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

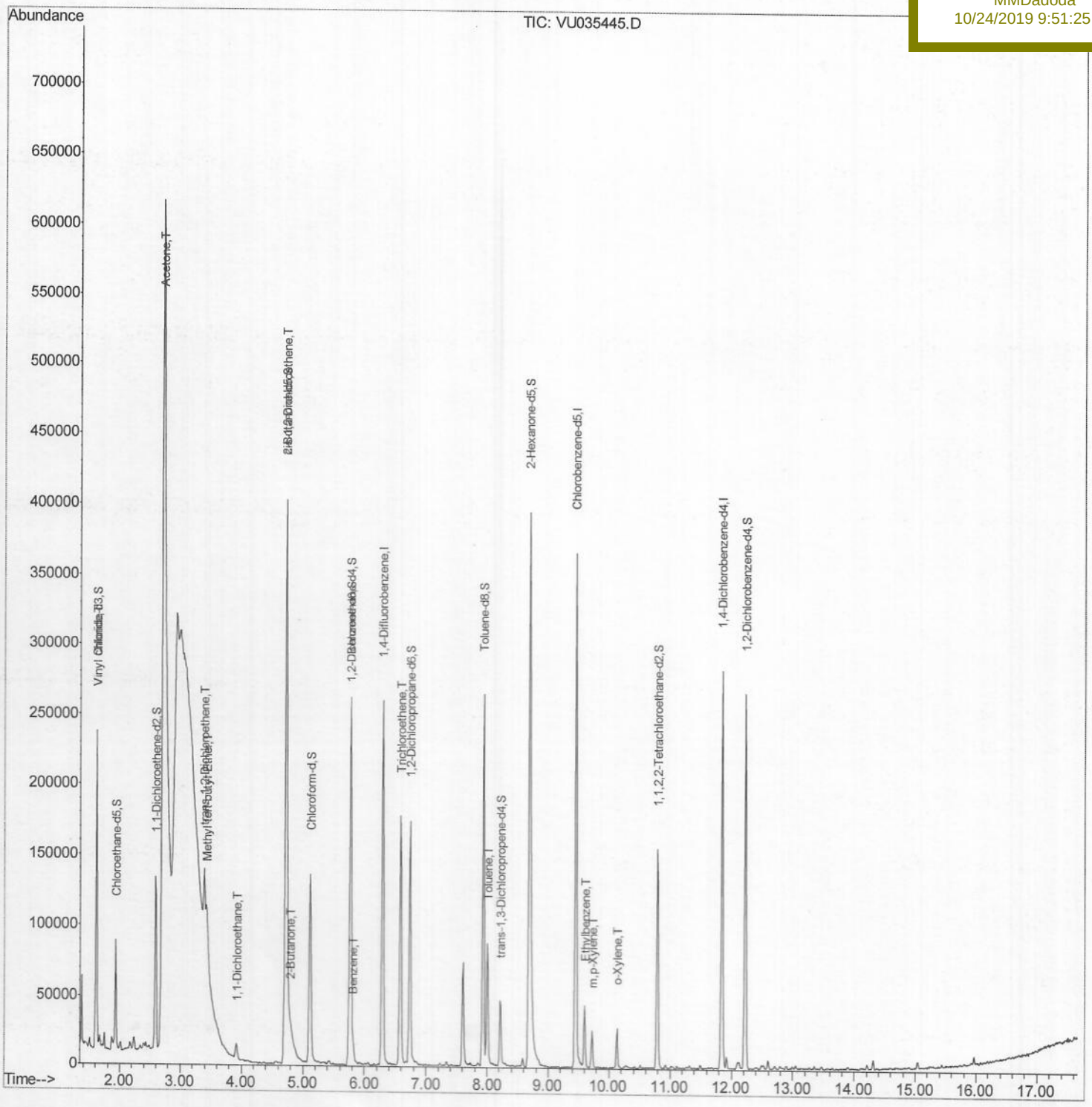
Quantitation Report (QT Reviewed)

Data File : VU035445.D
Acq On : 24 Oct 2019 08:26
Operator : JC/SP
Sample : K5509-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Oct 24 08:51:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:45:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H0G48

Manual Integrations APPROVED
MMDadoda
10/24/2019 9:51:25 AM



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

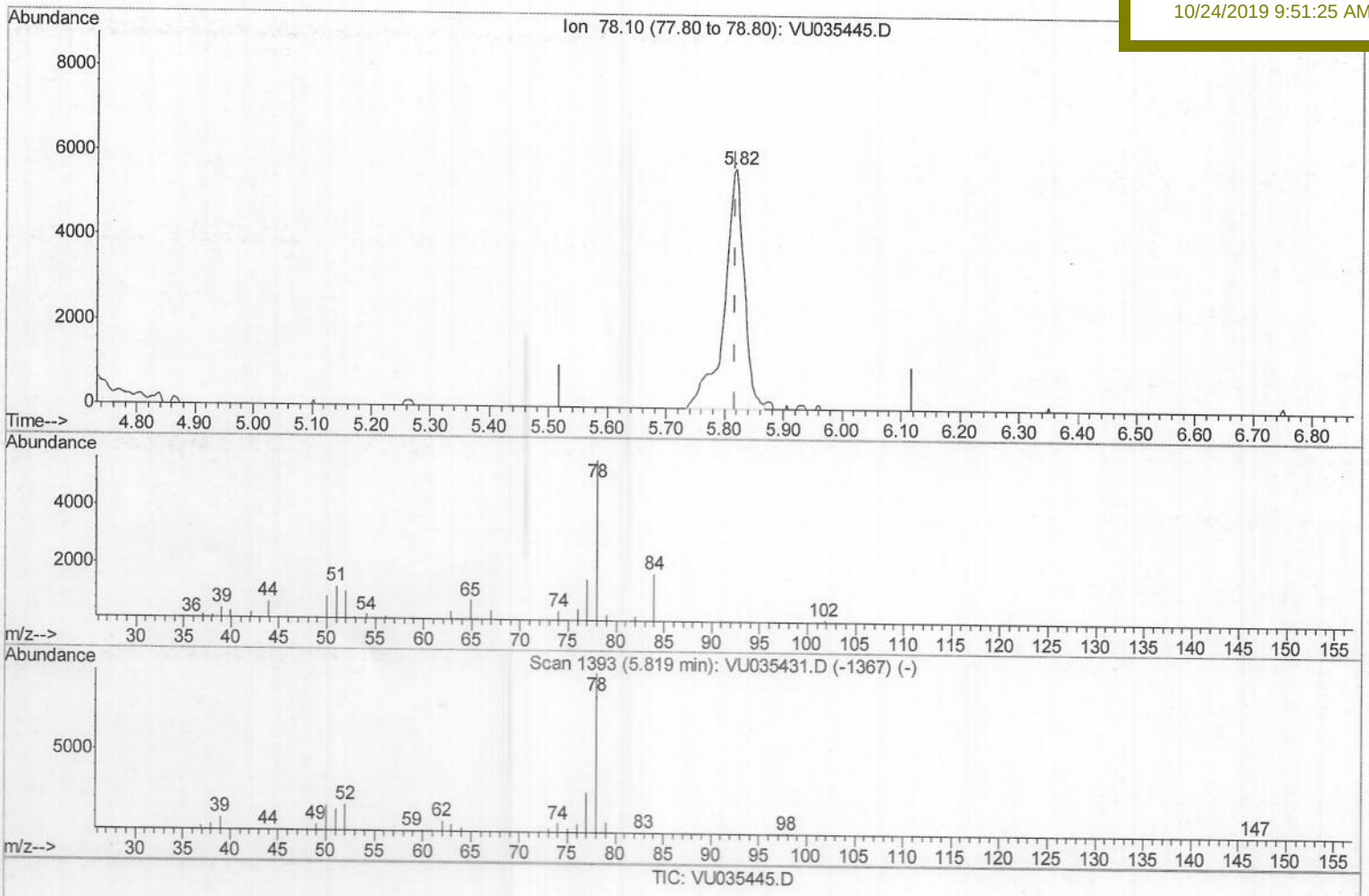
Quantitation Report (Qedit)

Data File : VU035445.D
Acq On : 24 Oct 2019 08:26
Operator : JC/SP
Sample : K5509-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Oct 24 08:46:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:45:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H0G48

Manual Integrations APPROVED
MMDadoda
10/24/2019 9:51:25 AM



TIC: VU035445.D

(33) Benzene (T)

5.819min (0.000) 0.21ug/L

response 13358

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 : VU035445.D
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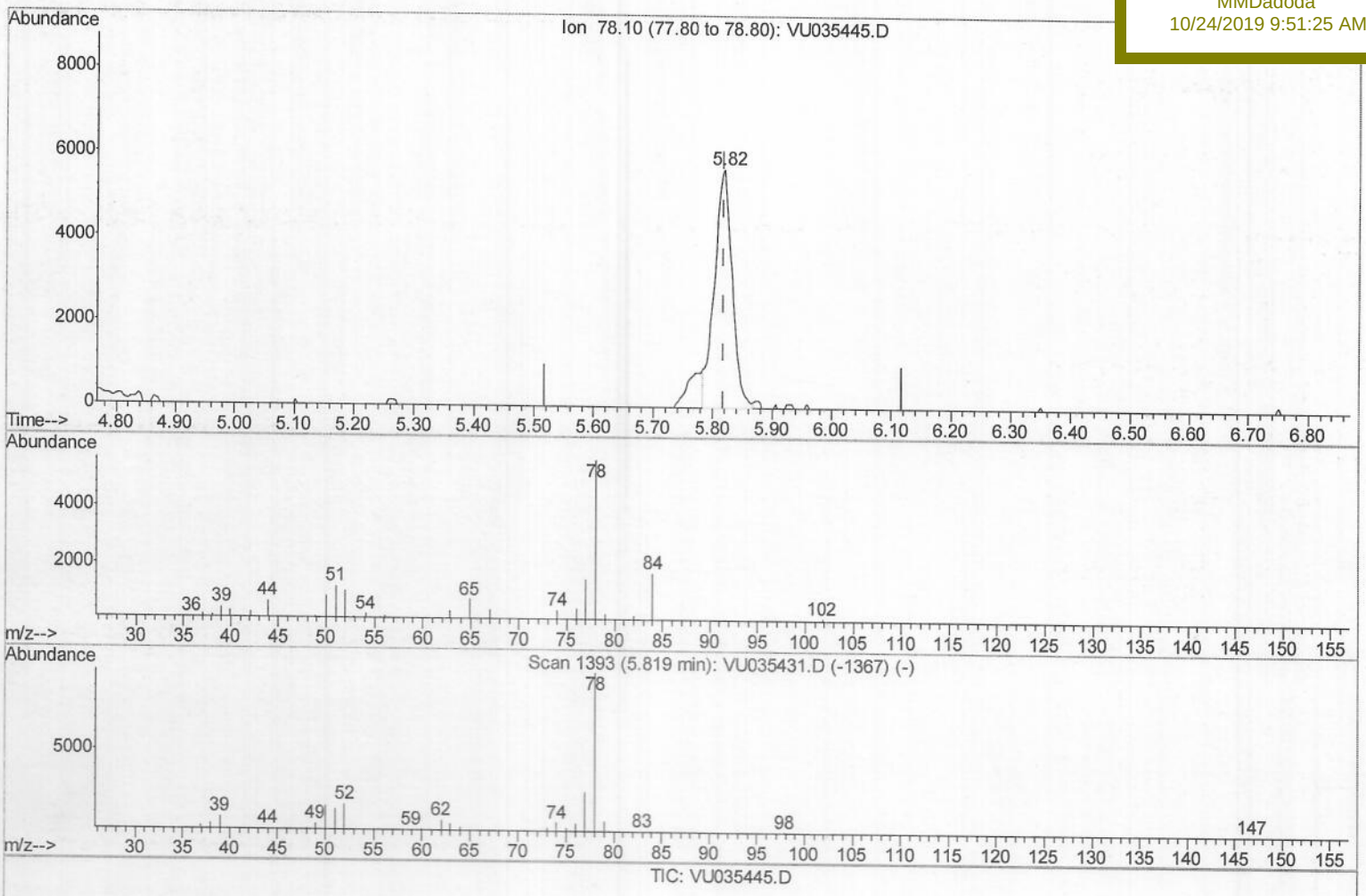
MSVOA_U
ClientSampleId :
H0G48

Manual Integrations APPROVED
MMDadoda
10/24/2019 9:51:25 AM



TIC: VU035445.D

(33) Benzene (T)

5.819min (0.000) 0.19ug/L m

response 11725

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
08/12/19

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

Quantitation Report (QT Reviewed)

Data File : VU035445.D
Acq On : 24 Oct 2019 08:26
Operator : JC/SP
Sample : K5509-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Oct 24 08:51:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:45:49 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : H0G48

Manual Integrations APPROVED
MMDadoda
10/24/2019 9:51:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	205661	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	212272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81064	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	51048	4.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.40%			
7) Chloroethane-d5	1.93	69	54401	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.59	63	76259	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	4.73	46	216138	59.98	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.96%			
24) Chloroform-d	5.11	84	122480	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
26) 1,2-Dichloroethane-d4	5.75	65	73821	5.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.20%			
32) Benzene-d6	5.77	84	221744	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
36) 1,2-Dichloropropane-d6	6.74	67	83398	5.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.20%			
41) Toluene-d8	7.93	98	174834	3.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.20%			
43) trans-1,3-Dichloropropene-	8.22	79	28498	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.69	63	170057	51.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.10%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	80553	5.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	72588	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	93829	5.262	ug/L	98
13) Acetone	2.71	43	2093898	835.307	ug/L	94
17) Methyl tert-butyl Ether	3.43	73	37697	1.060	ug/L #	70
18) trans-1,2-Dichloroethene	3.39	96	18714	1.312	ug/L	94
19) 1,1-Dichloroethane	3.92	63	11374	0.441	ug/L	97
21) 2-Butanone	4.81	43	10101	2.472	ug/L	90
22) cis-1,2-Dichloroethene	4.72	96	175723	11.150	ug/L	99
33) Benzene	5.82	78	11725m	0.188	ug/L	
34) Trichloroethene	6.58	95	60823	3.622	ug/L	93
42) Toluene	8.01	91	63196	0.917	ug/L	97
52) Ethylbenzene	9.60	91	32353	0.413	ug/L	96
53) m,p-Xylene	9.72	106	7703	0.260	ug/L	86
54) o-Xylene	10.13	106	7605	0.263	ug/L	91

> MD 08/12/19

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