Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

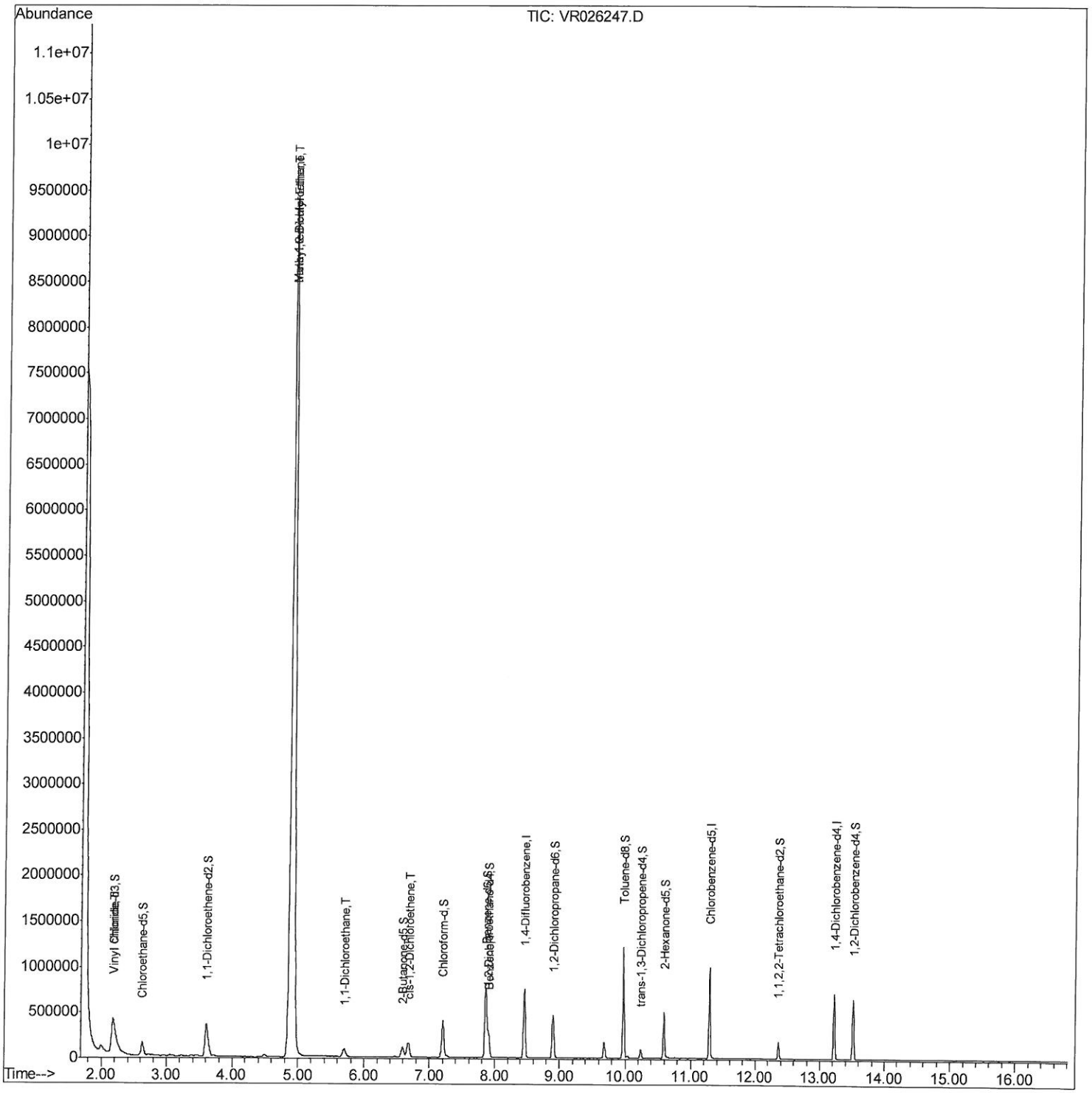
Quantitation Report (QT Reviewed)

Data File : VR026247.D
Acq On : 21 Nov 2018 1:59
Operator : SY/MD
Sample : J6026-09
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 21 04:12:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
H0FL8

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:11 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

Quantitation Report (Qedit)

Data File : VR026247.D
Acq On : 21 Nov 2018 1:59
Operator : SY/MD
Sample : J6026-09
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 21 03:28:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
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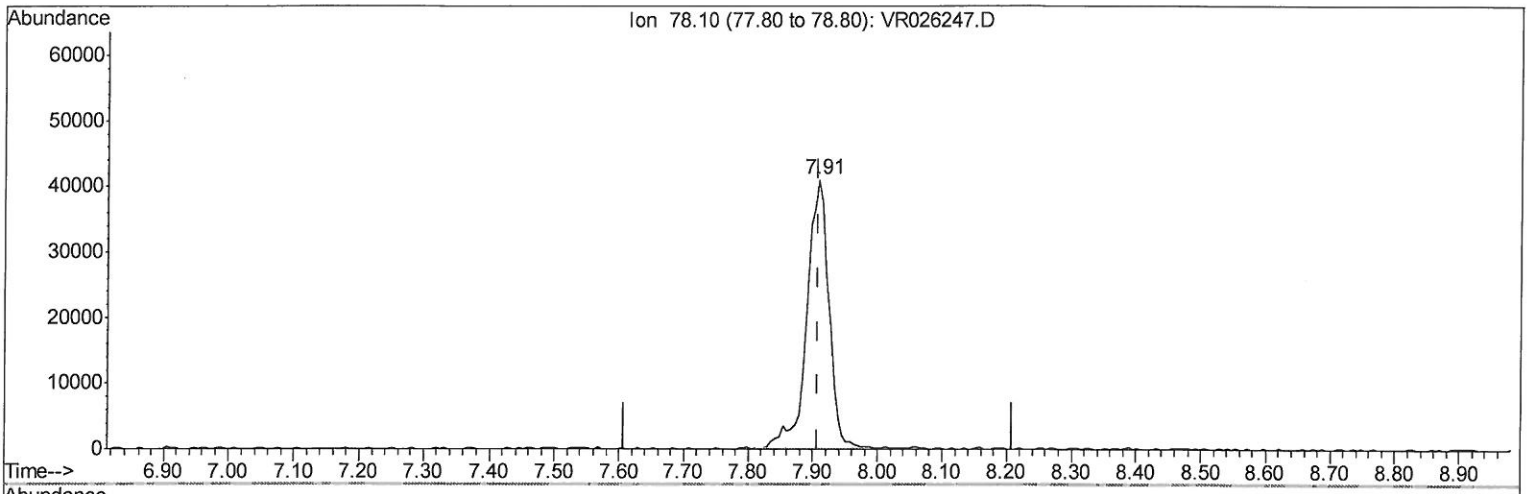
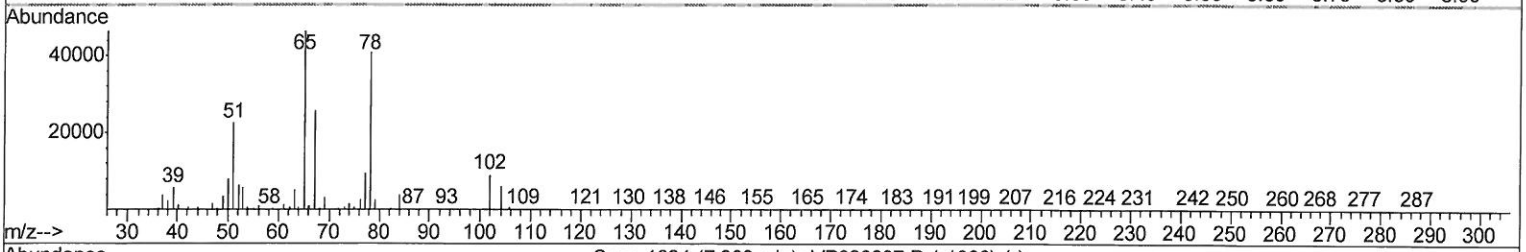
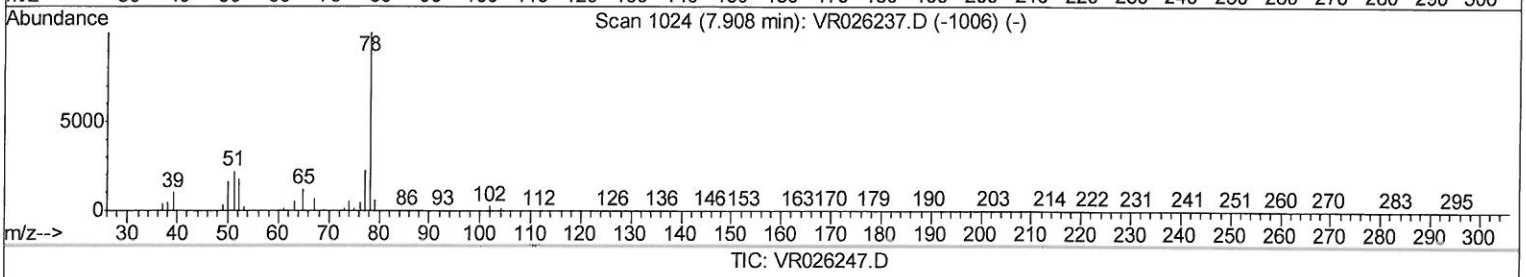
Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:11 PM







TIC: VR026247.D

(33) Benzene (T)

7.908min (+0.000) 0.59ug/L

response 96635

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_R\DATA\VR112018\

Quantitation Report (Qedit)

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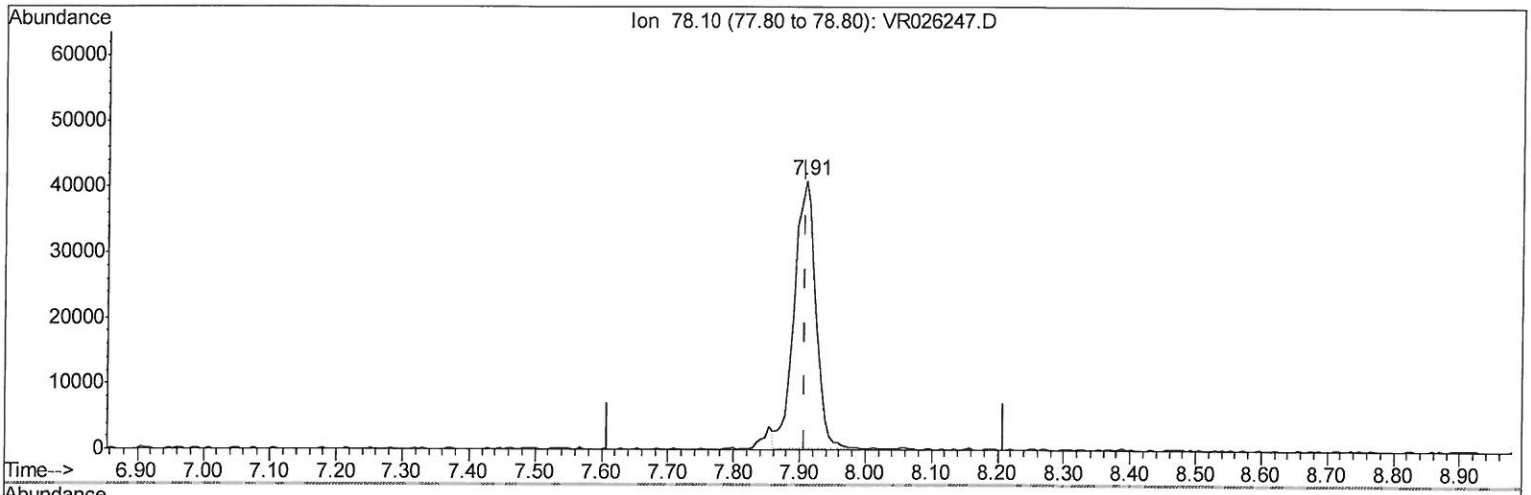
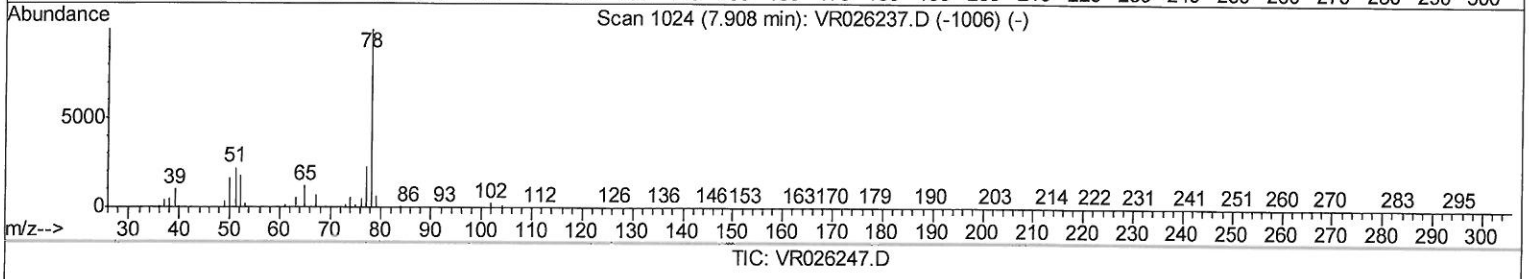
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
H0FL8

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:11 PM





TIC: VR026247.D

(33) Benzene (T)

7.908min (+0.000) 0.57ug/L m 11/26/18 SY

response 92385

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_R\DATA\VR112018\

Quantitation Report (QT Reviewed)

Data File : VR026247.D
Acq On : 21 Nov 2018 1:59
Operator : SY/MD
Sample : J6026-09
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 21 04:12:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Instrument : MSVOA_R
ClientSampleId : H0FL8

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	534265	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	446865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	149867	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.17	65	221019	5.43	ug/L	0.02
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.60%			
7) Chloroethane-d5	2.63	69	200823	5.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.00%			
11) 1,1-Dichloroethene-d2	3.61	63	430758	4.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.40%			
20) 2-Butanone-d5	6.59	46	207256	54.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.88%			
24) Chloroform-d	7.20	84	395302	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	7.90	65	155654	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	7.85	84	773584	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	8.90	67	196814	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	9.97	98	677217	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	10.24	79	46294	4.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%			
46) 2-Hexanone-d5	10.59	63	140827	56.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.98%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80749	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	13.52	152	136230	5.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.60%			

Target Compounds						Qvalue
5) Vinyl chloride	2.18	62	699330	14.801	ug/L	98
17) Methyl tert-butyl Ether	4.90	73	15331381	330.709	ug/L	97
18) trans-1,2-Dichloroethene	4.89	96	62782	1.524	ug/L	92
19) 1,1-Dichloroethane	5.70	63	128263	1.735	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	91363	2.462	ug/L #	87
33) Benzene	7.91	78	92385m	0.566	ug/L	

11/21/18 SY

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