Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\

Quantitation Report (QT Reviewed)

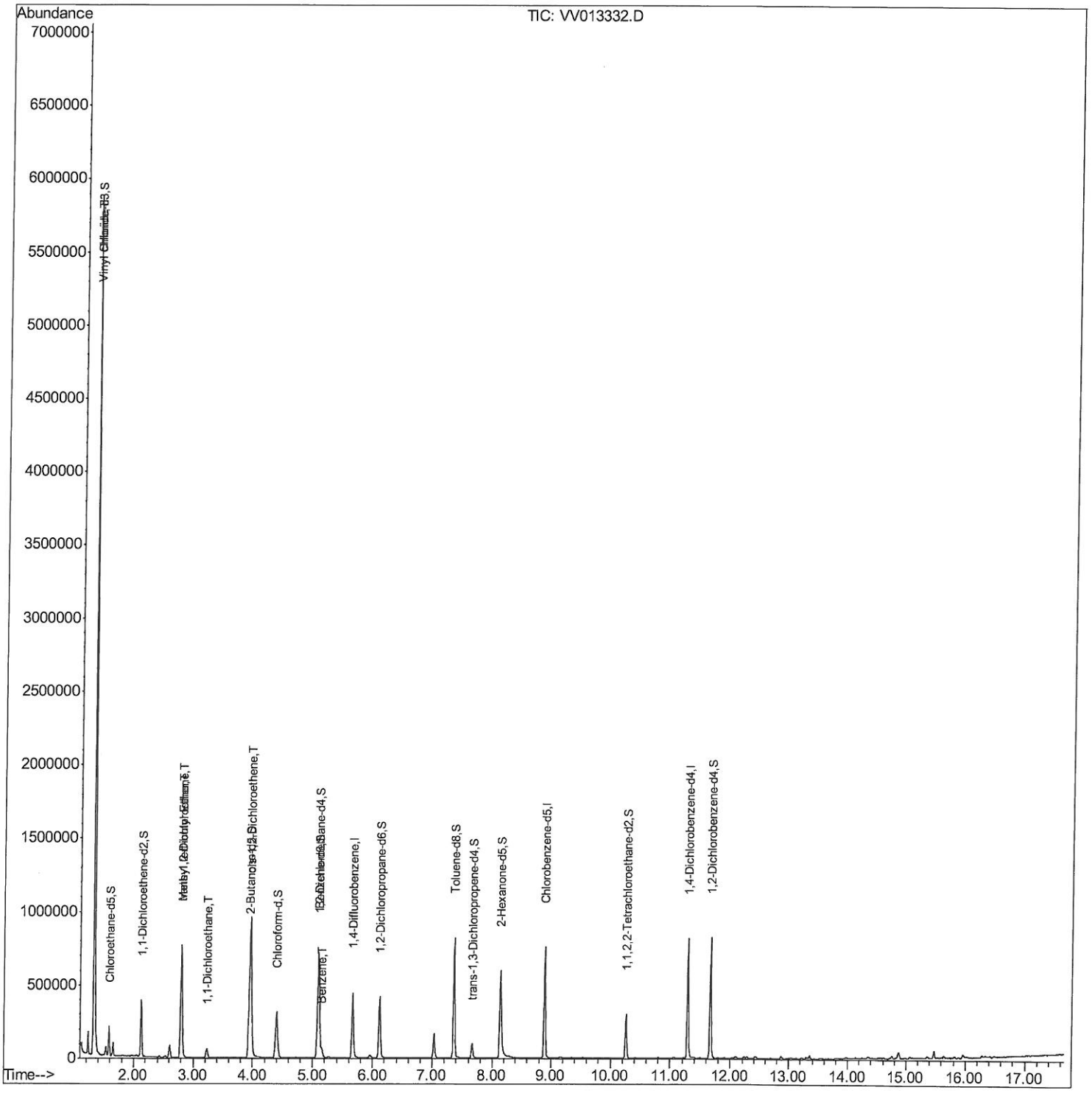
Data File : VV013337.D

Acq On : 25 Oct 2019 00:54
Operator : SY/MD
Sample : K5462-22
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 25 06:01:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H0G26

Manual Integrations APPROVED
MMDadoda
10/26/2019 10:04:27 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\

Quantitation Report (Qedit)

Data File : VV013337.D

Acq On : 25 Oct 2019 00:54
Operator : SY/MD
Sample : K5462-22
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 25 04:48:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
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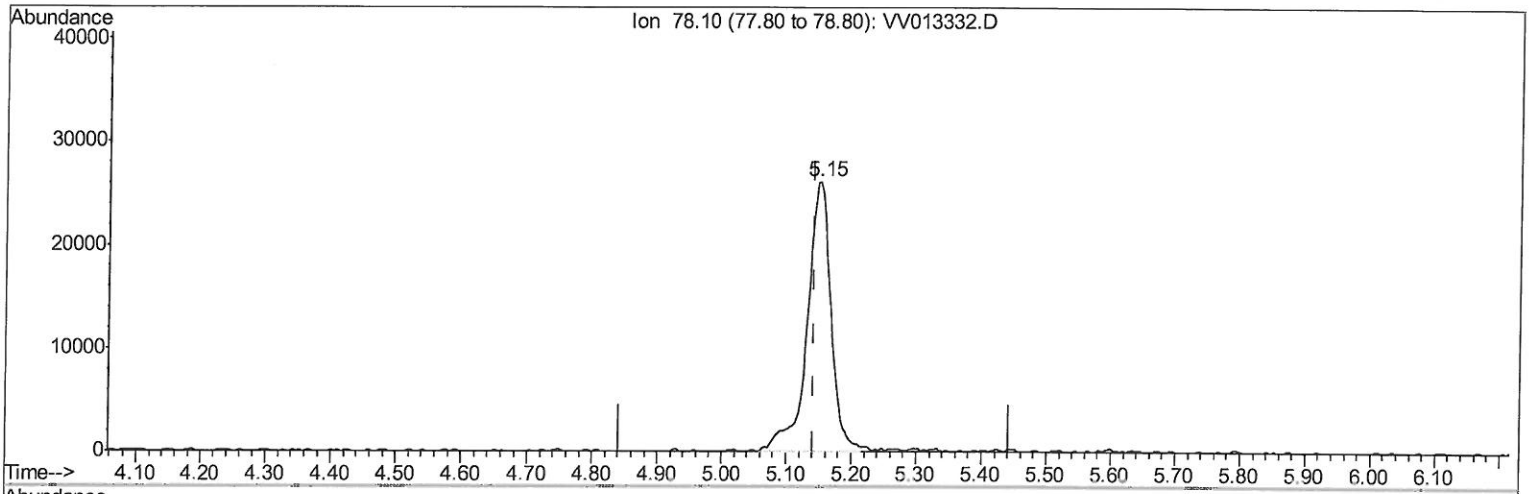
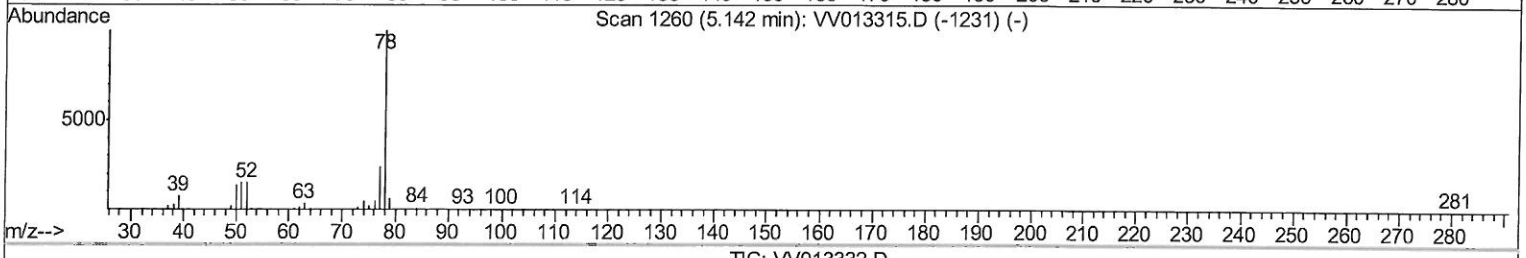
Manual Integrations APPROVED
MMDadoda
10/26/2019 10:04:27 AM





TIC: VV013332.D

(33) Benzene (T)

5.151min (+0.009) 0.40ug/L

response 66255

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_V\DATA\VV102519\

Quantitation Report (Qedit)

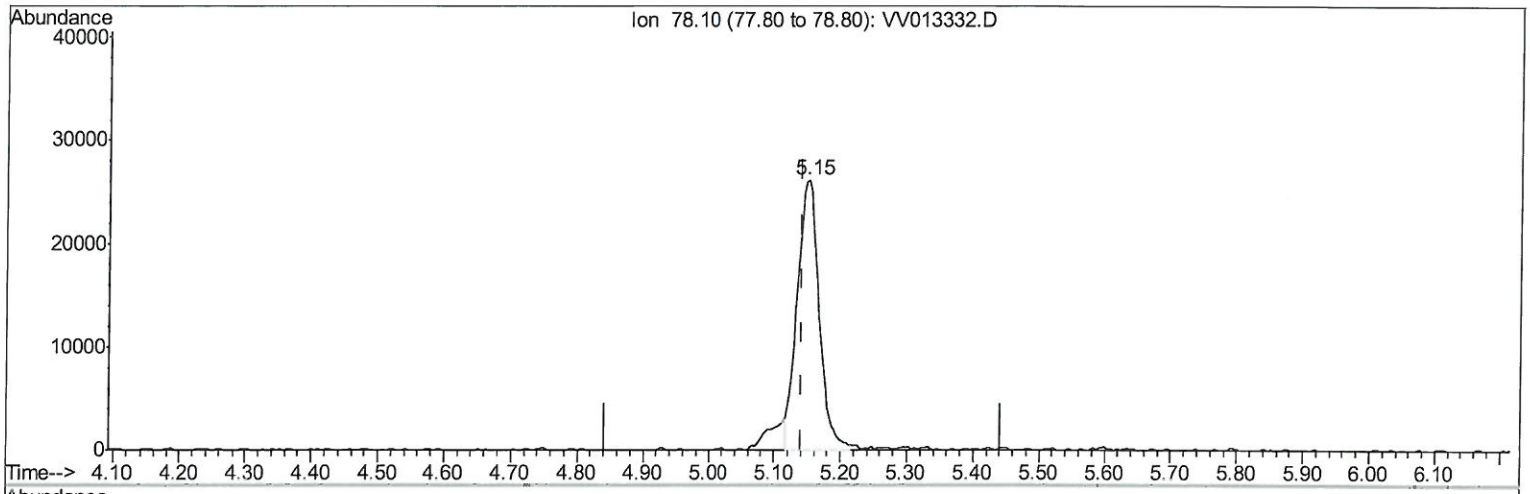
Data File : VV013337.D

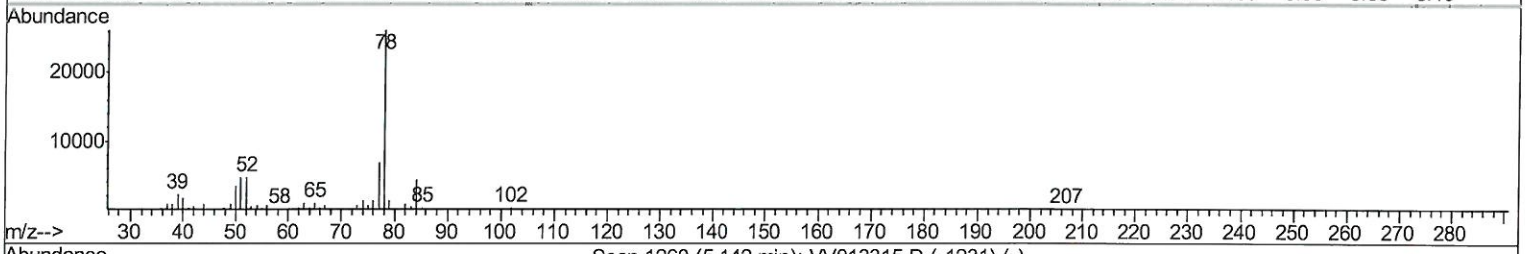
Acq On : 25 Oct 2019 00:54
Operator : SY/MD
Sample : K5462-22
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

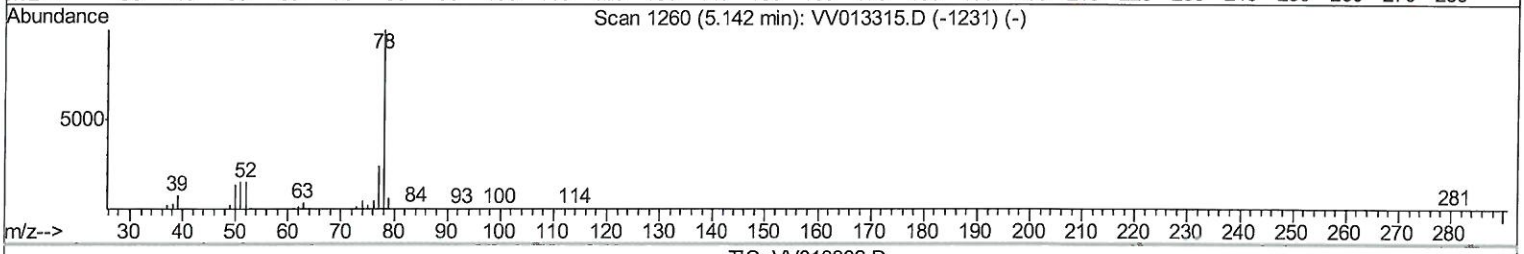
Quant Time: Oct 25 04:48:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H0G26

Manual Integrations APPROVED
MMDadoda
10/26/2019 10:04:27 AM







TIC: VV013332.D

(33) Benzene (T)

5.151min (+0.009) 0.37ug/L m

response 60790

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 10/26/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\

Quantitation Report (QT Reviewed)

Data File : VV013337.D

Acq On : 25 Oct 2019 00:54
Operator : SY/MD
Sample : K5462-22
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G26

Manual Integrations APPROVED
MMDadoda
10/26/2019 10:04:27 AM

Quant Time: Oct 25 06:01:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	403668	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	436026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232551	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	176390	5.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.60%			
7) Chloroethane-d5	1.59	69	128306	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.13	63	186546	3.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.40%			
20) 2-Butanone-d5	3.94	46	318639	55.75	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.50%			
24) Chloroform-d	4.40	84	324924	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.08	65	159323	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.10	84	677501	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.12	67	207648	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.36	98	556141	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	7.66	79	56743	3.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.60%			
46) 2-Hexanone-d5	8.13	63	183859	32.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 64.20%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	139915	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	237668	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	3553781	91.224	ug/L	100
17) Methyl tert-butyl Ether	2.80	73	450448	6.128	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	145972	3.901	ug/L	93
19) 1,1-Dichloroethane	3.23	63	66612	1.095	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	514941	12.859	ug/L #	90
33) Benzene	5.15	78	60790m	0.365	ug/L	

JMD 10/26/19

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