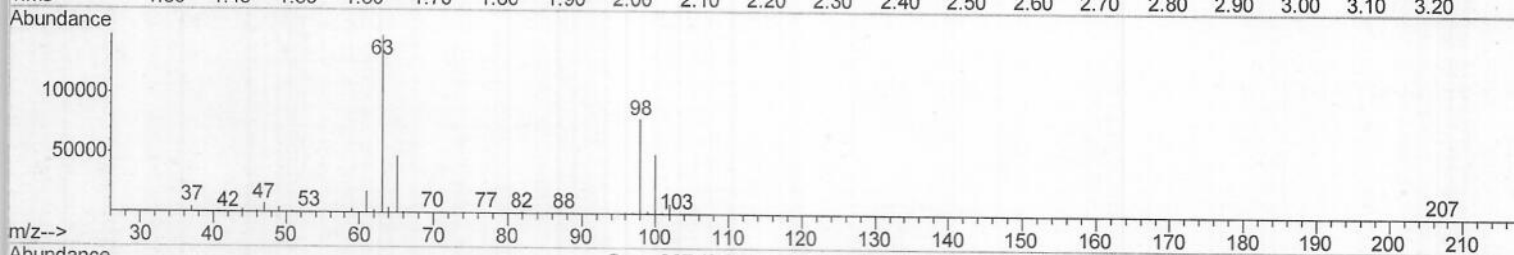
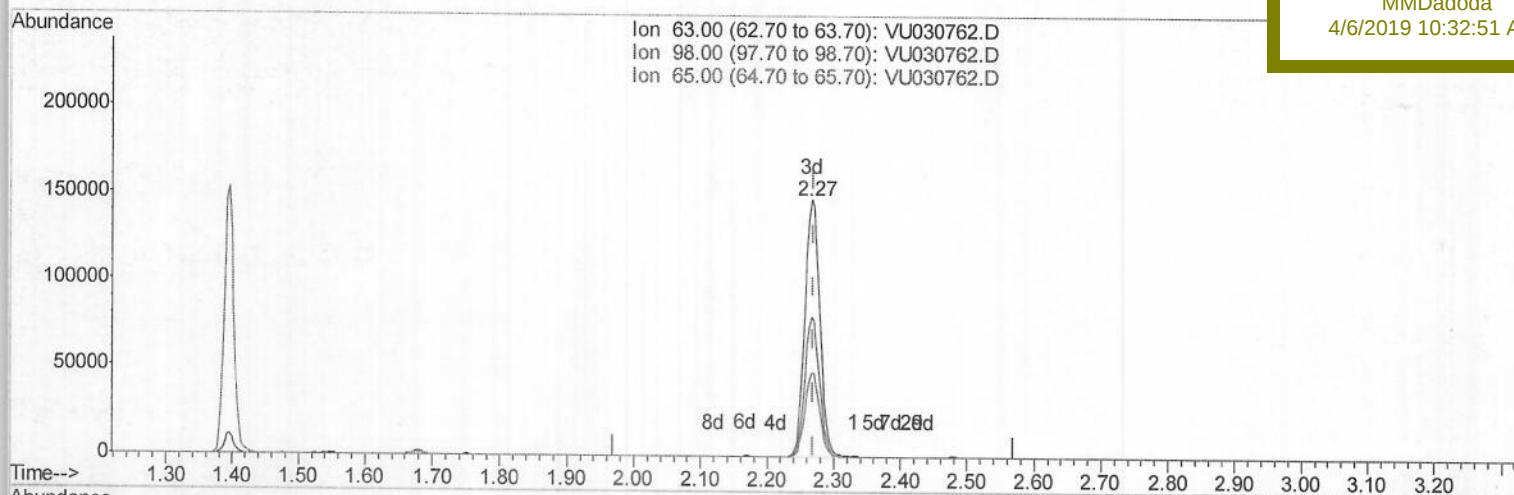
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Acq On : 05 Apr 2019 23:31
Operator : JC/SP
Sample : K2277-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 06 02:23:08 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
ClientSampled :
BF2Q9

Manual Integrations
APPROVED

MMDadoda
4/6/2019 10:32:51 AM



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

2.267min (-0.003) 33.31ug/L m

response 228902

Ion Exp% Act%

63.00	100	100
98.00	67.20	0.07#
65.00	24.00	0.04#
0.00	0.00	0.00

M.D
4/24/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030762.D
 Acq On : 05 Apr 2019 23:31
 Operator : JC/SP
 Sample : K2277-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2Q9

Quant Time: Apr 06 10:24:39 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 10:32:51 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	425596	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	418726	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173166	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	159253	41.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.84%		
7) Chloroethane-d5	1.68	69	133243	46.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.42%		
11) 1,1-Dichloroethene-d2	2.27	63	228902m	33.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.62%		
21) 2-Butanone-d5	4.17	46	321181	106.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.67%		
24) Chloroform-d	4.64	84	278949	48.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.14%		
26) 1,2-Dichloroethane-d4	5.31	65	201579	50.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.80%		
32) Benzene-d6	5.34	84	561613	45.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.88%		
36) 1,2-Dichloropropane-d6	6.33	67	201541	48.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.22%		
41) Toluene-d8	7.56	98	469302	43.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.62%		
43) trans-1,3-Dichloropropene-	7.85	79	88413	46.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.56%		
47) 2-Hexanone-d5	8.31	63	187735	98.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.05%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	280978	49.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.44%		
64) 1,2-Dichlorobenzene-d4	11.85	152	168943	49.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.22%		

M.D
 4/24/19

Target Compounds

Ovalue

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