

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

Quantitation Report (QT Reviewed)

Data File : VU032524.D

Acq On : 07 Jun 2019 02:30

Operator : JC/SP

Sample : K3215-09

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jun 07 07:28:22 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Jun 07 07:01:53 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

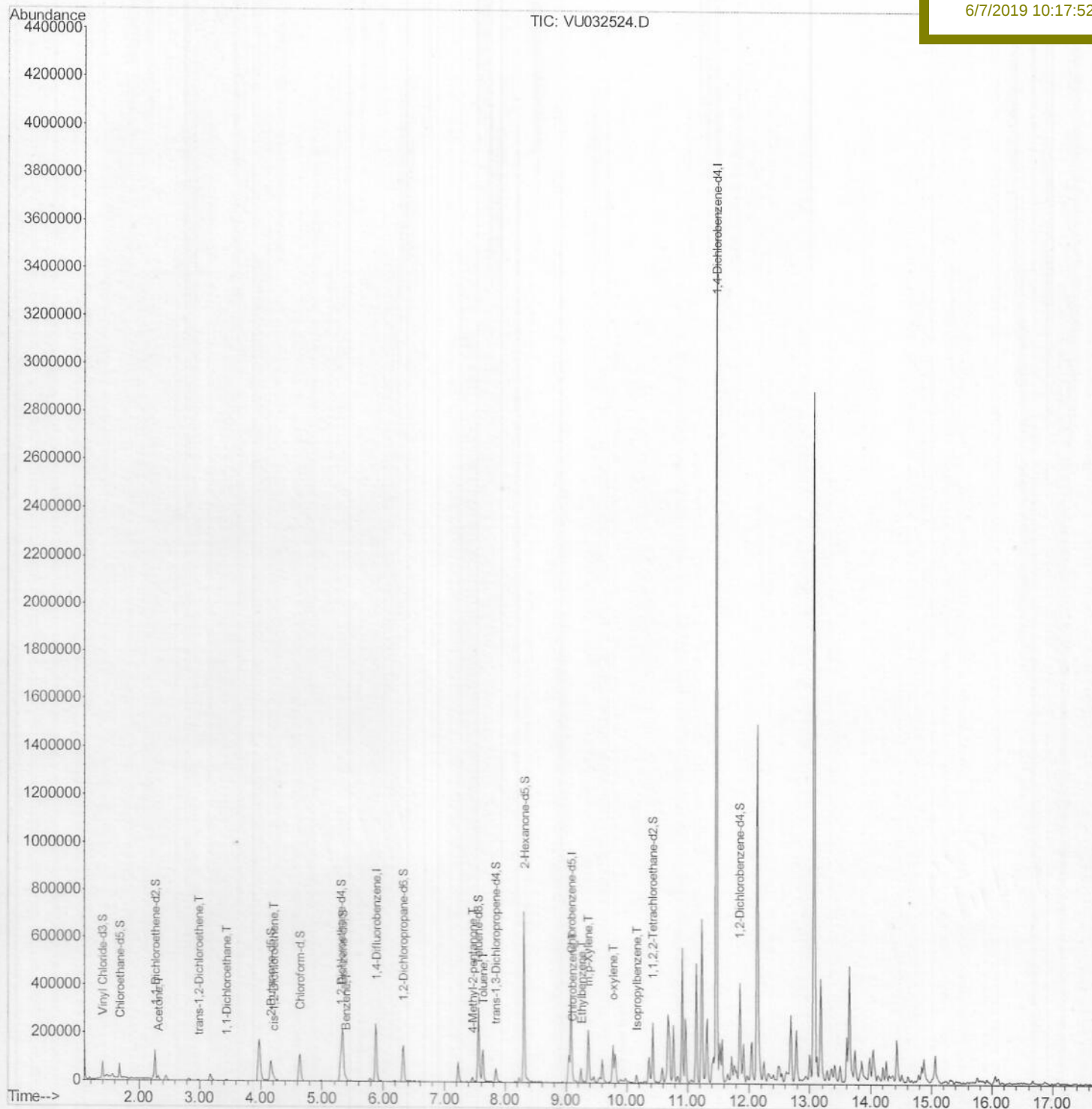
DB8J3

Manual Integrations

APPROVED

MMDadoda

6/7/2019 10:17:52 AM



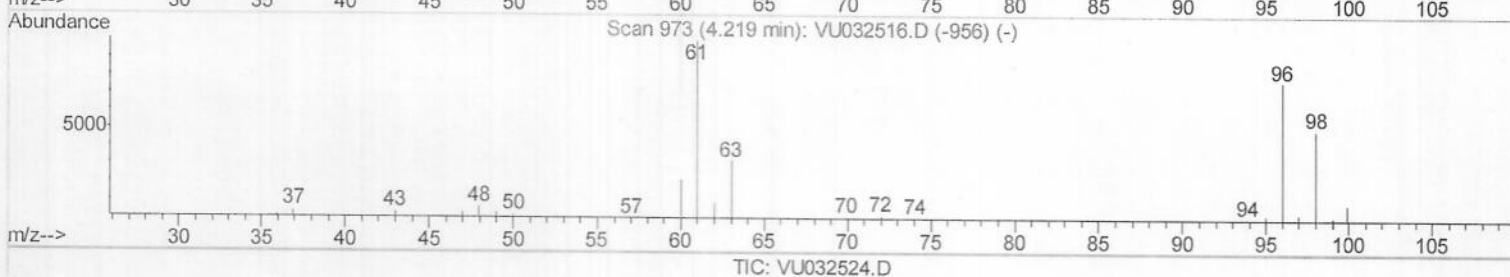
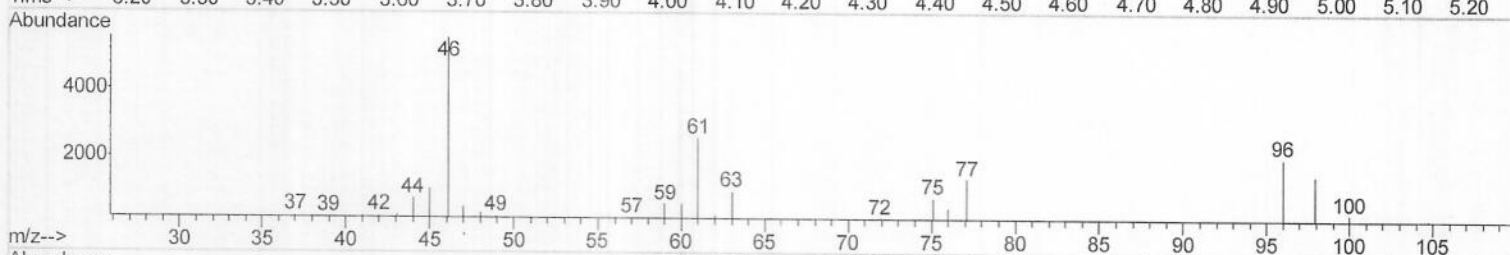
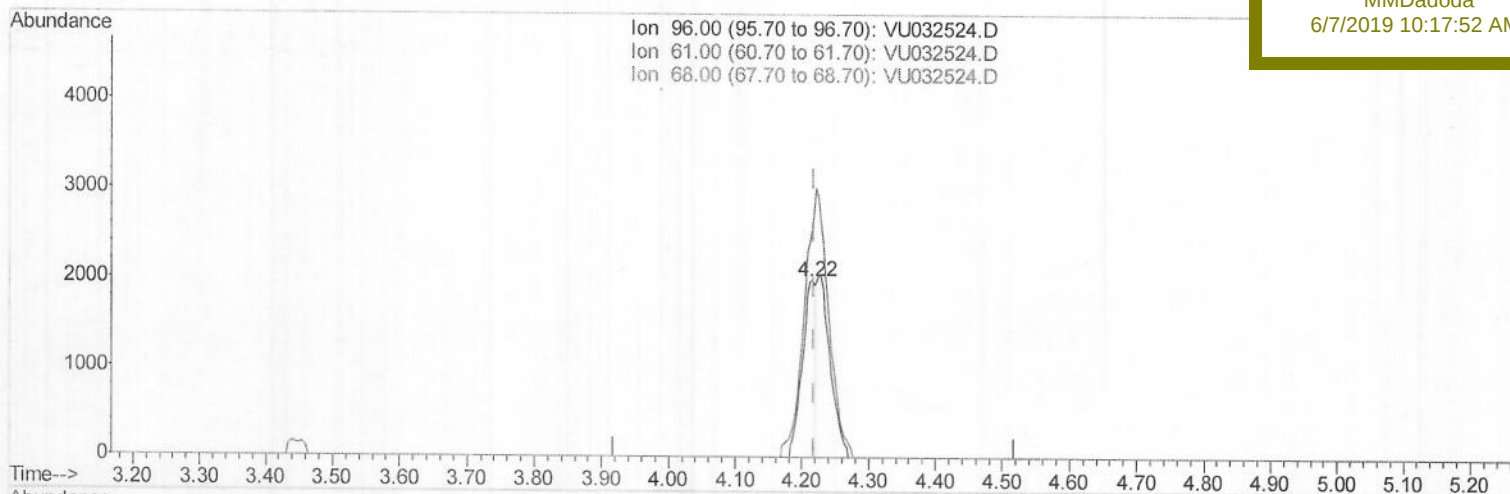
Data File : VU032524.D
Acq On : 07 Jun 2019 02:30
Operator : JC/SP
Sample : K3215-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jun 07 07:05:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
DB8J3

Manual Integrations
APPROVED

MMDadoda
6/7/2019 10:17:52 AM



(20) cis-1,2-Dichloroethene (T)

4.215min (-0.003) 1.78ug/L

response 2615

Ion	Exp%	Act%
96.00	100	100
61.00	124.60	129.92
68.00	0.00	0.00
0.00	0.00	0.00

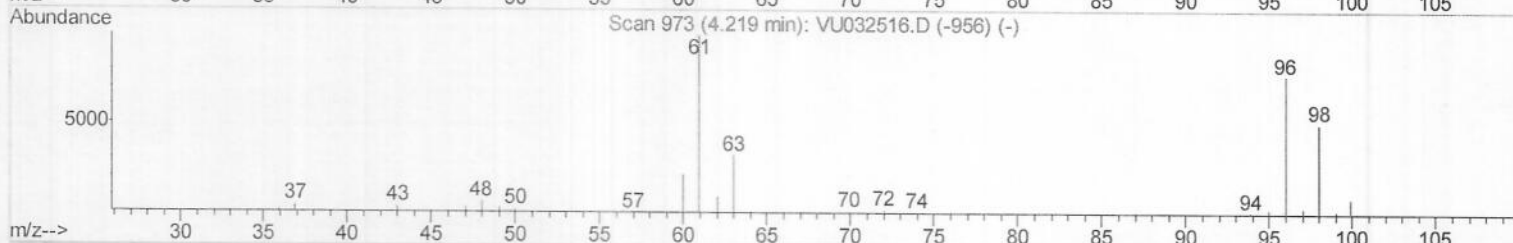
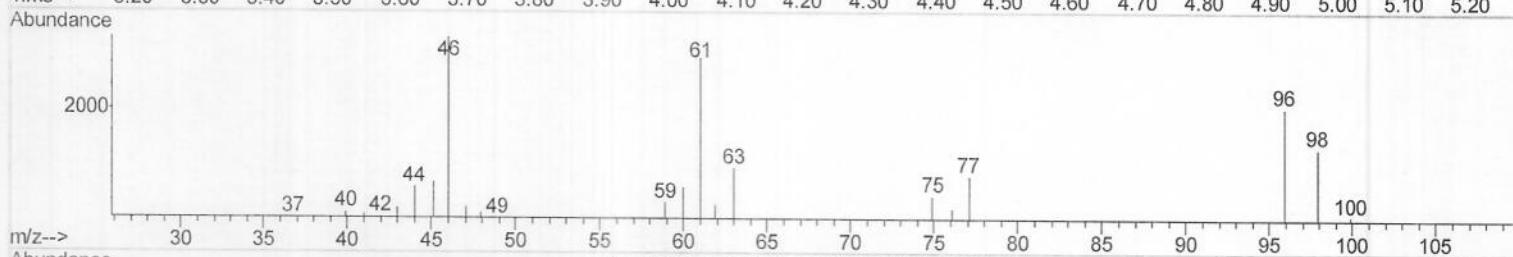
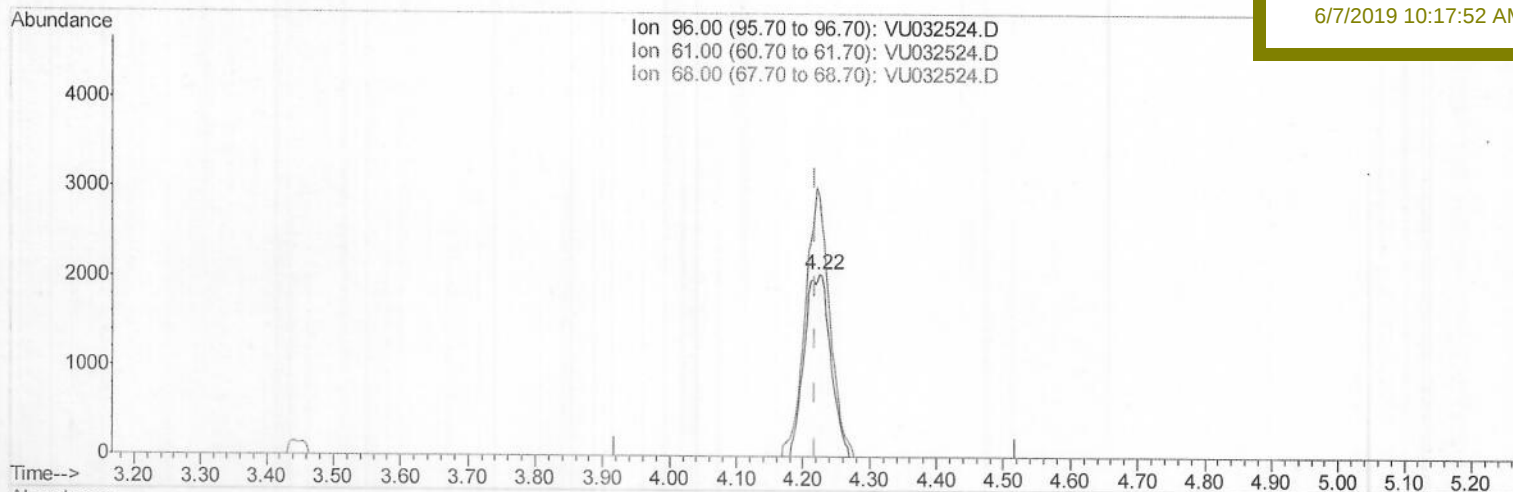
Data File : VU032524.D
Acq On : 07 Jun 2019 02:30
Operator : JC/SP
Sample : K3215-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jun 07 07:05:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
DB8J3

Manual Integrations
APPROVED

MMDadoda
6/7/2019 10:17:52 AM



(20) cis-1,2-Dichloroethene (T)

4.225min (+0.006) 3.83ug/L m

response 5628

Ion Exp% Act%

96.00 100 100

61.00 124.60 142.09

68.00 0.00 0.00

0.00 0.00 0.00

M.D
6/11/19

Data File : VU032524.D
Acq On : 07 Jun 2019 02:30
Operator : JC/SP
Sample : K3215-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
Client Sampled :
DB8J3

Quant Time: Jun 07 07:28:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 07:01:53 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
6/7/2019 10:17:52 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	202157	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	189690	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40633	30.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.96%		
7) Chloroethane-d5	1.67	69	38605	36.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.26%		
11) 1,1-Dichloroethene-d2	2.27	63	67671	26.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.70%#		
21) 2-Butanone-d5	4.17	46	133739	121.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	121.85%		
24) Chloroform-d	4.64	84	106983	43.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.48%		
26) 1,2-Dichloroethane-d4	5.30	65	72764	47.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.44%		
32) Benzene-d6	5.33	84	216524	43.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.94%		
36) 1,2-Dichloropropane-d6	6.32	67	71786	46.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.98%		
41) Toluene-d8	7.56	98	202707	43.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.82%		
43) trans-1,3-Dichloropropene-	7.85	79	31512	42.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.28%		
47) 2-Hexanone-d5	8.31	63	98122	131.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	131.00%#		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116123	51.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.80%		
64) 1,2-Dichlorobenzene-d4	11.85	152	96597	50.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.56%		

Target Compounds

					Qvalue
13) Acetone	2.32	43	17146	15.140 ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	758	0.583 ug/L	90
19) 1,1-Dichloroethane	3.44	63	4975	2.099 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	5628m	3.826 ug/L	
33) Benzene	5.39	78	18632	3.496 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	12891	5.672 ug/L	98
42) Toluene	7.63	91	97675	16.734 ug/L	99
51) Chlorobenzene	9.12	112	2171	0.577 ug/L	94
52) Ethylbenzene	9.25	91	42868	6.589 ug/L	99
53) m,p-Xylene	9.37	106	52398	21.180 ug/L	99
54) o-xylene	9.77	106	40051	16.305 ug/L	98
56) Isopropylbenzene	10.16	105	21301	3.289 ug/L	99

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

M.D
6/11/19