Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\

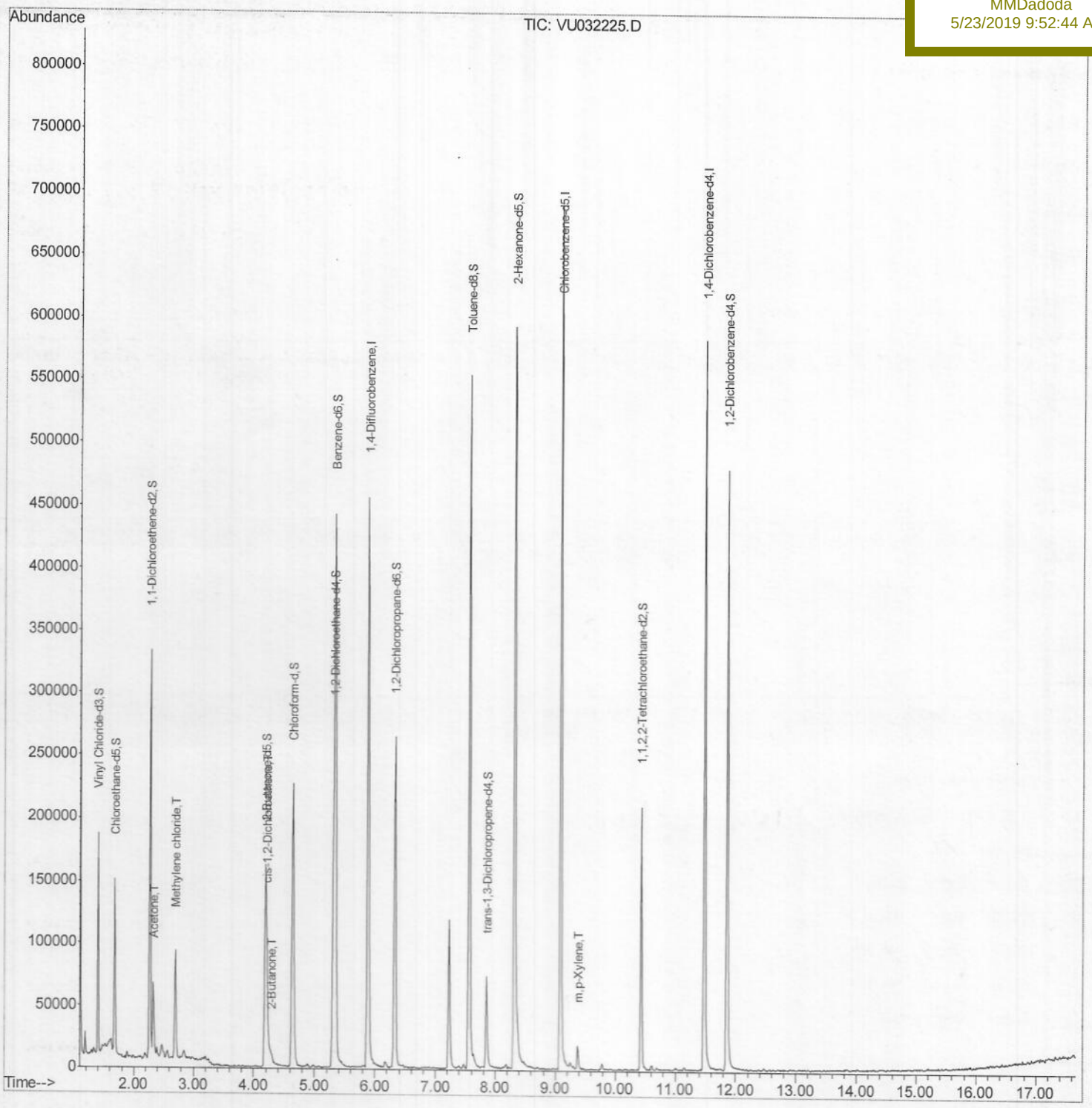
Quantitation Report (QT Reviewed)

Data File : VU032225.D
Acq On : 22 May 2019 16:19
Operator : JC/SP
Sample : K3001-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 23 02:10:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E3YE8

Manual Integrations APPROVED
MMDadoda
5/23/2019 9:52:44 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\

Quantitation Report (Qedit)

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ALS Vial : 11 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
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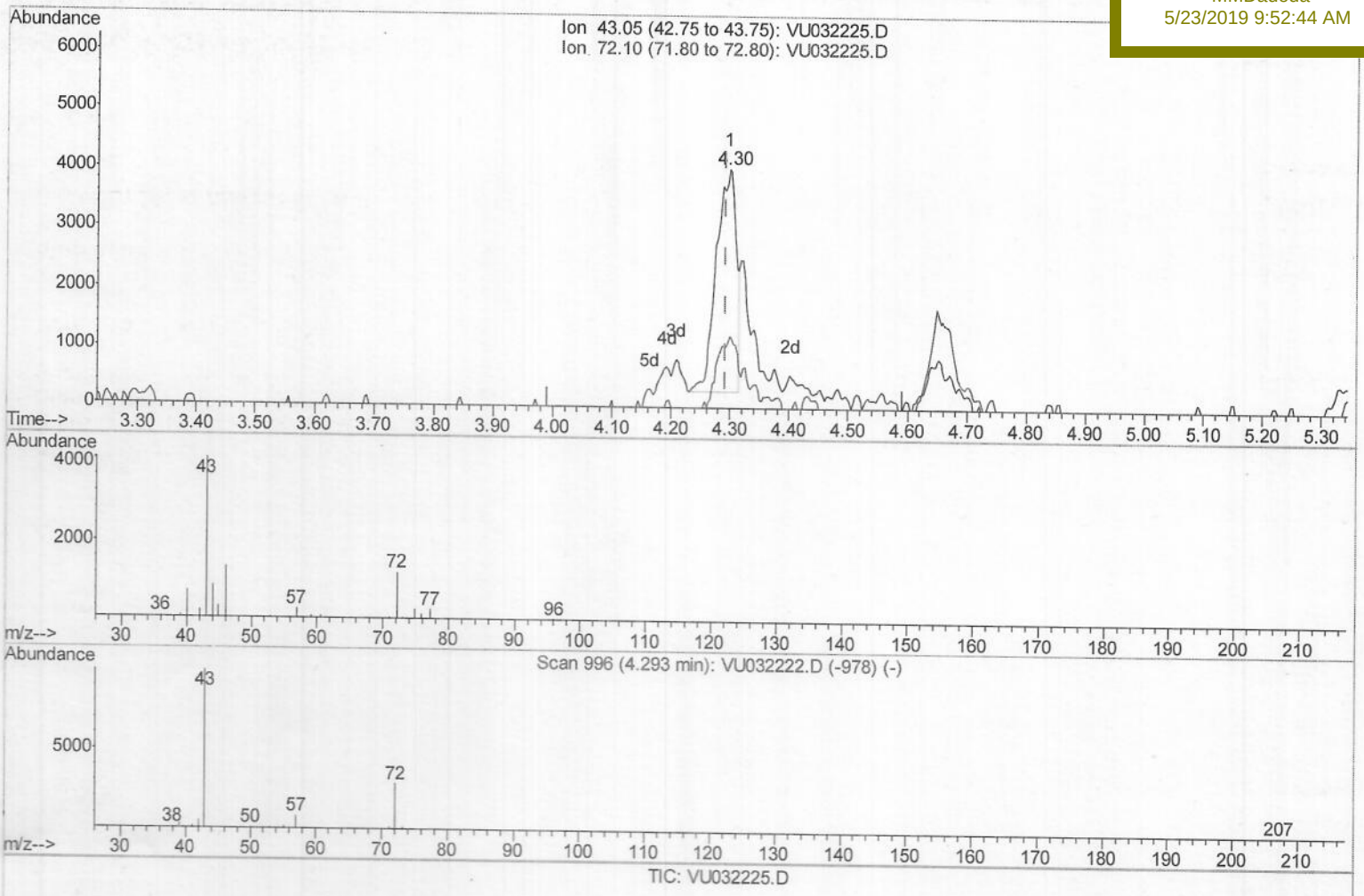

TIC: VU032225.D

(21) 2-Butanone (T)

4.299min (+0.006) 2.93ug/L

response 8957

Ion	Exp%	Act%
43.05	100	100
72.10	30.40	31.92
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\

Quantitation Report (Qedit)

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QLast Update : Thu May 23 01:46:44 2019
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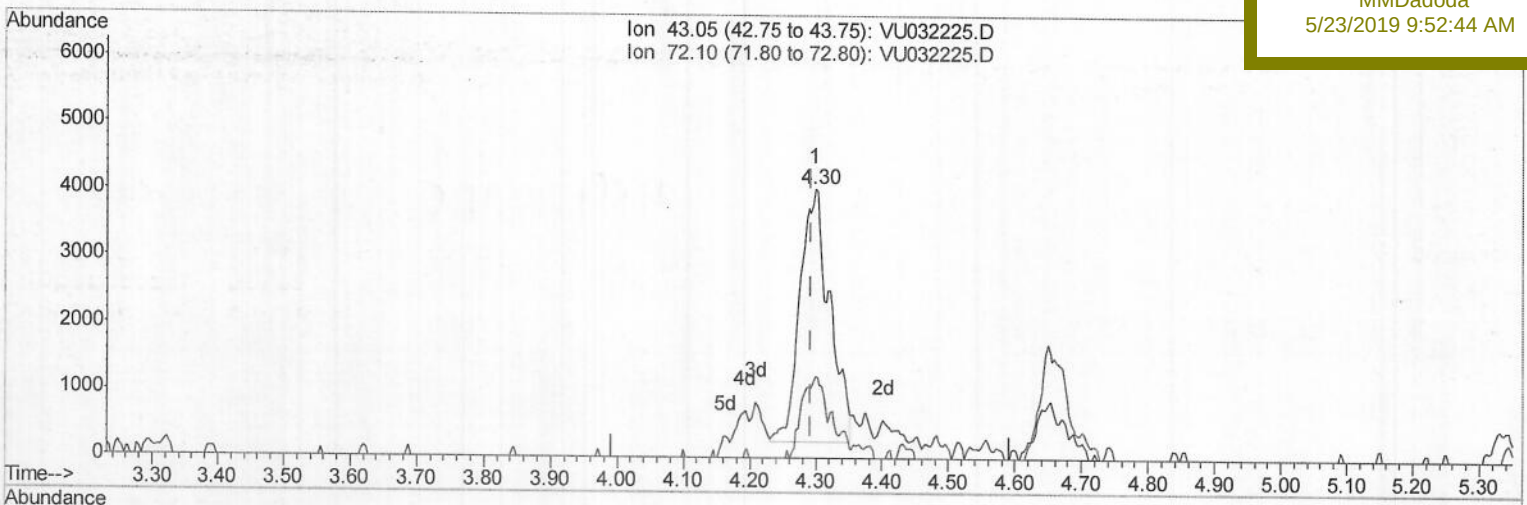
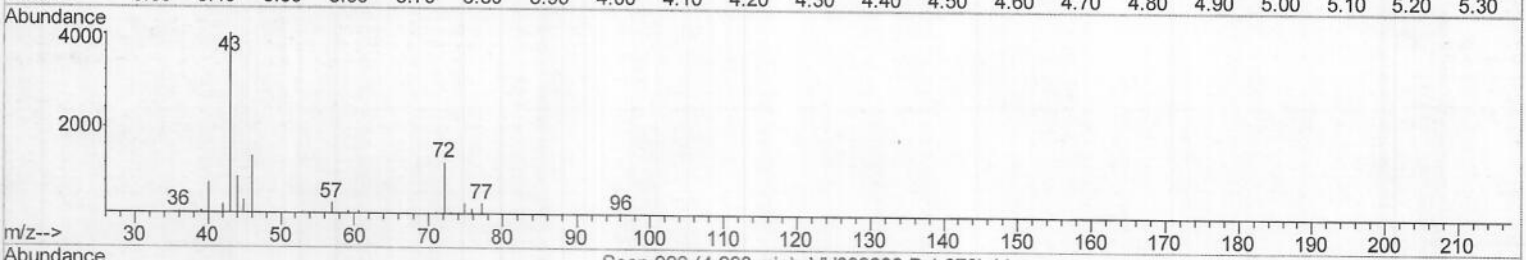
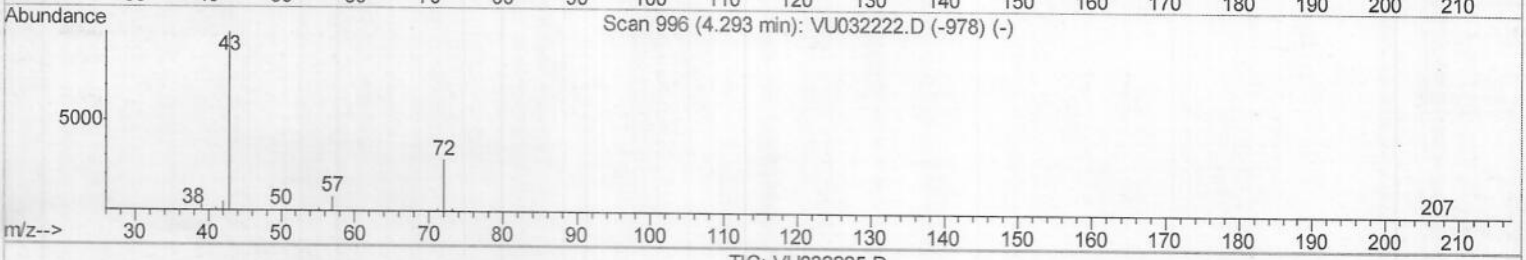
MSVOA_U
ClientSampleId :
E3YE8

Manual Integrations APPROVED
MMDadoda
5/23/2019 9:52:44 AM







TIC: VU032225.D

(21) 2-Butanone (T)

4.299min (+0.006) 3.86ug/L m

response 11805

M·D
05/23/19

Ion	Exp%	Act%
43.05	100	100
72.10	30.40	24.22
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\

Quantitation Report (QT Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : E3YE8

Manual Integrations APPROVED
MMDadoda
5/23/2019 9:52:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	413420	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174286	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	119055	5.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.60%			
7) Chloroethane-d5	1.68	69	99043	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.27	63	172375	4.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.60%			
20) 2-Butanone-d5	4.19	46	251630	38.42	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.84%			
24) Chloroform-d	4.64	84	225138	3.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.00%			
26) 1,2-Dichloroethane-d4	5.31	65	111450	3.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.00%			
32) Benzene-d6	5.33	84	472913	4.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.20%			
36) 1,2-Dichloropropane-d6	6.33	67	136186	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 71.00%			
41) Toluene-d8	7.56	98	399455	3.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.60%#			
43) trans-1,3-Dichloropropene-	7.85	79	44458	3.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 60.40%			
46) 2-Hexanone-d5	8.31	63	210552	37.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.90%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107328	2.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 56.40%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	145229	3.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 60.40%#			
Target Compounds						Qvalue
13) Acetone	2.33	43	62638	30.870	ug/L	99
16) Methylene chloride	2.70	84	43909	2.237	ug/L	96
21) 2-Butanone	4.30	43	11805m	3.857	ug/L	
22) cis-1,2-Dichloroethene	4.22	96	11839	0.768	ug/L	81
53) m,p-Xylene	9.38	106	6134	0.274	ug/L	76

M.D 05/23/19

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