Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

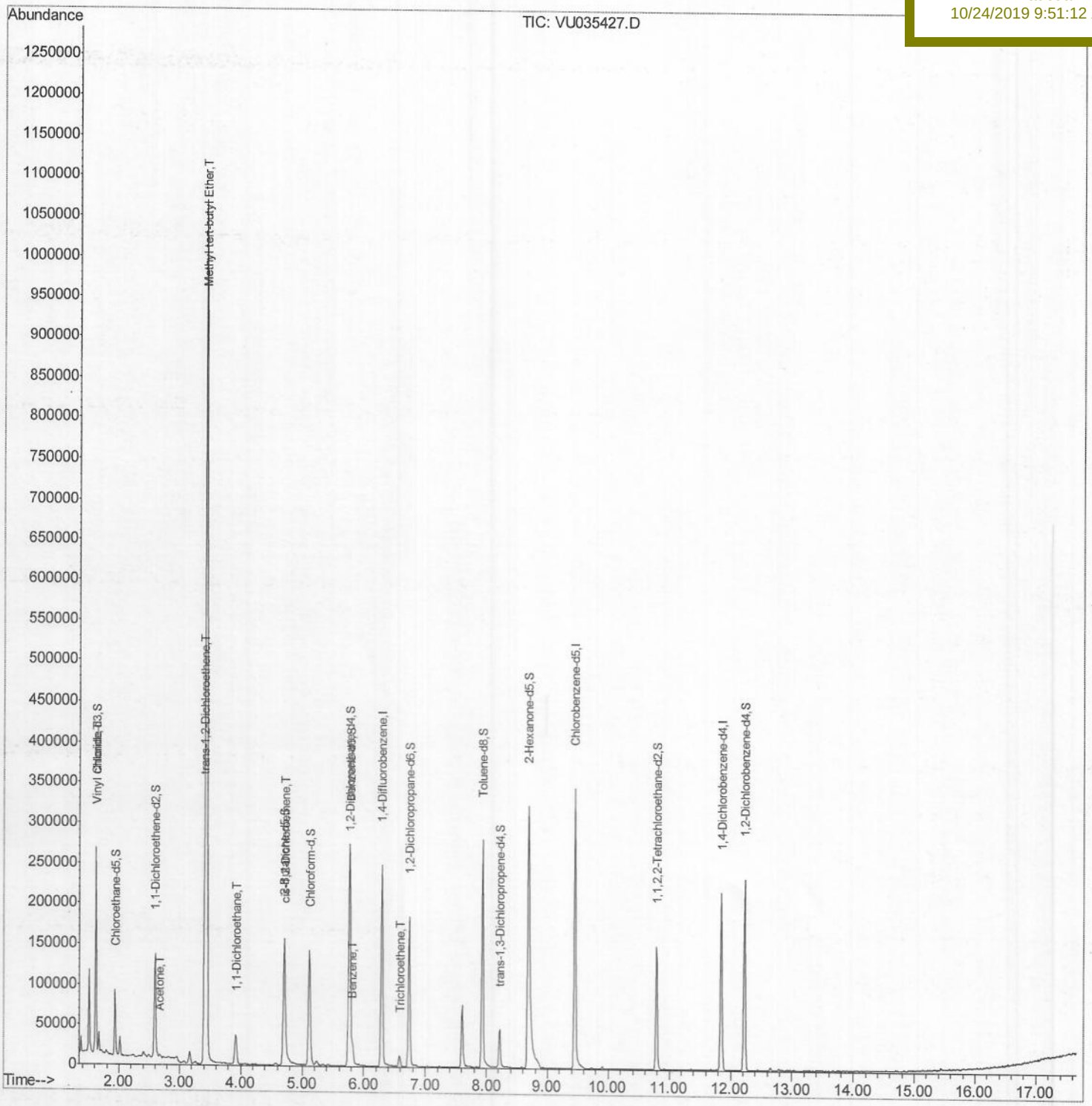
Quantitation Report (QT Reviewed)

Data File : VU035427.D
Acq On : 23 Oct 2019 23:23
Operator : JC/SP
Sample : K5488-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 24 07:03:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H0G53

Manual Integrations APPROVED
MMDadoda
10/24/2019 9:51:12 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

Quantitation Report (Qedit)

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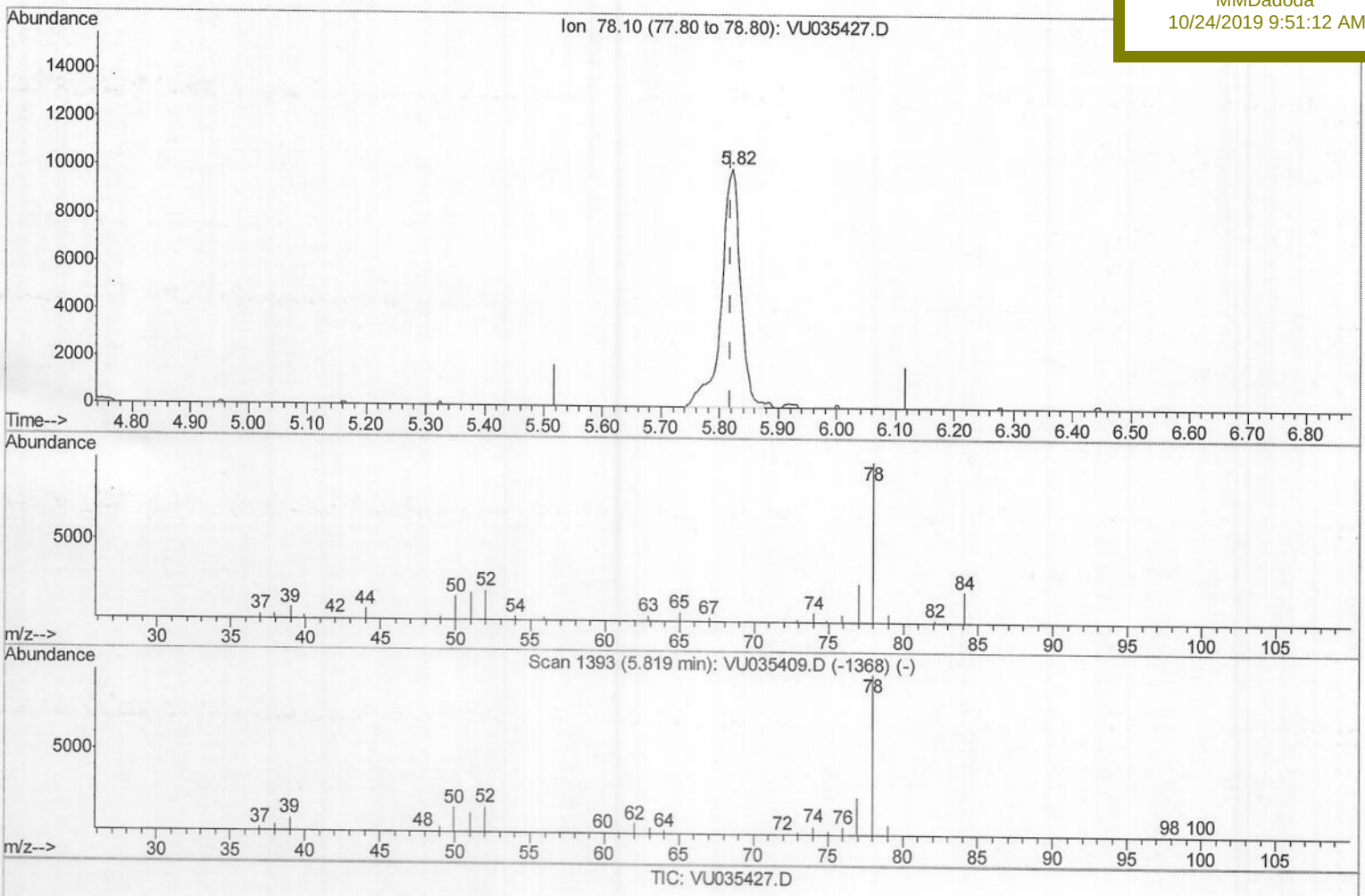
10/24/2019 9:51:12 AM



TIC: VU035427.D

(33) Benzene (T)

5.822min (+0.003) 0.37ug/L

response 22856

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

Quantitation Report (Qedit)

Data File : VU035427.D
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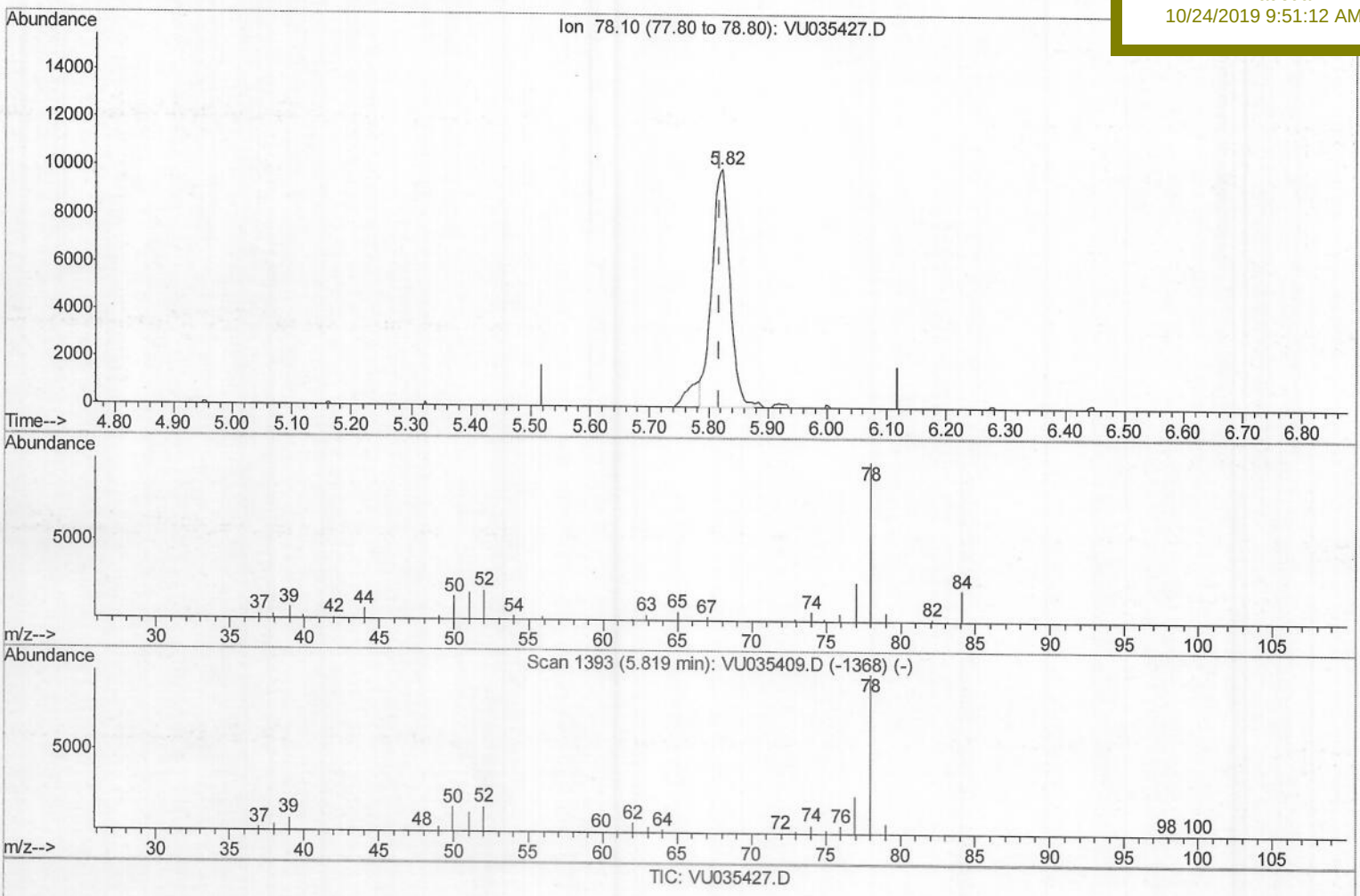
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H0G53

Manual Integrations APPROVED
MMDadoda
10/24/2019 9:51:12 AM



TIC: VU035427.D

(33) Benzene (T)

5.822min (+0.003) 0.35ug/L m

response 21204

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

> MD 11/06/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

Quantitation Report (QT Reviewed)

Data File : VU035427.D
Acq On : 23 Oct 2019 23:23
Operator : JC/SP
Sample : K5488-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 24 07:03:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : H0G53

Manual Integrations APPROVED
MMDadoda
10/24/2019 9:51:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	201157	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	207847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	70077	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	54480	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	1.93	69	57613	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.80%			
11) 1,1-Dichloroethene-d2	2.59	63	80146	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	4.71	46	232998	66.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.20%#			
24) Chloroform-d	5.11	84	130068	5.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.00%			
26) 1,2-Dichloroethane-d4	5.75	65	75575	6.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 121.80%			
32) Benzene-d6	5.77	84	235756	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.74	67	87623	5.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.20%			
41) Toluene-d8	7.93	98	191194	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
43) trans-1,3-Dichloropropene-	8.22	79	29304	4.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.00%			
46) 2-Hexanone-d5	8.68	63	151881	47.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.04%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	80537	5.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 119.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	68350	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	24505	1.405	ug/L	84
13) Acetone	2.67	43	3256	1.328	ug/L	98
17) Methyl tert-butyl Ether	3.43	73	1162484	33.422	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	3017	0.216	ug/L	90
19) 1,1-Dichloroethane	3.92	63	41556	1.648	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	9014	0.585	ug/L	83
33) Benzene	5.82	78	21204m	0.347	ug/L	
34) Trichloroethene	6.58	95	4369	0.266	ug/L	93

MD 11/06/19

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