Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\

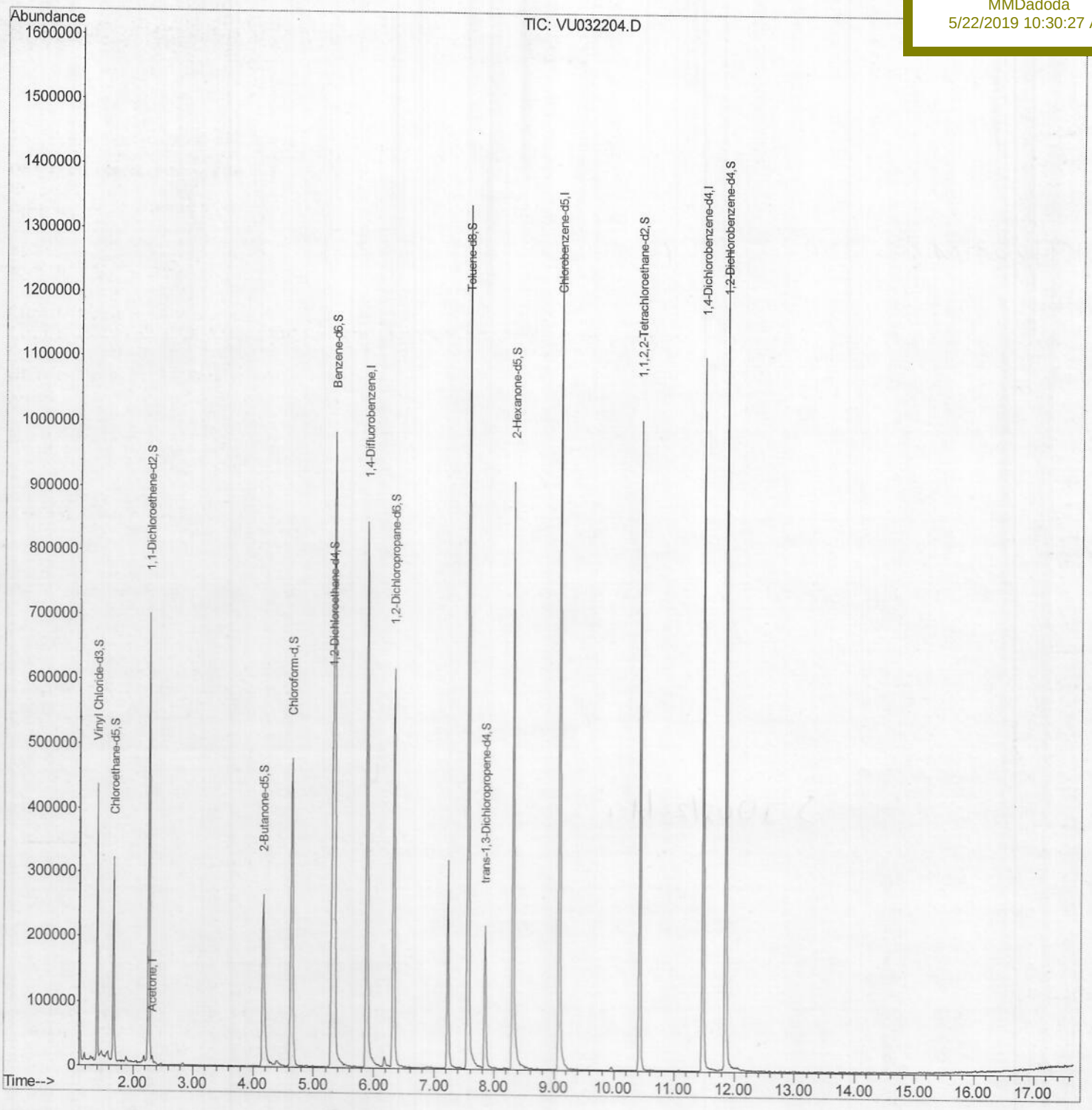
Quantitation Report (QT/LSC Reviewed)

Data File : VU032204.D
Acq On : 21 May 2019 16:56
Operator : JC/SP
Sample : K2975-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 22 04:01:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFHH5

Manual Integrations APPROVED
MMDadoda
5/22/2019 10:30:27 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\

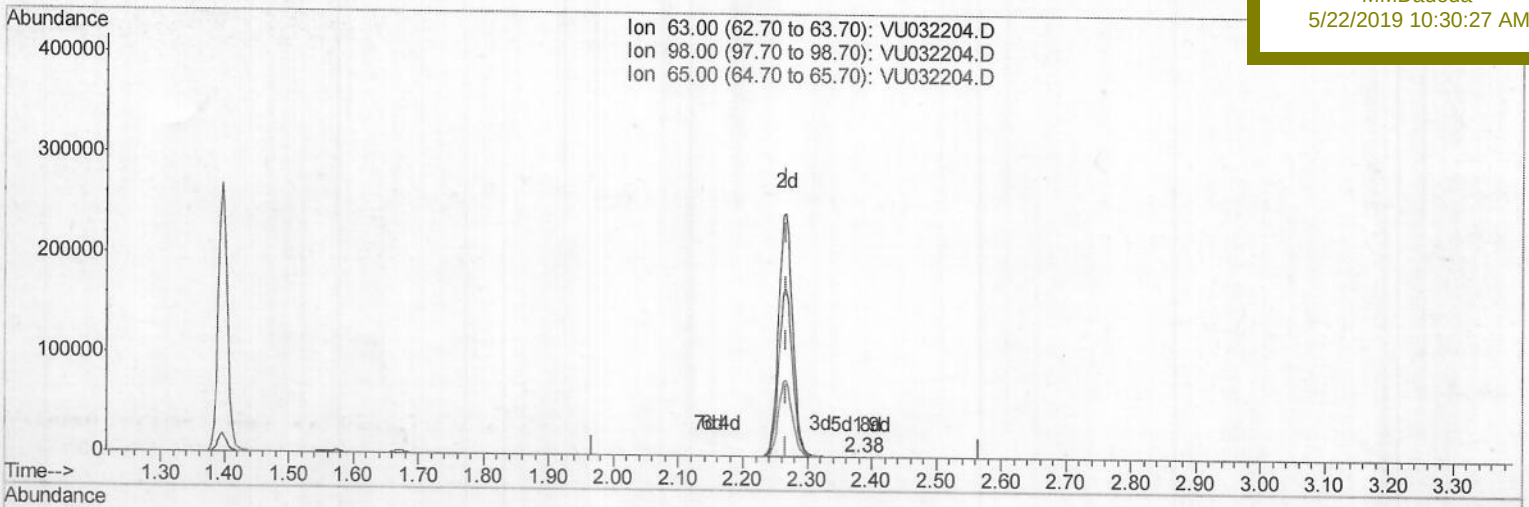
Quantitation Report (Qedit)

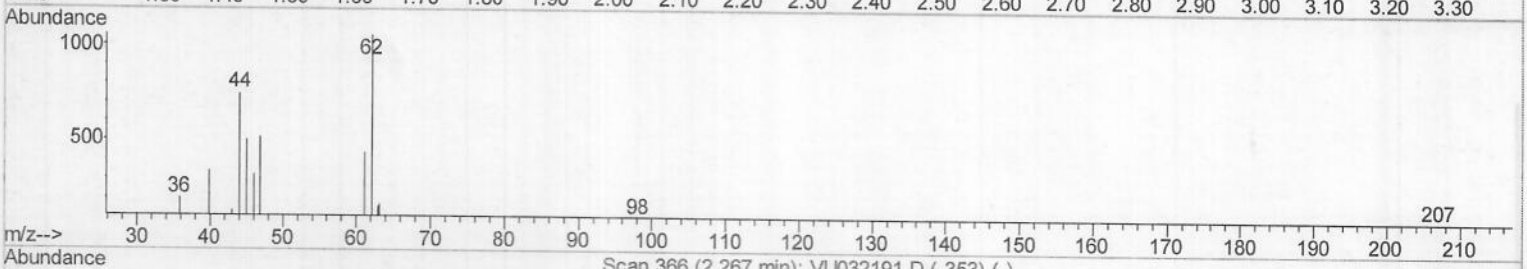
Data File : VU032204.D
Acq On : 21 May 2019 16:56
Operator : JC/SP
Sample : K2975-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

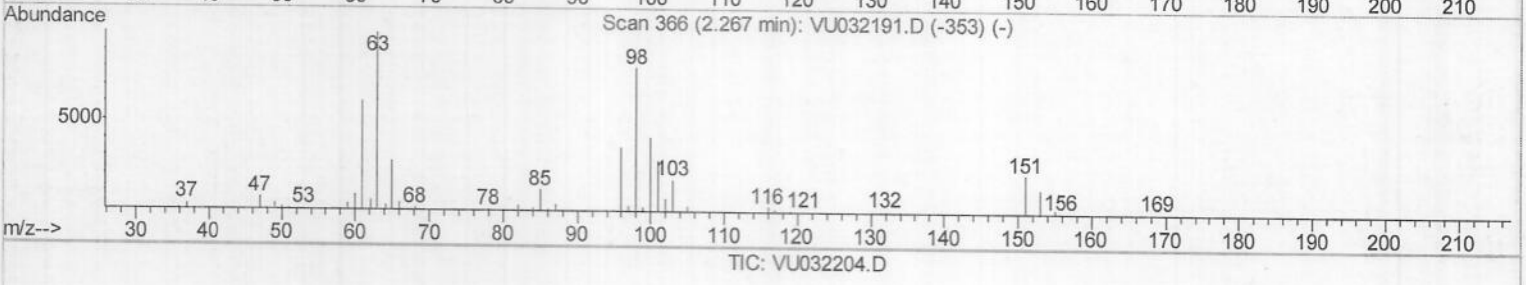
Quant Time: May 22 02:13:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFHH5

Manual Integrations APPROVED
MMDadoda
5/22/2019 10:30:27 AM







TIC: VU032204.D

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

2.379min (+0.113) 0.02ug/L

response 245

Ion	Exp%	Act%
63.00	100	100
98.00	85.10	60.82
65.00	24.00	18.78
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\

Quantitation Report (Qedit)

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Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
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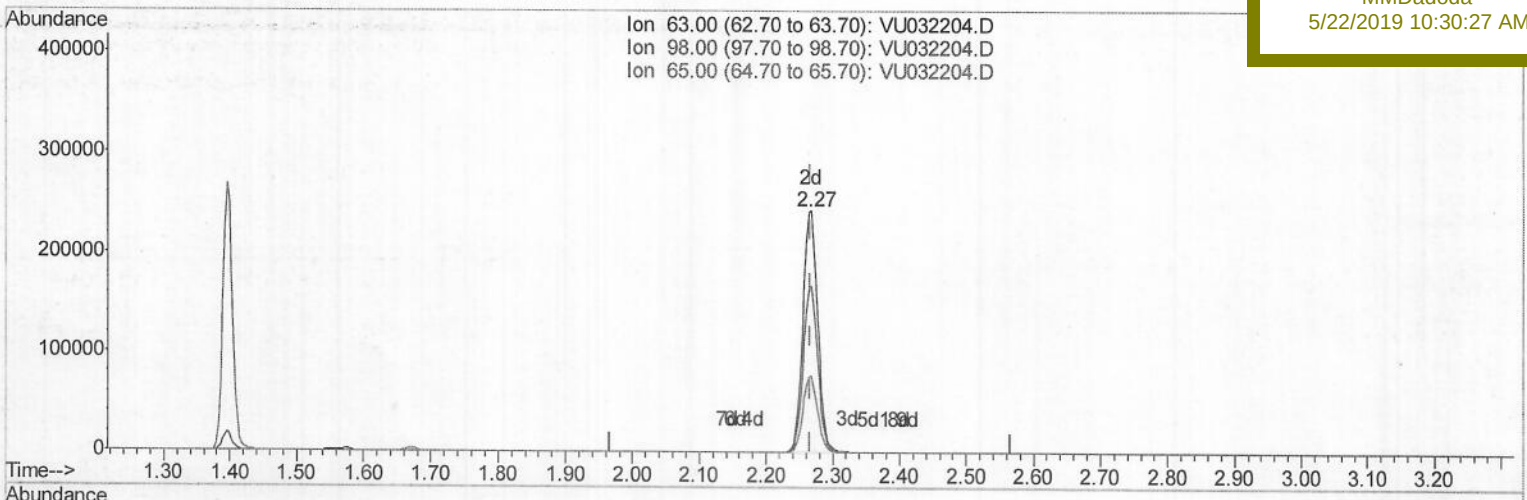
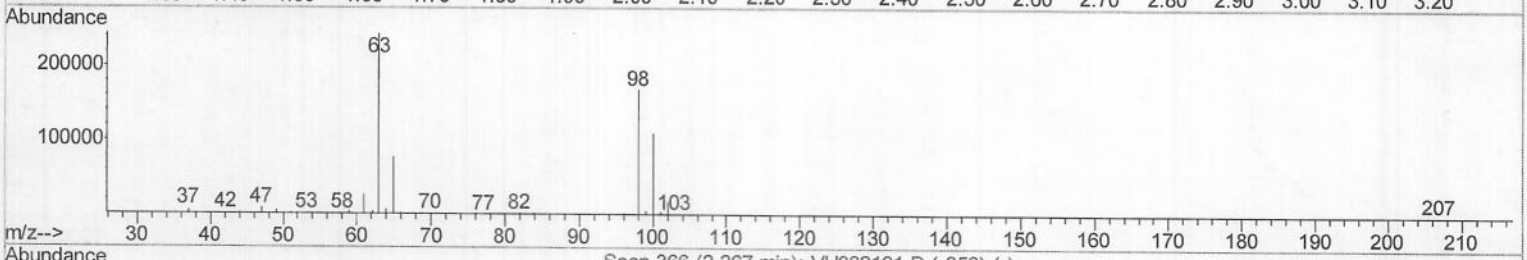
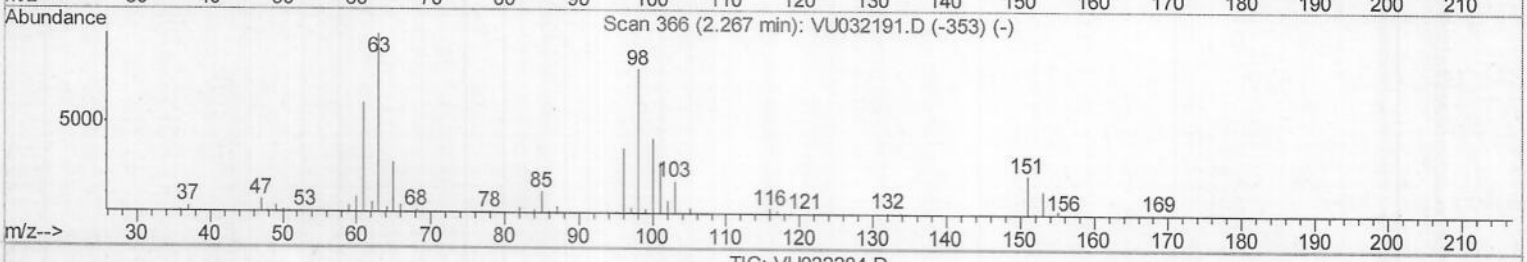
Instrument :
MSVOA_U
ClientSampleId :
BFHH5

Manual Integrations APPROVED
MMDadoda
5/22/2019 10:30:27 AM







TIC: VU032204.D

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

2.267min (+0.000) 37.74ug/L m JMD05/23/19

response 373321

Ion	Exp%	Act%
63.00	100	100
98.00	85.10	0.04#
65.00	24.00	0.01#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\

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Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BFHH5

Manual Integrations APPROVED
MMDadoda
5/22/2019 10:30:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	796293	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	793776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	323602	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	270100	52.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.00%			
7) Chloroethane-d5	1.67	69	229961	50.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.62%			
11) 1,1-Dichloroethene-d2	2.27	63	373321m	37.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.48%			
21) 2-Butanone-d5	4.17	46	403953	126.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 126.05%			
24) Chloroform-d	4.64	84	510054	49.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.68%			
26) 1,2-Dichloroethane-d4	5.30	65	319116	52.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.64%			
32) Benzene-d6	5.33	84	1081577	52.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.84%			
36) 1,2-Dichloropropane-d6	6.32	67	316677	53.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.30%			
41) Toluene-d8	7.56	98	983866	50.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.62%			
43) trans-1,3-Dichloropropene-	7.85	79	138849	47.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.46%			
47) 2-Hexanone-d5	8.31	63	331913	122.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 122.81%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	508983	52.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.62%			
64) 1,2-Dichlorobenzene-d4	11.85	152	379331	56.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.10%			
Target Compounds						Qvalue
13) Acetone	2.32	43	7651	2.345	ug/L	95

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

JMD 05/23/19